

Bringing INNOVATORS Together

2018 Corporate Report

1 Sound Choice LLC | **1MORE USA** | 20/20 Companies | **2132867 Ontario Ltd.** | 24/7 Wireless | **24G LLC** | 2the Max Asia Pacific Ltd. | **3 Legged Thing Ltd.** | 3S Engineering | **360 Alley** | 360pi | **3D Connected Printing** | 3DRUDDER | **3M Optical Systems Division**
4sight Inc. | **4WT Media** | 6th | **8 Bit Development Inc.** | A&D Medical | **AAC TECHNOLOGIES HOLDINGS Inc.** | AAMP Global | **AAUXX** | Abilix Educational Robot Co. Limited | **Abode** | AbraSphere | **ABSA Inc.** | Abt Electronics | **Abundy Inc.** | Accedo
Accele Electronics Inc. | Accell | **Accenture** | Accessory Power | **AccuBPO.com** | Ace Computers | **Ace Technologies LLC** | ACECAD Digital Corp DBA Solidtek USA | **Acesonic** | ACIGI Relaxation / Fujiiryoki USA | **ACOPower** | Acoustic Gadgets LLC
AcousticSheep LLC | Activbody Inc. | **Active International** | Active Protective Technologies Inc. | **Actiview** | ACUMEN ROBOT INTELLIGENCE Inc. | **Acuratio Inc.** | Adam Elements | **A-DATA Technology USA** | ADC2 Technologies | **Adesso Inc.**
Adidas Digital Sports | **ADL Ventures** | Adobe Systems Inc. | **ADT** | Advanced Measurement Labs | **Advanced Micro Devices Inc.** | Advanced Technologies | **Advanced TeleSensors Inc.** | ADVSOUND Inc. | **AE Ventures** | AEE Technology Inc. | **Aeolus**
AerNos Inc. | **Aerocool Advanced Technologies Corp.** | Aerwaze | **Aevoe Corp / Moshi** | AEye Inc. | **Affordable Home Entertainment** | Affordable Home Theater & Automation | **Affordance Studio** | Afridom Mobile Corporation | **Aftershokz** | Agbara Life
Aggressive Home Automation & Design | Agile Attributes LLC | **Agilus Inc.** | AGP LLC | **AIG** | AIMOTIVE Inc. | **Aira** | Airbnb | **airBridge** | Airfoil Group | **Airlight** | AIRMAP | **Airthings** | Airtime Labs LLC | **Airwavz.Tv** | Airwolf 3D | **airXsys** | AISINO Corp.
Aiwa Corp. | AJRC | **Akamai** | Akoustyx LLC | **Alarm.Com** | Alca cruz | **ALCO Electronics Ltd.** | Aleratec Inc. | **Alexander Audeze LLC** | Alibaba Group | **Allsop Inc.** | Allstate Insurance Company | **AlltecPro** | Ally Commerce | **Aloha Partners** | Alpatronix
Alpha Audiotronics Inc. | Alphom Group LLC | **Alpine Electronics of America Inc.** | Alsentis LLC | **Alta Mere Denton** | Altia Systems | **Altman Vilandrie** | AMA XPERTEYE Inc. | **Amazon.com** | Amber Solutions Inc. | **Ambiance Systems** | Ambidio Inc.
Ambisonic Systems LLC | Ambulatory Monitoring Inc. | **Amcrest Digital Technologies LLC** | American Automation & Communications Inc. | **American Bass** | American Express | **American Honda Motor Co. Inc.** | American International Electric Inc.
American Road Products Inc. | Ampacs Corporation | **Amplicom USA** | Amplifier Technologies Inc. (ATI) | **Analog Devices Inc.** | Analogix Semiconductor | **Anderson Information Systems LLC** | Andrasta | **Andrea Electronics Corp.**
Angelinventum SAPI de CV | **Ankuuo Electronics Inc.** | ANT Wireless | **ANTENNADEALS.COM** | Antonio International Ltd. | **Anuva Automation / Tio Home Automation** | AOB Technology Group Inc. | **App-Accessory Corp.** | AppHelp | **Apple Inc.**
Application Switch Inc. | **Apption Labs Inc.** | Aptiv | **ARC Audio Inc.** | Argo Partnership | **Argus Insights** | Arizona Doppler Specialists | **Arkon Resources Inc.** | Arland Communications Inc. | **Armlt Co.** | Arneson Technology Corp. | **Arovia Inc.** | Arrayent
Arris | Artec 3D | **Artefact** | Artison LLC | **Arts Digital Technology (HK) Ltd.** | Arvonic | **Arzak Corp.** | ASA Print Technologies DBA ASA and ASSOCIATES | **Ashdown Design & Marketing Ltd.** | Ashley Chloe Inc. | **Ashley Entertainment Corp.**
Associated Network Systems Representatives | **Assurant Solutions** | AST Technology Labs | **Astrodesign Inc.** | Asurion | **ASUSTekz** | AT&T Inc. | **ATEQ Corp.** | Aterica Inc. | **athenahealth Inc.** | Athens Consulting LLC | **Athos** | Atlanta Audio & Automation
Atlantic Inc. | Atlantic Translators International Inc. | **Atoms Labs LLC** | AU Optronics Corp. America | **Audi of America Inc.** | Audio Alchemy | **Audio Analytic** | Audio Authority Corp. | **Audio Command Systems Inc.** | Audio Design Associates
Audio Design Experts Inc. | Audio Plus Services | **Audio Precision Inc.** | Audio Technology of NY Inc. | **Audio Technology Switzerland** | Audio Video Intelligence | **Audio Video Systems** | Audio Warehouse | **AudioControl** | Audioengine | **Audiofly Pty Ltd.**
Audiofrog Inc. | **Audiophiles Choice Inc.** | Audiopipe | **AudioQuest** | Audio-Technica U.S. Inc. | **Audiotronics Inc.** | Audy Global | **Audyssey Labs** | Augpix Ventures LLC | **August Home Inc.** | Aula Inc./Shenzhen Suoai Electronics Technology Co. Ltd.
Aurai Inc. | Autel Robotics USA LLC | **Autodesk, Inc** | Autoliv ASP Inc. | **Automated Technology Company LLC** | Automation & Integration Global Security Group LLC | **Automation Design + Entertainment Inc.** | Autonomic Controls Inc.
Autotech Global Partners | Autotrickz | **Autumn Horizons Inc.** | Avacomtech Inc. | **Avantree** | AvatarMind Inc. | **Avermetrics** | AVF Group Inc. | **AVI** | AVidea Group, Inc. | **Avido** | AVL North America Corporate Services Inc. | **AVL PRO Inc.** | Avnera Corp.
Avon MotoPhoto | AwoX | **Axess Products Corp.** | Axlim Inc. | **Axis Communications Inc.** | AXIS Labs Inc. | **AXISS Audio** | Axisus | **Ayla Networks** | Ayzenberg Group | **Aztoo** | B & W Group | **b8ta** | Babierge, Inc. | **Babyation** | BACCH Laboratories Inc.
Balaji Trading Inc. | Balance | **Baltimore Eye Care** | Bambu Tech | **Bansen Labs** | Barkan USA Inc. | **Bartesian** | Batis | **Battery Technology Inc.** | BatteryBelt by GoWearTech | **BCE Home Installation** | BDS Marketing | **BeachFront Technologies**
Beacon Technology Group | **Becton Dickinson** | Beddit Inc | **Beechwoods Software Inc.** | Bei Media | **Beijing Peakhonor Technology Co. Ltd.** | Beijing Shingyun Technology Co. Ltd. | **Bekins Inc.** | Belkin International | **Bell Services Corp.**
Bell'O International Corp. | **Belloso Motor Company** | Ben Jen Holdings LLC | **Benjilock LLC** | BePATIENT | **Berlin Acoustics Inc.** | Best Buy Co. Inc. | **Bestar Technologies Inc.** | BestMile USA Inc. | **Bethesda Systems** | Bewell Connect Corp. | **beycome.com**
Beyerdynamic Inc. | **Beyond Lucid Technologies Inc.** | Beyond Screen Ltd. | **Big O** | Bio Bidet | **Biocare Systems Inc.** | Biotrak Health | **Bitmovin Inc.** | BitRouter | **Bjorn's Audio Video** | Black Box VR | **Blackberry Ltd.** | Blackfire Research Corp. | **Blade**
Blaze Automation Inc. | **Bloomlife** | Blosser's Photo Design Center | **BluAtom Inc.** | Blue Field Strategies LLC | **Blue Microphones** | Blue Spark Technologies Inc. | **Blue Tiger USA** | Blue Vault Consulting | **Bluelounge Distribution**
BlueSalve Consulting and Interim Management | **Bluewater** | BMW of North America LLC | **Boingo Wireless** | Bonaverde Coffee Inc. | **Bondigital Ltd.** | Bongiovi Acoustics | **Bongmi Inc.** | BOOMPODS (HK) Ltd. | **Bose Corp.** | Bosma USA Inc.
BOSS Audio Systems | Bot3 Inc. | **Bourque & Associates Inc.** | BOW USA | **Bower Inc.** | BPS Inc. | **Bracketron** | Brainco Inc. | **Brandmotion LLC** | Brash3D Media Group LLC | **Breathometer** | Breezometer | **BrightCove** | Brightstar | **Brilliant** | Brinno Inc.
Broad Electronics (America) Inc. | Broadcom Ltd. | **Brotman[winter]Fried Communications** | BS Consulting LLC | **BSG Computer Experts** | Build It Workspace | **BUQU** | Busy Nerds Inc. | **Butterfly Technology (Shenzhen) Ltd.** | BuyDRM Inc.
BVGA MIPOW (USA) Ltd. Co. | Bydesign SV Inc. | **Bytech Wireless Accessories** | BYTON | **C Mark Williams Associates LLC** | C.B. Distributing | **CA Engineering LLC** | CA Global | **Cable Gear** | Cable Television Labs | **Cablejive LLC** | Caerus Ventures LLC
Cafrafo Ltd. | Callahan Creek | **CALM Technologies Inc.** | Calrad Electronics | **CAN Innovation Corp.** | Canary | **Candor Health Products LLC** | Candywirez | **Canon U.S.A. Inc.** | Capitalyon International Inc. | **Capitol Sales Co.** | Cappasity Inc. | **CaptoGlove LLC**
Car Alarm Systems | **Car Toys Inc.** | Carbon 3D | **Cardas Audio Ltd.** | Cardonal Trading Co. | **Care Angel** | Caring Village | **Carmel Cattle Company** | Caroom's Dry Goods | **Carson Optical** | CaSa Connected Appliances Ltd. | **Casaplex** | Caseco
Casio America Inc. | castAR Inc. | **Caster Communications Inc.** | castLabs Inc. | **Cathy Stauffer Consulting** | CAY Trading Inc. | **Cazza Inc.** | CBS Interactive | **CCS Communications** | CDVI Americas | **CE Marketing Pros LLC** | Cedar Electronics
CEEK Virtual Reality | Celeno | **Cellcontrol** | Cellepathy | **Celluphone Inc.** | Centerpin Technology Inc. | **Centers For Age Control Inc.** | Centralite Systems Inc. | **Centrica Connected Home US Inc.** | Centro de Investigación y Desarrollo Córdoba
Cepton Technologies Inc. | Cerevo USA LLC | **Certified Sounds LLC** | Cerwin-Vega Mobile | **CExchange LLC** | CHAI | **Chaney Instrument Co.** | ChangEd | **ChangingVelocity** | Channel Direct Group LLC | **Channel Master** | Charge Commander
Chargepoint Inc. | Chemours | **Chet Stojanovich Productions LLC** | China America Electronics Corp. | **China Etech Groups Ltd.** | Chipolo North America | **Chirp Microsystems Inc.** | Chunghsin Technology Group Co. Ltd. | **Ciclii Inc.** | Cinebody
CINEMOOD | Circal Engineering Inc. | **Circlever** | Cisco Systems Inc. | **Cista Design Inc.** | CIT Group Commercial Services | **Citymagine** | CJ Global | **CJS Labs** | Clarifii | **Clarion Corp. of America** | Clarity Movement Co. | **Clear Voice Consulting**
ClearMotion | **Cleer Inc.** | ClinAssure | **Clip-a-Phone** | CloudLink | **CloudNav** | Cloudtalk LLC D/b/A Nucleus | **CloviTek LLC** | CLTEL | **CMH United Corp. / ITSKINS** | CMI Health Inc. | **Cobalt Communications Inc.** | Cobbl LLC | **Cocoon Cam** | Cogilex R & D Inc.
Cognitive Code | Cognitive Systems Corp. | **cognitiveVR** | Colder's/flanner's | **Coldwell Banker** | Colgate Palmolive | **Collar.Tech** | Colohub | **Columbus Car Audio** | Comcast Cable | **Comhear Inc.** | Como Audio LLC | **Compass Intelligence** | Compliance & Risks
Computer Consumer Inc. | Concept Ent. Inc. | **Concept Green Inc.** | Connected Signals, Inc. | **Connected Technology** | Connectedmedia | **Connors Consulting** | Conquer Ordinary LLC | **Consensia Inc.** | CONSERVIA PRIME TECHNOLOGIES
Constellation Audio | Constellation Communications Ltd. | **CONTEC MEDICAL SYSTEMS USA Inc.** | Control4 | **ConvergenceHealth Inc.** | Convida | **Coordinated Claim Services LLC** | Coravin Inc. | **Core Brands** | Corning Inc. | **Coros Wearables Inc.**
Corsair Components Inc. | **COSMIAC** | Coup Capital Management Inc. | **Covello LLC** | Coway Co. Ltd. | **Cox Communications Inc.** | Cozi | **CPI Security Systems** | CPP Group MÃ©xico | **CR Flight** | CR3 Partners | **Craig Electronics** | Crazybaby Inc.
Creative 3D Technologies LLC | Creative Arts and Technology | **Creative Channel Services LLC** | Creative Labs | **Creative Marketing Associates** | Creative Vision Ltd. (CVL) | **Crestron Electronics Inc.** | CRI Middleware | **Crosley Radio/Modern**
Marketing Concepts | Crown Jewel Entertainment Systems | **Crown Max Enterprise LLC** | Cruise Automation | **Crutchfield Corp.** | CRUX Interfacing Solutions | **Cryptek** | CSAA Insurance Group, a AAA Insurer | **CSI Medical Inc.** | CTA Digital | **CTI US Inc.**
| Cube Tracker | **CUBtek** | Cue Inc. | **Cujo** | Current Marketing | **Curtis International** | Custom Business Solutions LLC | **Custom Mobility Inc.** | CWLab Int'L | **CWS & Associates** | Cyber Resonance Corp. | **cyberManor Inc.** | Cybermation Inc.
Cybernet Solutions Inc. | Cyberpower Systems (USA) Inc. | **Cybervista** | Cyborg Inc. | **Cycling Designs LLC** | Cygnett | **Cynoware Electronics Inc.** | Cypress Technology | **Cyzergy LLC** | D&H Distributing | **D&S International Trading Inc.**
Dahua Technology USA | **Dakota Alert Inc.** | Dallas Sight and Sound Inc. | **Dana Innovations** | Daniel Research Group | **Daplie** | DAQ Ltd. | **DAS Companies Inc.** | DatavizVR Inc. | **Davi Audio Inc.** | David Bychok Consulting | **Davie Tech Consulting**
Davis Instruments | **Dayton Industrial Co. Ltd.** | DB Research LLP | **DBD Enterprises LLC** | D-BOX Technologies Inc. | **Dbtronix LLC** | dbx-tv | **DC Genius Inc.** | Decibullz Custom Molded Earphones | **DeciZone Inc.** | Deepsound Car Audio | **Deets**
Dehart Alarm Systems Inc. | **DEI Holdings Inc.** | Delano Associates | **Dell Inc.** | Deloitte LP | **Delphi Technologies** | DENSO International America Inc. | **Derek Gillette Real Estate** | Derive Systems | **DermaTec** | Design Pool LLC | **Detroit Audio Lab**
DeVance Electronic Lifestyle | **DeVore Fidelity Ltd.** | Dgl Group Ltd. | **DIABNEXT** | Dialect NY | **Digit Grips** | Digital Antenna Inc. | **Digital Home Tech** | Digital Pro Lab | **Digitalholics LLC** | Digitsole | **Dimension Graphics LLC** | Discovery Promotions and
Merchandising | **DISH Network** | Display Supply Chain Consultants | **DisplayLink Corp.** | DJI Innovations | **D-Link Systems Inc.** | Documents & Design LLC | **Dok Solution LLC** | Dolby Laboratories Inc. | **Dolomite Technology** | Domotz Inc.

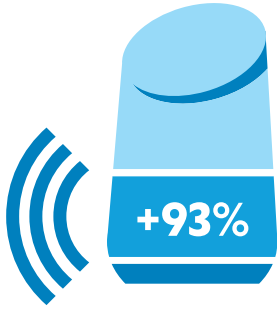


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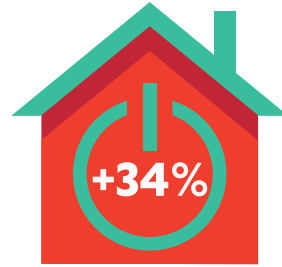
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CTA 2018 CONSUMER TECH INDUSTRY FORECAST

Total U.S. consumer tech industry retail revenue to reach record high: **\$351 billion**



SMART SPEAKERS
\$3.8 Billion



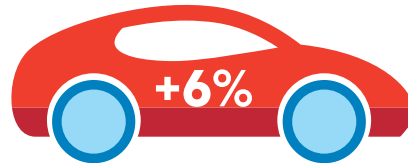
SMART HOME PRODUCTS
\$4.5 Billion



WEARABLES
\$6.4 Billion



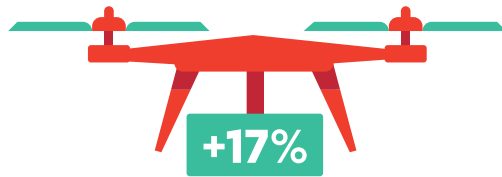
4K ULTRA HD TELEVISIONS
\$15.9 Billion



NEW IN-VEHICLE TECH
\$15.9 Billion



SMARTPHONES
\$62.9 Billion



DRONES
\$1.2 Billion



STREAMING SERVICES
\$19.5 Billion



VIRTUAL REALITY
\$1.2 Billion



TECH TRANSFORMING THE WORLD

America's tech industry is inspiring the world with new opportunities from drones, robots, augmented and virtual reality, personalized health, artificial intelligence and 5G. These advances are changing industries from health care and entertainment to self-driving cars and smart homes.

Our vision of a better, brighter future promises to improve lives around the globe. From biotech innovators creating new wearables, to developers building smart city technology, to engineers evolving the next wave of artificial intelligence and robotics, many brilliant innovators are developing technologies that are addressing real challenges. Our industry's technologies provide huge benefits to health, safety, mobility, agriculture and education.

The Consumer Technology Association (CTA)[™] represents the \$351 billion consumer technology industry that supports more than 15 million U.S. jobs. Our 2,200 member companies – 80 percent are small businesses and startups, others are among the world's best known brands – create the products, services, apps and technologies that are fueling incredible change and spurring a surging world economy.

CTA's mission is to grow the industry. We provide unique market research, develop industry standards, work with legislators, promote consumer campaigns and host CES, CES Asia and other events to connect members with new relationships, revenue and ideas. The CTA Foundation improves the lives of seniors and people with disabilities through technology.

Our members cover the technology spectrum. Some are even disruptors in areas like health monitoring, robotics, implantables, machine learning, drone deliveries, 3D-printing, and voice-based security.

CES[®] is the best place to see the entire tech ecosystem in action. CES 2018 broke records based on size, innovation and sheer optimism. More than 2.7 million NSF with 4,400+ exhibitors and 182,000 executives from business, government, entertainment and the automotive industries walked the floor and learned at keynotes and sessions. A record 1,000 startups in Eureka Park pitched business ideas to buyers, investors and media. Reinforcing our dedication to the city, CTA opened a new Las Vegas office last year. More, the Las Vegas Convention Center is expanding.

Innovation is a Strategy

CTA encourages an open dialogue at all of our events. Our annual CES on the Hill event attracts members of Congress and their staff to experience consumer technology advances and the entrepreneurs that develop them. CTA's Digital Patriots Dinner celebrates both Democrats and Republicans who work together to champion innovation. In addition to our events, CTA's Innovation House—the tech industry's headquarters on Capitol Hill—hosts members of Congress and agency officials, facilitates policy discussions and showcases the latest technologies.

CTA created the Disruptive Innovation Council in 2015 to advocate for innovative companies making life better. And our "Let's Go Humans" campaign is a marketing effort conveying how technology enriches lives. Because globalization and technology are reshaping the job market and to address the U.S. tech industry's



shortage of skilled tech workers, CTA hired a new vice president to help employers identify and prepare for the jobs of the future.

Since President Trump was elected, more than 20 CTA member companies have made 40 major job announcements and shared plans to create more than 250,000 U.S. jobs. The stock market has soared. More, unemployment has dropped to 4.1 percent.

The number of Americans working full-time has grown to a record 154 million. President Trump is giving us what CTA has been seeking for years: less bureaucracy, no more bad rules, a government working with business and a tax law encouraging U.S. investment. But we must be careful of harmful tariffs and remember no one wins trade wars.

We just released our first-ever International Innovation Scorecard, evaluating 38 countries and the EU on policies that promote entrepreneurship. While the U.S. scores well across the board, we want other countries to encourage diversity, allow basic freedoms and clean up their air and water.

And CTA's Innovation Scorecard evaluates states that have policy frameworks that help entrepreneurs prosper, including a robust tech workforce, fast internet speeds, openness to new business models, high number of STEM graduates and strong job growth.

Technology needs flexibility to innovate and government should remove rules that stifle industry. This year, let's put aside partisan arguments and focus on passing immigration reform to allow the best and brightest to build their businesses on our shores, invest in infrastructure so that everyone can have a choice in great broadband, and focus on patent reform so small businesses can thrive.

Let's make 2018 an amazing year by remembering what unites us and the innovation that makes our nation the greatest in the world. Join with us to shape a better world for all.



Gary Shapiro
President and CEO,
CTA



David Hagan
CTA Chair
Chairman and CEO,
Boingo Wireless



THE VANGUARD OF INNOVATION

The Consumer Technology Association (CTA)[™] brings together technology companies to connect, collaborate and contribute. CTA helps organizations succeed through events, and an extensive network of divisions, councils and working groups. Members have access to practical resources to help grow every facet of their businesses. CTA also owns and produces CES – the world’s gathering place for all who thrive on the business of consumer technologies.

More than 2,200 consumer technology companies enjoy the benefits of CTA membership including policy advocacy, market research, technical education, industry promotion, standards development and the fostering of business and strategic relationships.

Why Join CTA?

CTA members help shape the industry’s narrative with their CES experiences and participation in CTA initiatives. CTA is instrumental on Capitol Hill, working with national leaders to lobby for the issues that are crucial to the technology industry to make sure that innovation is protected.

The professional relationships and networks forged at CTA provide valuable connections that help to transform the way business is done. To be part of an environment that discusses industry topics openly and honestly is beneficial for

all involved. Members gain unique insights from participating on boards, standards-setting committees and promotional campaigns to grow their businesses.

CTA also has comprehensive market research that is often directed by our members. We actively research the topics that are deemed most important to our member companies.

The products and services that CTA members produce continue to transform the world, create jobs and grow the economy. CTA is committed to growing the industry and adding value for members. Collaborate with a diverse group of talented professionals and help to shape the direction of the consumer technology industry.

CTA 2018 EXECUTIVE BOARD



CHAIRMAN
David Hagan
Chairman and CEO
Boingo Wireless



VICE CHAIRMAN
Mike Dunn
President of Product Strategy and
Consumer Business Development
Twentieth Century Fox



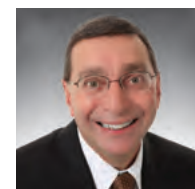
VICE CHAIRMAN
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President & CEO
The Tiffen Company



IMMEDIATE PAST CHAIRMAN
Daniel Pidgeon
Chairman
Starpower



INDUSTRY EXECUTIVE ADVISOR
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President and CEO
VOXX International Corp.



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Elliott Peck
EVP & GM Imaging Technologies
and Communications
Canon U.S.A. Inc.
Chairman and CEO
Canon Information
Technology Services



DEB VICE CHAIR
John Penney
EVP, Product Strategy & Consumer
Business Development
Twentieth Century Fox



DIVISION REPRESENTATIVE
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Vice President and
Chief Medical Officer
Qualcomm Life



PRESIDENT AND CEO
Gary Shapiro
CTA



EXECUTIVE BOARD TREASURER
Glenda MacMullin
Chief Operating Officer/
Chief Financial Officer
CTA



EXECUTIVE BOARD SECRETARY
Karen Chupka
EVP, CES and Corporate
Business Strategy
CTA

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Chief Operating Officer
Sony Electronics Inc.



Randy Fry
President
Fry's Electronics



Bridget Karlin
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GTS Technology & Automation
IBM



Laura Orvidas
Vice President,
Consumer Electronics
Amazon



Joe Stinziano
Executive Vice President,
Consumer Electronics
& Enterprise IT
Samsung Electronics America



Fredrick Towns
President
New Age Electronics,
a Division of SYNnex Corp.

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Vice President, Product Marketing
Facebook



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Communications Director
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Itai Ben-Gal
Chief Innovation Officer
Bluewater



Brett Beveridge
President
The Retail Optimization Companies



Eric Bodley
President and CEO
Future Ready Solutions



John Boris
CMO
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John Bosch
President and CEO
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Jim Braun
President and CEO
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Scott Burnett
Managing Director,
Global Consumer Electronics Industry
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Chief Legal Officer
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Henry Chiarelli
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Nokia Technologies



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Global Director and Associate
General Counsel,
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Stephanie Dismore
Vice President and General Manager,
Americas Channels
HP Inc.



Brian Dunfee
Senior Director,
Global Product Management
Best Buy



Bettina Experton
CEO
Humetrix



Richard Feller
Owner
Hedgehog Technology Services



Bob Fields
President and CEO
Beacon Technology Group



Deena Ghazarian
Managing Partner
TargetPath



Denise Gibson
Co-Founder and Chairman
Ice Mobility



John Godfrey
Senior Vice President,
Public Policy
Samsung Electronics America



Hunter Hankamer
Vice President of Operations
Starpower



Eric Hsia
Venture Partner/
Senior Adviser
TransLink Capital



David Inns
CEO
Greatcall



John Ivey
President and CEO
MiTek Corp. and AtlasIED



Henry Juskiewicz
CEO
Gibson Brands Inc.



Dave Keller
Vice President of Sales,
North America
Vantage Controls (Legrand)



Sally Lange
Vice President National Retail
Sprint



Noel Lee
Head Monster
Monster Inc.



Ken Lowe
Co-Founder and
Vice President
VIZIO Inc.



Mike Mansuetti
President
Robert Bosch LLC



Michael Mauser
EVP and President
Lifestyle Audio Division
Harman Becker Automotive Systems
GmbH



Jay McLellan
Vice President,
Energy Management,
Controls and Automation
Leviton Manufacturing Co. Inc.



Rajan Mehta
EVP and CTO
World Wrestling Entertainment



Henry Muyshondt
Executive Director and
Senior Manager
MOST Cooperation and
Microchip Technology



Paul Sabbah
President
Stamford International Inc.



Asheesh Saksena
EVP, Chief Strategic Growth Officer
Best Buy Co.



Drew Schiller
CEO
Validic



John Shalam
Chairman and Founder
VOXX International Corp.



Jack Sheng
Founder and CEO
eForCity.com



Jake Sigal
Founder and CEO
Tome



Bob Struble
CEO
Directed Electronics



John Taylor
VP Public Affairs and Communications
LG Electronics



Steve Trundle
President and CEO
Alarm.com



Sonia Wadhawan
Head of Distribution and Channel
Expansion, Google Hardware
Google



Doug Webster
Vice President, Global Marketing
and Corporate Communications
Cisco Systems



Skip West
President and Owner
MAXSA Innovations

CTA DIVISIONS

Accessories



CTA'S ACCESSORIES DIVISION is committed to growing the accessories industry and removing roadblocks to accelerate and simplify product purchasing and technology adoption by the end user.

Key Focus

- Educate consumers on how accessories can help extend functionality, enhance performance and add to the enjoyment of their products.
- Provide retailers with strategic guidance and thought leadership on the importance of selling CT accessories through a series of bylined articles in trade magazines.
- Conduct research to explore opportunities for accessory sales and look at factors that influence accessory purchase decisions.

Audio



CTA'S AUDIO DIVISION fosters growth and profitability for the manufacturers, distributors and retailers of consumer audio products.

Key Focus

- Partner with industry organizations to provide education for consumers about quality audio.
- Promote that audio provides an enhanced experience for home entertainment.
- Encourage the audio community to sell audio as a value-added solution and provide them with the necessary tools.
- Conduct market research and analyze the audio marketplace to provide members with the information they need to improve their sales and market share.

CTA DIVISIONS

Digital Imaging



CTA'S DIGITAL IMAGING DIVISION supports the growth and profitability of the digital imaging industry.

Key Focus

- Extend the CTA reputation into the digital imaging community.
- Educate CT retailers and consumers about the complete digital imaging experience, encompassing cross-category trends, integration opportunities, and the enjoyment afforded by innovative imaging products, services and uses.
- Provide insight on trends and new opportunities in digital imaging through CTA sponsored research projects.
- Grow the division and improve active participation from member companies.

Health and Fitness



CTA'S HEALTH AND FITNESS TECHNOLOGY DIVISION explores the area of the industry where health and fitness meets consumer technology. This group seeks to raise awareness of how consumer technologies and services can help improve health and fitness.

Key Focus

- Conduct consumer and industry market research around health and fitness technology products, apps and services.
- Ensure that health and fitness technology devices, apps and services can thrive in a sound regulatory environment that balances innovation with safety and privacy.
- Collaborate with the medical community to identify ways that health and fitness technologies can deliver better health outcomes.
- Support technology and standards initiatives to create performance benchmarks or other standards to advance consumer acceptance of the wearables industry and other health and fitness technology categories.

CTA DIVISIONS

TechHome



CTA'S TECHHOME DIVISION represents the channel for home automation, entertainment and networking products, including installers, distributors and manufacturers.

Key Focus

- Promote and expand the market for professionally installed smart home solutions.
- Increase awareness of energy-efficient systems and installations that professionals design and install.
- Expand awareness and participation of the smart home industry to a broad audience including, but not limited to realtors, builders, architects and appraisers.

Vehicle Technology



CTA'S VEHICLE TECHNOLOGY DIVISION seeks to grow consumer awareness of in-vehicle technology, foster the expansion of the pool of qualified technicians and engage the makers of innovative technologies in the vehicle through advocacy and promotional activity.

Key Focus

- Promote the adoption and endorsement of the Mobile Electronics Certified Professional (MECP) program among the aftermarket industry, prospective technicians and consumers.
- Showcase innovative aftermarket technologies and solutions that stimulate consumer demand.
- Serve as a leading voice on safe driving and vehicle-related legislative and regulatory issues.

CTA DIVISIONS

Video



CTA'S VIDEO DIVISION fosters the growth and development of the video products sector of the consumer technology industry.

Key Focus

- Conduct market research on consumer sentiment of personal video entertainment technologies and content consumption trends.
- Drive awareness of 4K Ultra High-Definition TV, High Dynamic Range and other next generation display technologies among industry and consumers.
- Work with stakeholders to ensure that accessibility is properly balanced with the need to preserve innovation and flexibility for manufacturers.

Wireless



CTA'S WIRELESS DIVISION strives to promote the growth and development of wireless products, applications and services.

Key Focus

- Provide CTA members with educational and networking opportunities in the wireless industry.
- Develop resources and tools to educate CTA members on issues that affect the wireless industry.
- Develop relevant, comprehensive market research focused on current market challenges and wireless products and services.

CTA COUNCILS



The **CONTENT AND ENTERTAINMENT COUNCIL** works to unite the entertainment and consumer technology industries to bring new and innovative technologies to market and help shape the future of the technology, content and entertainment industries.

Key Focus

- Create opportunities to collaborate with other industry groups on the intersection of consumer technology and content.
- Explore the impact of technology innovation on the current content business model.
- Conduct market research around consumers' content consumption behaviors and preferences.



The **RETAILER COUNCIL** provides a forum for CTA members to identify, develop and support programs and resources that help consumers make informed retail purchase decisions. Multi-category and single-category retailers of all sizes can participate.

Key Focus

- Offer members networking opportunities with other retailers and vendors.
- Provide educational and training opportunities to members.
- Collaborate with other CTA divisions on their retail efforts.
- Create programs to discuss solutions to common issues with other retailers.



The **DISRUPTIVE INNOVATION COUNCIL** supports the growth of innovative companies developing technologies and services that are disrupting traditional business models and creating new markets.

Key Focus

- Provide support and advocacy to help disruptive innovation companies navigate market and policy challenges.
- Conduct market research around disruptive innovation technologies, products and services.
- Present members with educational and networking opportunities in the disruptive technology space.



The **SMALL BUSINESS COUNCIL** brings together small business members with programs that drive the growth and success of entrepreneurs through education, collaboration and mentoring.

Key Focus

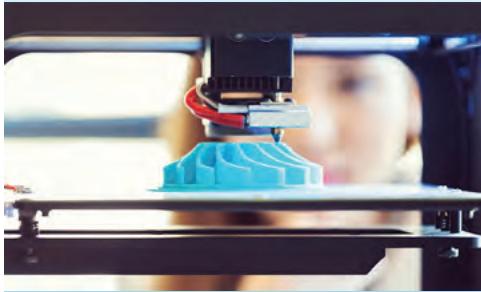
- Act as an incubator for member businesses and support entrepreneurship.
- Harness CTA resources to provide programs year-round that serve the business needs of small companies.
- Build bridges between large and small CTA members through the exchange of ideas and mentoring roles.

The **21ST CENTURY WORKFORCE COUNCIL** provides a forum for CTA members to demonstrate how the CT industry collectively is addressing the nation's critical skills gap, growing high-quality tech jobs and creating a high-skilled 21st century workforce.

Key Focus

- Share best practices and showcase effective examples of workforce development and talent acquisition initiatives.
- Connect veterans and military spouses to employment in the CT industry.
- Shape workforce policy relevant to the CT industry.
- Promote STEM learning as early as K-12.

CTA WORKING GROUPS



3D PRINTING

3D printing has the potential to revolutionize manufacturing and design output but faces significant hurdles. The Working Group focuses on policy (intellectual property, copyright, patents), environmental concerns, industry education and marketplace trends.



ARTIFICIAL INTELLIGENCE (AI)

The AI Working Group strives to support and advance the industry through research, education and advocacy.



AUGMENTED REALITY/VIRTUAL REALITY (AR/VR)

The AR/VR Working Group supports the growth of companies developing technologies and services for the virtual, augmented and mixed reality segment of the technology industry.



DRONE POLICY

The Drone Policy Working Group formulates and advances CTA positions and initiatives related to drones, and actively supports and engages in the association's advocacy efforts before policymakers at the national, state, local and international levels.



IOT

The IoT Working Group aims to support the advancement of the consumer IoT industry through market research, education, standards and policy efforts.



SELF-DRIVING VEHICLES

The Self-Driving Vehicles Working Group was established to encourage the adoption of self-driving vehicles and driver-assist technologies across American roadways expediently and safely.



VIDEO PROMOTIONS

The Video Promotions Working Group seeks to develop and implement promotional and educational activities and campaigns to assist in driving the consumer market for the video products sector, including 4K Ultra High-Definition, High Dynamic Range and other next generation video technologies.



STARTUP

The Startup Working Group is a forum for member companies to discuss business challenges faced by startups, providing input and feedback on initiatives and programs that benefit the startup community. Key areas include identifying relevant educational content, devising networking opportunities and exploring channels to highlight the innovation of startup members.

CTA FOUNDATION

The CTA Foundation is a public, national foundation established with the mission to link seniors and people with disabilities with technologies that enhance their lives. The Foundation is focused on strategic support of programs to impact these communities and has provided more than \$3 million in support since launching in 2012. The CTA Foundation also engages industry, consumers, government, advocacy groups and other key stakeholders around these important issues.



Programs supported by the Foundation include:

- **Benetech:** Creators of Bookshare, the world's largest online library of accessible print materials. The CTA Foundation's supported pilot has expanded services to seniors with visual or other disabilities affecting the ability to read across the state of Georgia.
- **BridgingApps:** Online tool to identify mobile applications that can assist people with a range of disabilities.
- **CareWheels:** A cloud and mobile sensing platform allows small peer groups to support each other's well-being through mutual safety monitoring and remote care for older adults.
- **Older Adults Technology Services:** Supports a technology education program for older adults in both Manhattan and upstate New York. Programs teach technologies that promote independence, combat isolation and provide entrepreneurial employment opportunities.
- **Selfhelp Community Services:** Supports a virtual senior center that engages low-income, homebound seniors and combats social isolation by offering a range of classes and activities for participants across the country.
- **OASIS:** Offers lifelong learning classes and an online platform to create an "on demand" learning experience for older adults in the comfort of their homes.
- **San Diego Futures:** The Senior Tech Ambassador Program uses tech-savvy older adult volunteers to teach free, community-based technology classes to peers including those with low vision and other disabilities.
- **Lighthouse Guild:** Supports two programs, the first of which provides students with vision loss the ability to produce, compose, arrange, record and perform music through the use of accessible technology. And the Henry A. Grunwald Technology Center helps older adults use consumer technology to live more independent lives.

- **Front Porch:** Its Hearables for All Project is a 12-month program to develop technology education and track user feedback to integrate the next generation of wearable hearing devices into daily activities for hearing-impaired older adults.
- **Research to Prevent Blindness:** Funding supports the Innovations in Technology Low Vision Research Award and seed funding for innovative, cutting-edge, collaborative research which demonstrates out-of-the-box thinking for low-vision patients.
- **Generations on Line:** Supports the distribution of a tablet app which builds on its history of Sip and Swipe Technology Training to allow self-paced technology training for thousands of seniors.
- **Fellows Program:** This partnership with Qualcomm and the University of Colorado at Denver explores the use of wearable technology to detect and ultimately prevent falls in seniors at risk.

The Foundation also supports:

- **National Academies of Sciences, Engineering and Medicine:** Support for its forum on Aging, Disability and Independence.
- **Lighthouse for the Visually Impaired (San Francisco):** Provides education, training, advocacy and community for blind individuals worldwide.
- **Avenidas:** Palo Alto-based senior center that serves the Silicon Valley area by embracing technology to aid their community.
- **World Institute on Disability:** Cross disability organization that works to fully integrate people of all abilities into their communities.
- **Blind Center of Nevada:** Provides education and activities for people who are blind or visually impaired in the Las Vegas community.
- **Easter Seals of Nevada:** Provides services and education to people with disabilities in Nevada.



The Foundation supported two research studies. The first was a partnership with CTA called *Active Aging*, which highlights the consumer market of 85 million older adults and their caregivers. The second study, in partnership with IBM, is called *Outthink Aging* and explores the opportunities for cognitive computing to aid people as they age.

The CTA Foundation was involved in numerous accessible technology initiatives at CES 2018 including hosting the winners of the Eureka Park Accessibility Contest: Lili Smart, Project Ray, SignAll, Sofihub and Unaliwear.

The Foundation also hosted discussions with leaders from disability advocacy organizations, interviews and sessions discussing the positive impact that consumer technologies have in promoting independence for older adults and people with disabilities. The culmination of a year-long project with IBM and Local Motors was on display at CES. A prototype of the #AccessibleOlli, a self-driving vehicle designed for people of all ages and abilities, was front and center in the Grand Lobby of the Las Vegas Convention Center.

Consumer Technology
Association™
FOUNDATION

For more information,
visit **CTAFoundation.tech**.



SOCIAL ENGAGEMENT AT CES 2018

Tweets mentioning CES 2018: **860,732**

Instagram story views @CESOfficial: **760,000+**

CES Facebook videos: **224,000 views**

CES Facebook engagement: **25,000+**

CES Youtube subscribers: **35,000+**

The CES Snapchat Live Story: **49 million views**

THE GLOBAL STAGE FOR INNOVATION

For more than 50 years, CES® has been the launchpad for historic innovation, showcasing the latest in life-changing technology. CES 2018, the world's largest and most influential global technology event, continued to expand its industry reach. From January 9-12 in Las Vegas, NV, more than 182,000 executives from the fields of business, government, entertainment, automotive and consumer technology came together to network, conduct business and find the industry's next big thing.

As the global stage for all things tech, CES is owned and produced by CTA. CES acts as a platform for innovators of all sizes to build their brands and set the precedent for the year's tech trends, making it one of the biggest business events of the year. This year more than 4,400 companies showcased major advancements in Marketplaces such as artificial intelligence, self-driving tech, virtual assistants, 5G connectivity, virtual reality and augmented reality. And more than 63,000 international attendees came to learn about the latest tech advances.

Emerging Innovation

CES 2018 featured more than 20 Marketplaces. The following areas experienced double digit growth from their 2017 footprints:

- Vehicle Tech
- Augmented Reality
- C Space
- Drones
- Eureka Park
- Robotics
- Smart Home



CES Unveiled Las Vegas

CES Unveiled, the official media event for CES 2018, featured more than 200 exhibiting companies showcasing exciting products to journalists before the show even started. Exhibitors offered a preview of products launching at the show to more than 1,900 members of the media, covering the latest in sports tech, AR/VR, robotics and AI. After CES Unveiled, media days continued the next day, with exhibitors like LG, Samsung, Sony, Toyota and Qualcomm hosting news conferences to make major product announcements.

CES Ambassador

Former NBA superstar and entrepreneur Baron Davis served as this year's CES Ambassador. After a 13 year basketball career, the retired NBA All-Star now works with Baron Davis Enterprises. He created several companies, such as No Label Productions and Black Santa, was an original investor in Vitaminwater, and helped launch organic retailer Thrive Market.

Compelling Keynotes

Top executives from major global brands took to the CES stage to introduce products, make company announcements and provide insight into the future of innovation, including:

- Intel CEO Brian Krzanich
- Ford CEO Jim Hackett
- Huawei CEO Richard Yu
- Turner Broadcasting CEO John Martin
- Hulu CEO Randy Freer
- Former A+E Networks President and CEO Nancy Dubuc
- MediaLink President and COO Wenda Harris Millard

New for 2018

CES continues to add new opportunities. CES launched three new Marketplaces this year: Artificial Intelligence (AI), Design & Source and Hi-Tech Retailing. The AI Marketplace showcased 13 exhibitors across 12,743 net square feet while the Design & Source area featured 760 exhibitors showing the latest in advanced marketing, advertising and communications.

The CES Sports Zone also debuted, showcasing products and events focused around tech for athletes, venues, eSports and next-gen sponsorships. This year also featured a dedicated Marketplace for 42 of the most advanced smart city-focused companies, such as Deloitte and Ericsson, who are advancing 5G technology and creating entirely connected ecosystems for global smart city sectors. For more information on these Marketplaces, see pages 20-25.

Sustainable Efforts

CTA is a champion of green initiatives and a plethora of opportunities at CES support the environment. CTA donated more than 1.6 million net square feet of carpet after the show, and recycled nearly 1,300 tons of materials at the Las Vegas Convention Center and the Sands Expo and Convention Center. CES also featured Sustainability Day, which included environmentally-focused panels, a Eureka Park sustainability tour, and an announcement of the CES Climate Change Innovator Award winners.



Eureka Park

Eureka Park is the flagship startup destination at CES, providing a unique exhibiting opportunity for up-and-coming companies to share ideas, launch a new product, make business deals and receive media coverage. Many of the startups draw venture capitalists and investors looking for the next big thing in technology. Eureka Park grew 50 percent this year, featuring more than 1,000 startups from 42 different countries. Read more about Eureka Park's success on page 23.

C Space

C Space returned to CES to show how technology is influencing the advertising, marketing and entertainment communities. In its fourth year, C Space is the experiential program for content developers, marketing executives, and anyone else looking to understand the future of these markets. Read more on page 25.

Tech Policy in Vegas

Policymakers and regulators also come to CES to engage with revolutionary tech companies and participate in conference programs that examine hot-button tech policy topics. More than 170 government officials from international, federal, state and local offices convened this year. U.S. government leaders included Acting Federal Trade Commission Chairman Maureen Ohlhausen, Secretary of Transportation Elaine Chao, three members of the Federal Communication Commission, and Michigan Governor Rick Snyder.

Other top level U.S. government attendees came from the White House, the Environmental Protection Agency, the Federal Aviation Administration, and the National Telecommunications and Information Administration. CES also featured more than 100 foreign delegations and elected or appointed officials from 10 countries, including France, Japan, the Netherlands, Nigeria, Korea and Togo. The annual Leaders in Technology Dinner honored the policymakers and technologists that are working to advance tech innovation. Lyft Co-Founder and President John Zimmer delivered the evening's remarks on how he started the app and the future of ridesharing.

Honoring the Best in the Industry

- The CES Innovation Awards honor outstanding design and engineering in consumer technology products across 30 product categories.
- The Best of CES Awards, presented by Engadget.
- The Extreme Tech Challenge (XTC) gives contenders a chance to compete in the final round held at Richard Branson's Necker Island.
- Gary's Book Club sponsored by Barnes & Noble, showcases the works of prominent tech authors including Ross Baird, Asi Burak, Peter Csathy, John Grisham, Mark Hatch, Thomas Hazlett, Neal F. Kassell, Coleen Sterns Leith, Steve Miller, Laura Parker, Chris Snook, Stephen Wolfram, Travis Wright, Mariya Yao and Adelyn Zhou.

CES 2018 BY THE NUMBERS

- 2.75+ million NSF
- 4,460+ exhibitors
- 182,000+ attendees
- 63,000 international attendees
- 1,000 Eureka Park startups
- 6,500 media
- 150+ countries
- 800+ speakers



CES is a four day tech experience where the leading minds in the CT industry connect, do business and get a glimpse of the future of technology. CES will return to Las Vegas January 8-11, 2019. For more information, visit [CES.tech](https://ces.tech).





Smart Cities

The core technologies for smart cities – sensors, imaging, lighting, energy generation, vehicle technology and intelligent data management – represent the strengths of many CTA members. Many of these companies see a role in creating smart city solutions. The arrival of 5G wireless connectivity will be an invaluable tool in developing hyper-local services.

Smart Cities at CES 2018

The Smart Cities Marketplace, and a conference track about connected and smart technologies were new features at CES 2018. The Smart Cities Marketplace featured enabling technology such as artificial intelligence systems, sensors, data analytics, transportation, network infrastructures, and other devices and services. The multi-day conference agenda highlighted 5G technologies and public/private partnerships and also included presentations by experts in utilities, health, safety and other public services.

The new CES initiatives show developments that are making cities more efficient, sustainable and responsive through the use of data to enable better processes and decision making. The new Smart Cities agenda was designed for city planners and decision makers to explore these world-changing technologies.

CES Session Topics Included:

- Smart Cities and Venues
- Smart Transportation
- Smart Energy and Smart Grid
- Public Safety
- Healthcare
- Data, Analytics and Security
- Artificial Intelligence
- Governance and Policies

CTA Market Research

More than \$34 billion will be spent to create smart cities worldwide by 2020, according to CTA market research. CTA predicts there will be at least 88 smart cities worldwide by 2025. The value of enhanced, efficient services is underscored by a United Nations report which expects that two-thirds of the world's population will live in cities by 2050 (up from half today and one-third 55 years ago).

CTA and United Parcel Service (UPS) assessed the current and emerging implications of using “sensorization” and IoT technologies in communities, cities and especially in transportation systems in its 2017 report, *The Evolution of Smart Cities and Connected Communities*.

This research reviews what U.S. cities are planning to do to be “smart” or “connected.” The study identified a 38 percent jump in the number of smart city projects globally from 2013 to 2016. CTA cited estimates that the global smart cities market will be a \$34 billion sector by 2020.

A SMART CITY CASE STUDY

Peña Station NEXT, near Denver International Airport, exemplifies the new town approach: a self-sufficient community that embraces smart technology, clean energy and mobility. The developers are working with Panasonic Enterprise Solutions to create a global showcase for smart, sustainable, connected living. Peña Station NEXT uses real-time data from a smart city street network for monitoring road conditions, live-testing autonomous mobility, and will soon launch a fully-connected wellness center.

Sports Tech

Technology is revolutionizing the world of sports, from enhancing the performance of both amateur and professional athletes, to how we consume sports entertainment in our homes and at the arena. Display innovations such as 4K Ultra HDTVs and virtual and augmented reality are shifting sports entertainment in our homes, while innovations in training, fueled by technology, are changing the way athletes hone their skills. In 2018, sports tech is expected to earn \$90 million in revenue according to CTA's *Sales and Forecast* report.

Sports Tech at CES 2018

CES featured a number of Marketplaces and Conference Tracks focused on the fast-paced world of sports tech.

The CES Sports Zone Marketplace, Presented by Turner Sports and the Sports Innovation Labs, combined sports tech exhibit space with four days of conference programming. The Marketplace included smart products aimed at improving athlete performance, smart venues enhancing the attendee experience at sporting events and sports technology sponsorships. The Marketplace featured 28 exhibitors covering more than 13,000 net square feet of space.

The Sports Business Innovation conference program, presented by Turner Sports, is a convening of leading executives and influencers with a focus on ways technology is disrupting and accelerating the business of sports. The multi-day program focused on diversity and empowerment, sports for social change, and community development, along with opportunities and challenges facing content owners and distributors.

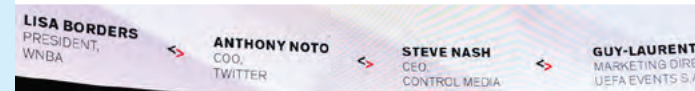
At the Fitness & Technology Marketplace, attendees discovered the latest developments in digital fitness to make workouts and outdoor activities fun and informative. Products included fitness tracking devices, smart fabrics for heart-rate monitoring, and other solutions targeted at lifestyle markets.

BRINGING SPORTS TECH TOGETHER

CTA's Health and Fitness Technology Division explores where health and fitness meets consumer technology. This group seeks to raise awareness of how consumer technologies and services can help improve health and fitness.

CTA Market Research

Though the sports tech category – consisting of products such as a smart basketballs or baseball bats, is a relatively nascent one, CTA expects it to move 753,000 units in 2018 (an increase of 30 percent), while earning \$90 billion in revenue (an increase of 24 percent). A recent CTA study, *Tracking Trends in Sports Technology: A Sports Technology Market Outlook*, produced in partnership with Sports Innovation Lab, identifies the five essential trends in sports tech as: the quantified athlete, smart venues, next gen sponsorships, immersive media and eSports.





Vehicle Technology

Automotive technologies, including self-driving cars, are poised to revolutionize the way we commute. CTA works to highlight automotive technologies by developing promotional campaigns and technological standards, as well as navigating the policy landscape for self-driving vehicles.

Automotive Technology at CES 2018

Las Vegas looked like a turbocharged Detroit when it came to vehicle technology at CES. Named one of *USA Today's* 10 best automotive shows, CES is at the center of making cars safer and drivers more connected. Attendees experienced the latest in concept cars, self-driving tech and connected vehicles from 182 exhibitors in the more than 290,000 net square feet of vehicle technology exhibit space. CES 2018 featured 11 automotive original equipment manufacturers in exhibits or meeting space: BMW, FCA, Ford, GM, Honda, Hyundai, Kia, Mercedes, Nissan, Toyota and Volkswagen.

Policy

Self-driving vehicles and connected cars have the potential to reduce more than 90 percent of accidents caused by human error, eliminate time wasted in traffic and reduce congestion. The race to put these cars on the road is fueled by the desire to help people, including those with disabilities and the elderly. However, automakers face regulations that limit the adoption of this new technology. Although the benefits are significant, the industry must address a number of issues to ensure the success and mainstream adoption of self-driving vehicles.

The industry needs to:

- Establish standards for highway signs and lights.
- Devise new approaches to regulating spectrum, liability, insurance and safety.
- Consider revised highway rules, parking structures and car-ownership paradigms.

CTA is encouraged by the federal government's interest in self-driving cars and looks forward to collaborating with federal and state agencies to safeguard against government mandates that could stifle innovation and technology development.

CTA also produces the annual U.S. Innovation Scorecard and International Innovation Scorecard, two yearly indexes that evaluate innovation-friendly policies both domestically and internationally. One criteria taken into consideration for both indexes is foreign and domestic friendliness towards self-driving vehicles.

CTA Divisions, Working Groups and Councils

CTA's Vehicle Technology Division seeks to grow consumer awareness of in-vehicle technology, foster the expansion of the pool of qualified technicians and engage the makers of innovative technologies in the vehicle through advocacy and promotional activity.

The Self-Driving Vehicles Working Group encourages the adoption of self-driving vehicles and driver-assist technologies across American roadways expediently and safely.

Eureka Park

As CES' premier area for startups, Eureka Park helps small businesses from all over the world get attention and support. Sponsored by the National Science Foundation and Techstars, the Eureka Park Marketplace is spread across the first floor of the Sands Expo and Convention Center, and provides an exclusive opportunity for entrepreneurs to launch a new product or service.

Eureka Park allows new companies to find the investors, audience and support they need to grow. For many companies, Eureka Park gives them the boost they need. Since 2012, more than 1,100 startups have used the CES showcase to propel their products and have been funded at more than \$1.5 billion.

In 2018, Eureka Park grew by 50 percent thanks to more than 1,000 exhibitors. The event's size helped attract 3,500 financial professionals and 7,000 media and investors hoping to find the next unicorn.

Some of the businesses in Eureka Park deal with the world's biggest issues, and are focused on sustainability, security, and health and fitness. For example, the Northwestern startup Lifedoor created a device that integrates with a home's smoke detectors to automatically close the doors in case of a fire, giving victims vital extra time to escape before it spreads. Lifedoor and other companies in Eureka Park have embraced disruptive tech, using connectivity, high-powered computing and artificial intelligence to make a difference.

A Global Stage for Startups

Companies from 42 countries attended Eureka Park coming from every continent but Antarctica. You could find countries with thriving tech communities,

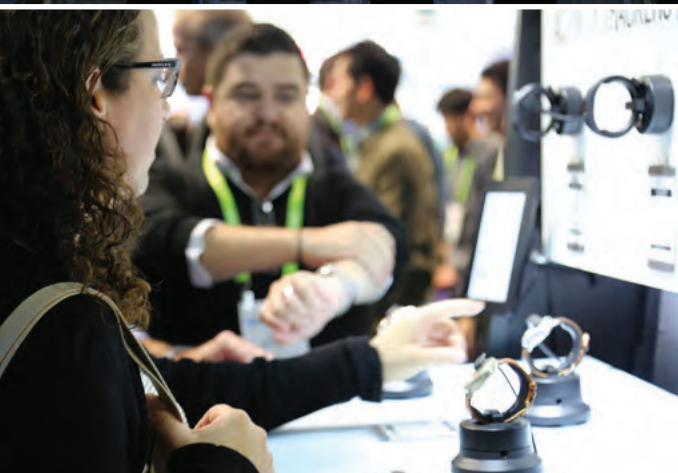
like Italy, Holland and Canada, as well as countries where tech startups are growing, like Estonia, Tunisia, Poland, Chile and Turkey. Outside of the U.S., France featured the most startups, with 287 businesses showcasing tech. Other popular countries were the Netherlands with 60 startups, and China and South Korea, with 52 companies.

Top Exhibitors at Eureka Park

Plenty of companies at Eureka Park achieve success, whether it's through funding or media attention:

- **BenjiLock:** This smart fingerprint-based padlock was featured on *Shark Tank* after debuting at CES.
- **SaveOurLovedOnes:** The passion project of an 83-year-old woman, this device detects high temperatures in closed cars to protect children and pets.
- **Modobag:** Attendees got a chance to ride around the halls of Eureka Park on this battery-powered, motorized suitcase.
- **Cosmo Connected:** An attachable brake light for motorcyclist's helmets sparked enthusiasm at CES for the French company.
- **Sense Arena:** With a VR headset paired with a hockey-stick and attached sensor, this Czech startup created a hockey training program accessible from any computer.





Design and Source

As the tech world becomes more competitive every day, startups need all the help they can get to succeed. The Design & Source Marketplace at CES, presented by Alibaba.com, offers businesses the chance to find production experts who can help take their product to the next level.

The Design & Source Marketplace debuted this year at CES 2018, offering attendees a centralized location to find the latest technology and companies to help create their product or business. Across 110,000 net square feet in the South Plaza of the Las Vegas Convention Center, 800 exhibitors showcased innovations in manufacturing, design, retail and sustainable packaging. At the Marketplace, show goers found booths on product design, product sourcing and creating product-to-market strategies to help them stand out in the competitive global market.

The Design & Source Marketplace featured top companies, such as Alibaba, Design Partners and Suning Appliance Group. Attendees got the chance to meet with potential partners from across the world, including mainland China, Hong Kong, Japan, South Korea and Taiwan. The business Core77, for example, showcased innovative publishing ideas and solutions for engineering and tech-based companies. Other companies on display offered the latest technologies for your business, such as digital displays, interactive marketing features, or software to help sell products.

Stellar Programming

The Design & Source Conference Track featured two sessions on how to take ideas to market. The first session, “Customer Demand for Sustainability” brought together speakers from Staples, Best Buy, the World

Resources Institute and CTA to discuss how to make a new product as environmentally friendly as possible. Then, experts from Nissan, L’Oreal and IDEO shared the latest trends in design at the session, “Design Thinking for Your Business.” Design & Source was also home of “Navigating the Global Marketplace,” which explored how businesses can use big data and product sourcing to think globally in today’s competitive marketplace.

The tech industry is built on the ingenuity of startups, and CES offers this new platform to help grow businesses. Whether you are a global brand hoping to help other businesses, or startup looking for a prototype, the Design & Source Marketplace is the place to find partners who can grow and expand your business.



C Space

Media companies are in the midst of major disruption. Traditional content companies are racing to become more proficient in using technology to distribute their programming. Because technology has changed consumers' consumption habits, traditional business models are being upended. The result is a paradigm shift toward the need to deliver excellent experiences that consumers want as well as produce premium content.

These companies must make investments in technology to apply data to better impact how they respond to customers and conduct business. To stay ahead, companies must continue to reinvent themselves and adapt to new business models — whether it's direct-to-consumer, ad-supported, or transactional.

CES created C Space to help executives understand this changing ecosystem. This CES program showcases how technology is influencing advertising and entertainment at the world's largest gathering of technology, brands and media. At CES 2018, marketers, creatives and innovators came to experience the new technologies that are changing consumer behavior, engage with technologies like artificial intelligence and AR/VR, and to see CEOs and CMOs discuss data-driven marketing and measurement.

CES attendees heard from leaders in content creation, major studios and top advertising firms on how disruptive trends are going to change the future of brand marketing and entertainment.

C Space Storytellers Conference Track

During a fireside chat at CES 2018, Fidji Simo, Facebook's vice president of product for video, and Kerry Washington, Emmy and Golden Globe nominated

actress, producer and activist, and executive producer of the new Facebook Watch show, *Five Points*, explored innovative ways the cast and creators of the show are using Facebook to build and develop community.

The star of ABC's *Scandal*, Washington said the scripted teen drama she's executive producing for Facebook Watch, is an example of how technology is eroding the clout of Hollywood's traditional power brokers. "The latest inspiration for storytelling in the digital and tech space involves more voices at the storytelling table," she said. "Hollywood is going to spend a lot of time grappling with this. The power of the gatekeepers is being lessened and lessened."

C SPACE TOPICS:

- Purpose-driven brands
- Artificial intelligence
- When to embrace original content creation
- Data, analytics and transparency

C Space Influencer Studio

To understand how leaders in media, marketing and advertising think about their changing world, the C Space Influencer Studio highlighted notable voices from the content and creativity communities. The C Space Influencer Studio included discussions about what tech trends mean for media businesses and their industries.

Designed for global innovators, marketers and creatives, C Space explores the latest technology trends shaping the advertising, content, entertainment and marketing landscapes.



Major Brands Participating in C Space Include:

- | | | |
|----------------|----------------|-------------------|
| • A+E Networks | • Hulu | • Samsung Ads |
| • Adweek | • MediaLink | • Snapchat |
| • Campaign | • NBCUniversal | • Spotify |
| • Google | • NextVR | • Variety |
| • Hearst | • Nielsen | • Warner Brothers |





CES ASIA 2018

CES Asia returns to Shanghai from June 13-15, 2018 for its fourth annual show. As the premier consumer technology industry event in Asia, the show highlights the extensive innovative value chain in the Asian marketplace for global brands and startups. This year, some 500 companies across 20 product categories are expected to meet in the Shanghai New International Expo Centre (SNIEC) for CES Asia.

As one of the fastest growing technology trade shows in the Asian market, it has become an essential event for businesses launching products or looking for cross-market partnerships. It provides a platform for key global businesses to grow and reinforce their brands by showcasing the latest products and technologies to industry executives, foreign buyers, media and a limited number of consumers from China.

Owned and produced by CTA and co-produced by Shanghai Intex Exhibition Co., Ltd, CES Asia brings together some of the largest companies and thought leaders in one location. It has become the platform for key global and domestic businesses to grow in Asia.

Continuing with Success

Last year, CES Asia continued its extraordinary growth in the Asian market, hosting 464 exhibitors from 22 countries, regions and territories. More than 38,000 attendees and over 1,200 media members filled the halls of the SNIEC to see the latest devices and inventions Asia has to offer, spread out across 19 product categories such as audio, drones, robotics and IoT.

CES Asia Keynotes

CES Asia includes a vibrant conference program that highlights advances in global tech led by experts across multiple technology industries. The conference track features more than 40 hours of diverse programming and more than 100 speakers.

Hundreds of Companies are Exhibiting at CES Asia 2018, Including:

- | | | |
|---------------------|----------|-----------|
| • 360 | • BYD | • Hyundai |
| • Alibaba A.I. Labs | • BYTON | • Monster |
| • Baidu | • Huawei | • Suning |

CES Asia is the place to learn about the innovations fueling the Asian market, bringing together leaders from nearly every facet of consumer tech. For news on CES Asia, visit CESAsia.com.

CES ASIA 2018 PROJECTIONS

- Five exhibit halls
- 40,000+ attendees
- 22 countries, regions and territories
- 500 exhibiting companies
- 1,200+ media
- Major themes: Innovation, Connectivity and Robotics
- 20 product categories



INDUSTRY EVENTS

CTA hosts events during the year to educate the consumer technology industry and bring together manufacturers, retailers, media and market leaders. From the flagship CES to CEO Summit and Innovate Celebrate, CTA works year-round to grow and shape the future of consumer technologies.



CES on the Hill

CES on the Hill is an invitation-only event open to members of Congress, Hill staff, press and invited guests to see technology advances and learn about how tech is growing the U.S. economy.



Digital Patriots Dinner

Held alongside CES on the Hill, the Digital Patriots Dinner honors industry and policy leaders that support consumer technology advances as well as the legal and regulatory framework that encourages the industry to grow.



CTA Technology & Standards Forum

Technical experts and engineering professionals across a diverse range of consumer technology product categories consider, develop and finalize the next generation of industry specifications and technical standards.



CES Asia

Owned and produced by CTA and co-produced by Intex Shanghai, CES Asia™ is the leading event for the consumer technology industry, showcasing the full breadth and depth of the innovation value-chain in the Asian marketplace.



CEO Summit

CEO Summit is an invitation-only event that brings together top level decision-makers from major consumer technology companies to meet and network in an exclusive, executive-only environment. This year the event will be held in Barcelona.



Innovate Celebrate

From disruptors and startups to the most established brands, Innovate Celebrate connects the consumer technology industry around the theme of fostering innovation.



Rep. Susan W. Brooks (R-IN)
U.S. HOUSE OF REPRESENTATIVES

2018
digital
patriots

Rep. Hakeem Jeffries (D-NY)
U.S. HOUSE OF REPRESENTATIVES



CT
Consumer Technology
Hall of Fame

CT Hall of Fame Dinner

The annual Hall of Fame Dinner honors the visionaries in the consumer technology industry whose contributions have made possible the products, services and technologies that consumers enjoy today.

CES
Unveiled New York

CES Unveiled New York

The CES Unveiled series brings together technology companies, media and analysts with a focus on innovation. This event features CTA's annual holiday sales forecast, the CES press conference and a networking reception so press can see the latest tech products.

CES

CES®

Held in Las Vegas every year, CES is the world's gathering place for all who thrive on the business of consumer technologies and where next-generation innovations are introduced to the marketplace.

CTA 2018 EVENTS

CES on the Hill

April 16
Washington, DC

Digital Patriots Dinner

April 17
Washington, DC

Technology & Standards Spring Forum

May 1-3
Santa Clara, CA

CES Asia 2018

June 13-15
Shanghai, China

CEO Summit

June 24-27
Barcelona, Spain

Innovate Celebrate

October 15-17
Boston, MA

CT Hall of Fame Dinner

November 7
New York, NY

CES Unveiled New York

November 8
New York, NY

CES® 2019

January 8-11
Las Vegas, NV

For more information on CTA events, call 703-907-7600 or visit **CTA.tech**.

POLICY

CTA works to ensure that new technology and innovative online platforms aren't threatened by overreaching mandates and outdated rules in local, state and federal governments. CTA's tech agenda calls on federal and state governments to stop patent trolls, create a skill-based immigration system, provide additional wireless broadband spectrum, eliminate regulatory and tax burdens for innovators, protect consumers' digital privacy and promote pro-innovation environmental policies, among other issues.



Patent Reform

Frivolous litigation brought by so-called "patent trolls" drains \$1.5 billion a week from the U.S. economy. Innovators must spend this money on lawyers rather than research and development, marketing or creating jobs. CTA supports patent legislation reform that combats the explosion of lawsuits brought by patent trolls that victimize entrepreneurs and startups.

Immigration Reform

Immigrants start small businesses, roughly employing 4.7 million people and generating billions in revenue. CTA supports strategic immigration reforms that encourage foreign-born entrepreneurs and U.S.-educated immigrants to remain in the U.S. to build businesses and create jobs.

Spectrum

Many consumer technology innovations are connected to the web and to one another. With consumers using more spectrum-hungry devices like tablets, smartphones and streaming devices, more unlicensed spectrum is needed. To keep pace with innovations, Congress and the Federal Communications Commission need to explore putting more of this spectrum to use, promoting innovation and job creation.

Trade

International trade plays a vital role in the consumer tech sector and the U.S. economy. As Congress looks to renegotiate and/or withdraw from the North American Free Trade Agreement (NAFTA), Trade in Services Agreement (TiSA) and Transatlantic Trade and Investment Partnership (T-TIP) it must consider the economic impact these decisions have on American jobs and companies.

Self-Driving Cars

Self-driving cars and connected cars have the potential to reduce more than 90 percent of accidents caused by human error, help eliminate hours wasted in traffic and reduce congestion. CTA is encouraged by the federal government's interest in self-driving cars and works with federal agencies to encourage the safe and expeditious rollout of new mobile technologies.

Drones

CTA is working with elected officials and government regulators to ensure that drone technology is safely integrated in the nation's airspace. As part of this initiative, CTA supports the "Know Before You Fly" consumer safety campaign, encouraging responsible use of drones.

Privacy and Security

CTA believes we need to have a national conversation about encryption. That discussion belongs in Congress, with participation from security experts, the technology industry, privacy groups and consumers. CTA works to encourage best practices in privacy and security while avoiding mandates that smother innovation.

Environmental Sustainability

Industry initiatives are helping to make recycling old electronics as easy as buying new ones. U.S. manufacturers are committed to reducing e-waste and adverse environmental effects. However, state proposals to regulate recycling requirements with arbitrary burdens and costs threaten to stifle the industry's success.

Promoting Emerging Technologies

New technologies and trends – including artificial intelligence, the sharing economy, and augmented and virtual reality – are threatened by overreaching or outdated rules from local, state and federal governments. CTA organizes grassroots advocacy campaigns and works with coalitions to protect the innovation economy from laws and rules which delay, restrict or ban the development of new tech. Visit [CTA.tech/policy](https://cta.tech/policy).

PARTICIPATE IN CTA'S GAC CTA's Government Affairs Council (GAC) focuses on the public policy issues that impact the consumer technology industry. GAC holds monthly meetings to update members on the latest news from Capitol Hill and is subdivided into working groups.

Innovation Scorecards

CTA produces two reports that evaluate innovation-friendly policies in the U.S. and abroad. The U.S. Innovation Scorecard – now in its fourth year – evaluates all 50 states on 12 indicators including undergraduates earning STEM degrees and laws governing emerging technologies such as drones, self-driving cars, ridesharing and short-term rentals.

The inaugural International Innovation Scorecard grades 38 countries and the European Union across 12 similar categories and from a uniquely American perspective in areas essential to global leadership in innovation: diversity, the ratio of female-to-male employees in the workplace, immigrants as a share of the national population, and freedom of thought and expression. Visit [CTA.tech/scorecard](https://cta.tech/scorecard).

CTAPAC

YOUR VOICE IN CONGRESS

The Consumer Technology Association Political Action Committee (CTAPAC) protects CTA members' freedom to build and sell consumer technology products. CTAPAC is the only political action committee that specifically advocates on behalf of the consumer technology industry. Participation in the system through a robust PAC allows CTA to have a voice in the political process and empowers advocacy efforts with the additional resources needed to succeed.



HOSTING EVENTS ON CAPITOL HILL

The CTA Innovation House on Capitol Hill is a unique venue for educating policymakers and staff and letting them experience cutting-edge technology firsthand. More than 125 events were held in 2017 ranging from political fundraisers to policy briefings, coalition meetings and product demonstrations. CTAPAC hosted more than 30 fundraising events at the Innovation House with more than 100 members of Congress visiting the space, including Republican and Democratic House Leadership.

MARKET RESEARCH

CTA market research focuses on every part of the \$351 billion consumer technology (CT) industry to help members make informed business decisions. CTA's comprehensive market research includes industry sales statistics, forecasts, economic analysis and consumer research valued at more than \$1 million annually.

CTA's industry knowledge is relied on by the technology community, financial markets, the media and economists. CTA member companies can access CTA's publications, webinars, presentations and research events all year. Members can also reach out to industry analysts and research library staff.



CTA's Research Summit at CES 2018

More than 2,000 professionals attended the 10 sessions at CTA's Research Summit at CES 2018. Sponsoring companies included Deloitte, GfK, the NPD Group, AIG, Kelley Blue Book and Insights Association. Programming addressed key CES trends, such as: content, retail, self-driving vehicles, holiday tech sales, augmented and virtual reality, artificial intelligence and tech-based enterprise.

Research Library

CTA's team of professional librarians is a valuable member resource, fielding the most challenging requests using CTA research as well as other sources. Contact the CTA Research Library at 703-907-7763, or via email: info@CTA.tech.

Webinars, Presentations and Events

Participate in CTA market research webinars and presentations led by industry experts for insights into the latest industry research and trends, including seasonal updates, political events and economic overviews. CTA's webinars are free to members and can be accessed for a fee by non-members.

Consumer Research

CTA also produces more than two dozen reports each year:

Recent and Upcoming Releases

- *20th Annual Ownership & Market Potential Study*
- *Consumer Perceptions of Smart Home Product Investments*
- *Understanding In-Vehicle Tech Use & Purchase*
- *Economic Impact: Self-Driving Vehicles*
- *Assessing the Landscape for Digital Therapeutics*
- *Pet Technology: Ownership, Use & Perceptions*
- *Current and Future Prospects of Artificial Intelligence*
- *Audio Technology Preferences of Young Consumers*

Forecasts and Market Reports

- *CTA MarketMetrics Quarterly Outlook Q4 2017*
- *U.S. Consumer Technology Sales and Forecasts – January 2018*

CTA PUBLICATIONS

CTA provides members with the latest technology and industry news and information throughout the year.



It Is Innovation (i3) – CTA’s flagship magazine focuses on innovation in technology, policy and business as well as the entrepreneurs and startups that grow the consumer technology industry. *i3*’s content is also available at CTA.tech/i3.



Digital America – An educational resource for the tech industry, this annual publication offers insights, trends, market research, data and analysis across 10 product categories as well as a timeline of significant industry milestones.



Five Technology Trends to Watch – Published annually, *Five Techs* uses the latest CTA market research and analysis as well as third-party research to predict which products and services will transform consumer’s lives.



Consumer Technology Association Blog – The CTA Blog covers CTA initiatives, relevant issues and research, as well as industry trends.

Consumer Technology
Association **SmartBrief**

CTA SmartBrief – This free, daily e-newsletter provides a summary of the top tech news stories to keep insiders informed of the latest industry news.

INDUSTRY SALES DATA

CTA delivers industry sales statistics – past, present and future – using the following resources:

- **CTA MarketMetrics:** Monthly and quarterly product-oriented reports monitor the health of the U.S. CT industry through shipment volumes and revenues.
- **Consumer Technology Extended Forecasts:** Published twice a year, CTA’s most detailed sales and forecasts report provides a five-year outlook on hundreds of products and features.
- **U.S. Consumer Technology Sales and Forecasts:** Based on the Extended Forecasts and CTA MarketMetrics, this report offers a high level look at sales trends in the CT industry, with data covering five years past and one year forward. Published twice a year.
- **Historical Consumer Technology Sales Data:** A comprehensive database of factory unit and dollar sales, average wholesale price and household penetration rates across more than 80 categories of CT products.
- **The CTA Research Library:** Synthesizes CTA Market Research and other sources enabling members to make the best business decisions.

TECHNOLOGY & STANDARDS

Interoperability between devices is critical in addressing the trends of technological innovation, marketplace globalization and regulatory reform. CTA's Technology & Standards team makes ongoing efforts to grow the technology industry by developing essential industry standards to enable interoperability between new and existing products on the market.

CTA functions as a vital connection between companies, retailers and consumers to establish a unified technology roadmap and tackles any impasses along the way. The CTA Technology & Standards program includes more than 70 committees, subcommittees, and working groups, and roughly 1,200 participants. The program maintains an unmatched reputation as a credible and flexible standards-making body accredited by the American National Standards Institute (ANSI).

CTA conducts innovative PlugFests each year focusing on connectivity and interoperability. These events allow manufacturers to come together and test interfaces in a semi-private, round robin fashion. Designers can sort out connectivity issues between different manufacturers before products reach consumers hands.

Technology & Standards committee, subcommittee and working group meetings are open to the CT industry and are free for CTA members. CTA works for the industry and, with help from the technology community, ensures our role as the national and global standards-developing organization.



Leading the Way in Health, Fitness and Wellness

The Health & Fitness Technology Subcommittee continues to grow and impact the industry. In 2017, two new working groups were formed to address stress tracking in consumer devices, and to create a framework for evaluating mobile health applications including categories such as accuracy, reliability and data practices.

Two new standards were published in 2017:

- The Sleep Monitors Working Group followed its first standard addressing definitions and characteristics of sleep with ANSI/CTA/NSF-2052.2, *Methodology of Measurements for Features in Sleep Tracking Consumer Technology Devices and Applications*, which outlines recommended performance requirements for sleep monitors.
- The Consumer EEG Working Group published its first standard, ANSI/CTA-2060, *Standard for Consumer EEG File Format (Attuned Container Format)*, which defines a file format for identifying and storing several data streams simultaneously from a consumer EEG device. An EEG (electroencephalogram) is a test used to evaluate the electrical activity in the brain, and can be used to diagnose certain conditions.

CTA also was named as the administrator for the new U.S. Technical Advisory Group that will develop U.S. positions on international standards being fostered by a new International Electrotechnical Commission (IEC) committee known as TC124, Wearable Electronic Devices and Technologies. This provides an avenue for CTA members to join in international standardization efforts in wearable technology.

PUBLISHED STANDARDS

Twenty-two standards were published in 2017, including the following new or revised standards:

- CTA-CEB16-B, *Active Format Description (AFD) & Bar Data Recommended Practice*
- CTA-CEB32.5, *Recommended Practice for ATSC 3.0 Television Sets, Audio*
- CTA-CEB32.3, *Recommended Practice for ATSC 3.0 Television Sets, Logical Layer*
- CTA-CEB32.4, *Recommended Practice for ATSC 3.0 Television Sets, Video*
- CTA-CEB21-A, *Recommended Practice for Selection and Presentation of DTV Audio*
- ANSI/CTA-2063, *Small Unmanned Aerial Systems Serial Numbers*
- ANSI/CTA-2051, *Personal Sound Amplification Performance Criteria*
- ANSI-CTA-2052.2, *Methodology of Measurements for Features in Sleep Tracking Consumer Technology Devices and Applications*
- ANSI-CTA-2060, *Standard for Consumer EEG File Format (Attuned Container Format)*
- CTA-2045-A, *Modular Communications Interface for Energy Management*
- CTA/CEDIA-CEB24-A, *Home Theater HVAC*

For more information, visit CTA.tech/standards.

Seeing the Future in Augmented and Virtual Reality

2017 brought the formation of a new working group focusing on common themes in augmented and virtual reality. Several projects are underway to create common definitions and characteristics, and to consider the viewer's quality of experience when it comes to augmented or virtual reality content.



New Standard to Help Consumers Identify Personal Sound Amplification Devices

In 2017, CTA published a new standard to help consumers identify personal sound amplification products (PSAPs). ANSI/CTA-2051, *Personal Sound Amplification Performance Criteria*, defines performance metrics and associated target values for consumer products (not medical devices) that help people hear. Because these devices

are not FDA approved, they cannot be called hearing aids. The goal of the standard is to establish minimum performance criteria for these consumer devices to improve consumer acceptance and grow the market.

INDUSTRY PROMOTIONS

CTA helps to grow the consumer technology industry by educating consumers about new products, services and technologies. CTA does this by telling tech stories using promotional campaigns focused on media placement, webcasts, interviews, speaking opportunities and CTA publications. Member companies can participate in campaigns that help to boost sales of CT products and services.

Promotional campaigns support product categories such as accessories, audio, health and fitness, wireless and video as well as the latest trends in vehicle tech, health, wellness and wearables, smart home, connected mobility, virtual reality and immersive entertainment technologies.



artificial intelligence and smart cities. Guests included Toyota's Hilary Cain, Living in Digital Times' Robin Raskin and CTA President and CEO Gary Shapiro. CTA also produced three episodes live from CES featuring roundtables with tech journalists and media partners.

ECycling Leadership Initiative

CTA's eCycling Leadership Initiative raises awareness of more than 8,000 CT collection sites, increases the amount of electronics recycled responsibly, highlights available collection opportunities, and provides transparent metrics on eCycling efforts. CTA hosts GreenerGadgets.org and an associated communications and marketing campaign to inform consumers about electronics recycling locations, energy efficiency of electronic devices and eco-friendly uses of CT devices.

CES Press Services

CTA promotes members' products before, during and after CES. CTA can help members develop a successful CES strategy with pre-show promotions, on-site press conferences and media engagement opportunities as well as access to the pre-registered press list.

CT Hall of Fame

Founded in 2000, the CT Hall of Fame honors visionaries who have paved the way for the products and services that improve consumers' lives. The Hall of Fame honors a new group of inventors, engineers, business leaders, retailers and journalists at its annual dinner. In 2017, CTA inducted industry leaders from Google, Blackberry, *TWICE*, Radio Shack, GreatCall and others at the Rainbow Room in New York City.

CTA Broadcast Studio

Located at the CTA headquarters in Arlington, VA, CTA's studio is used for media interviews, satellite media tours and other promotional opportunities. CTA members can book the studio for their broadcast media needs.

CT Cares

CT Cares is a social responsibility campaign that provides consumers with safety information and education including proper television placement, safe listening guidelines, responsible use of in-vehicle electronics and electronics recycling. CT Cares brings together CTA's initiatives to protect and promote the health and safety of consumers.

CES Tech Talk

In the lead up to CES 2018, CTA produced "CES Tech Talk," a podcast featuring industry experts talking about technology trends and what to expect at the show. Each episode highlighted a different CES or tech-related topic, such as C Space,

Innovation Entrepreneur Awards

The IEA awards program, sponsored by *It Is Innovation (i3)* magazine and the CTA Small Business Council, recognizes inspiring entrepreneurs, leading businesses and exceptional startups in the CT industry. The 2017 winners were Tom DeVesto for the executive award; GoSun for the small business award and Aira for the startup of the year award.

Digital Patriots

The annual Digital Patriots Dinner honors industry and government leaders for their constructive impact on the CT industry. The 2018 recipients, Reps. Susan W. Brooks (R-IN) and Hakeem Jeffries (D-NY), were honored at CTA's 14th Digital Patriots Dinner held at the Smithsonian American Art Museum and National Portrait Gallery.

CES Innovation Awards

The CES Innovation Awards is an annual competition honoring outstanding design and engineering in consumer technology products. Products are featured onsite at CES.

Mark of Excellence Awards

CTA's Mark of Excellence Awards recognize the best in custom integration and installed technology at CES.

CTA RESOURCES

CTA's websites and training programs educate retail salespeople, installers and technicians on the latest technology trends.

- **Mobile Electronics Certified Professionals (MECP):** This program is the only nationally recognized credential that certifies mobile technology installation technicians and sales people on automotive information technology, entertainment, navigation, and safety or security systems. With more than 50,000 installation technicians tested, the MECP program continues to demonstrate professionalism in the industry. MECP is owned and operated by CTA.
- **Electronic System Professionals Alliance (ESPA):** CTA, CEDIA and NSCA founded ESPA in 2006 to create a certification to meet the demand for properly trained electronics system technicians.

DIGITAL MEDIA PRESENCE

To ensure that CTA and its member companies are an integral part of the everyday conversations about consumer technology online, CTA has enhanced its digital media presence to include the following:

On the Web

- CTA.tech, the official home of CTA
- CES.tech, representing CES
- CTA.tech/blog, CTA's official blog
- CTA.tech/i3, *It Is Innovation (i3)*, CTA's flagship publication
- GreenerGadgets.org, shows how to sustainably use and recycle CT products

Facebook

Keeping our communities updated with the latest CT news

- Facebook.com/ConsumerTechnologyAssociation
- Facebook.com/CES

Twitter

Breaking news on CTA, CES and the industry

- [@CTATech](https://twitter.com/CTATech)
- [@CES](https://twitter.com/CES)

Snapchat

Follow for news and behind-the-scenes photos and videos.

- CTA on Snapchat is "[ctaofficial](https://www.snapchat.com/add/ctaofficial)"
- CES on Snapchat is "[cesofficial](https://www.snapchat.com/add/cesofficial)"

Instagram

Enjoy images from CTA events and other industry related programs.

- [@CTA](https://www.instagram.com/CTA)
- [@CESOfficial](https://www.instagram.com/CESOfficial)

YouTube

Follow CTA and CES on YouTube for videos covering the industry and CES.

- YouTube.com/CESontheTube
- YouTube.com/CTAontheTube

STRONGER TOGETHER

CTA member companies create the technologies, products and services that improve lives, provide jobs and make the world a better place. Join with CTA to ensure that companies can continue to innovate in the dynamic, vibrant tech industry. Whether your company is a startup or an established business, CTA works to foster an environment where businesses can grow and expand. CTA members enjoy the following benefits:



Advocacy

Track legislative activity and make sure your voice is heard on the Hill.

Market Research

Access to industry trends, consumer research and a staff of qualified researchers.

Research Library

Ensures accurate industry data to help members make the best business decisions.

CES

Eligible for booth discounts, priority points for space selection, a parking pass and other benefits.

Member-Driven Divisions and Councils

Network with peers and contribute to the growth of the consumer technology industry.

Events and Webinars

Make valuable connections with potential partners and peers at CTA events and through our webinar series.

Media Opportunities

Promote your product with CTA-sponsored media tours, which reach millions of consumers across more than 180 media markets each year.

Technology and Standards

Participate for free in Technology & Standards committees, subcommittees and working groups, and receive a 25 percent discount off published standards.

Industry News

Stay up-to-date on the latest news and trends with the CTA SmartBrief e-newsletter; CTA Member News; and our flagship magazine, *It Is Innovation (i3)*.

Mentor Program

Participate in our mentor program for advice on how to grow your business from seasoned professionals in your field. We also offer education and training at industry events and online.

Member Savings Programs

Save on general business services, from office supplies to business insurance.

USTechVets.org

Provides tech employers with free access to more than one million veterans, to help find high-skilled talent for open positions in the technology industry.

AVAILABLE MEMBERSHIPS

- **Regular** – Manufacturers or distributors of consumer technology, or providers of a technology that interoperates with a consumer electronics device.
- **Retailer/Integrator** – Companies that sell consumer technology products directly, or installers.
- **Associate** – Providers of B2B services within the consumer technology industry.
- **Startup** – Early stage manufacturers or providers of consumer technology or products.

Help guide CTA's strategic direction, enhance your career, expand your business and connect with other professionals. CTA's programs support our mission to grow the consumer technology industry. Join us! For more information, visit [CTA.tech](https://cta.tech). ■

Dong Guan Yong Fang Electronic Tech. Co. Ltd. | Dongguan Spang Precision Technology Co. Ltd. | **Doppler Labs** | Doria International Inc. | **Dot Brand 360** | Dow Corning Corp. | **DPI Inc. (Digital Products International)** | Draco Electronics LLC
Dragon Innovation Inc. | dreamGEAR LLC | **DreamJay Inc.** | Dreamworld USA Inc. | **DriveAssist Technologies** | Driversiti | **DroneTerminus** | Droplit Inc. | **DS International Inc.** | DSM Executive Search | **Dual Electronics Corp.** | Duke Ernst Equity Partners
Dunwell Tech Inc. | Durst Sebring Revolution | **Dutchman Trading** | DWC International | **Dwelling Developments LLC** | DXRACER USA LLC | **DXTR Labs Inc.** | Dynamic Control of North America | **Dynamics Inc.** | Dynaudio North America
E Power Technology | E2 Solves Inc. | **Eaglecell Inc.** | Ear Technology Corp. | **Earthquake Sound Corp.** | Eastech Electronics (Taiwan) Inc. | **Easy Living Technologies LLC** | eBest IOT | **Echobox Audio LLC** | Eco Innovations DBA Eco High Fidelity
Ecos Research | Ecovacs Robotics | **Edifier Enterprises Canada Inc.** | Edison Professional | **EDN Inc.** | Educonsultant | **E-Filliate Inc.** | Eforcity.Com | **Eggcyte** | Eggtronic Inc. | **Egismos Technology Corp.** | Ei Electronics U.S. Inc. | **EKEN Group Ltd.**
ELAC | **Elarm** | Electric IMP | **Electronic Home Solutions Inc.** | Electronic Integration | **Electronics Row** | Elegant Audio Solutions Inc. | **Elektrobit Automotive** | Elettromedia s.r.l. | **Elevate Technologies** | Elevation Sourcing | **Eleven! Creative Inc.**
Elgato Systems | **Eli Electric Vehicles Co. Ltd.** | eLifespaces | **eLife-Systems LLC** | Elite Media Solutions LLC | **Elite Screens** | EliteLux Technologies Inc. | **Elmos NA Inc.** | Elyptol Inc. | **Embedded360** | Emfit Ltd. | **Emmons Audio Systems** | Emoshape Inc.
Emotiva Audio Corp. | Emperor Corporation (H.K.) Ltd. | **Enblue Technology USA Inc.** | Endless | **Energen** | Energizer Battery Co. | **Energous Corp.** | Energy For All LLC | **Energy Technology Savings LLC** | Enevate Corp. | **Enflux** | Engagedin
Enlightened Home Integrations | Enorcom Corp. | **Enovize** | EOS TECH | **EPIKAR** | Epilog Laser | **eQuility** | E-Radio USA Inc. | **Ericsson** | ESI Cases & Accessories | **ESI Enterprises Inc.** | ESPN Technology | **Essel-T Co. Ltd.** | ETC Inc. | **Etekcity Corp.**
Ethereal Machines Pvt. Ltd. | **ETYMOTIC RESEARCH Inc.** | Eurofins Digital Testing | **EUROPEAN AMERICAN ARMORY CORP DBA THE ABDO** | Euro-Support Inc. | **Eva Media Inc.** | EVANS SALES & MARKETING Inc. | **Evercore ISI** | EverFi
Evergreen (C.P.) USA Inc. | Eversmart Automation Pvt. Ltd. | **Evertz USA Inc.** | EVOLVE Inc. | **Evolution Audio & Video** | EVRYTHNG | **Evus** | EWI Worldwide | **Exceptional Innovation Inc.** | eXclaim IP LLC | **eXead Inc.** | EXELUS | **EXO GAL** | Expedia Inc.
Expose.com | explorer.ai Inc. | **Exporttek Inc.** | Expotek PC Net Services Inc. | **Extron Electronics** | Eyedea | **Eyepatch Case** | Eyeque Corp. | **EZVIZ** | F O R T I T E C | **F&E Trading** | Facebook Inc. | **FACILASYSTEMS LLC** | Facil'iti | **FAMILY ATTENTION CENTER**
Fanstel Corp. | **Faraday & Future Inc.** | FAS Technology Inc. | **Fasetto LLC** | Feedback Enterprise LLC | **Fellow Robots** | Fellowes Inc. | **Fengfan (Beijing) Technology Co. Ltd.** | FenSens | **Fesco Distributors Inc.** | Fetch Robotics Inc. | **Fiat Chrysler Automobiles**
Fibaro USA | **Fidelity Security Services Inc.** | Finch Computing | **Finsix Corp.** | Firebrand Sport | **First Class Inspections** | First International Films | **Firstbeat Technologies Ltd.** | Firstech LLC. | **FiscalNote** | FitLife Inc. | **Fitbit Inc.** | FitNatic Inc.
Fitness Cubed Inc. | Five Elements Robotics | **Fizzics Group** | Flash Point Communications LLC | **Flective** | Flex | **Flexport LLC** | FLI Charge Inc. | **FlightScope** | FLIR Systems Inc. | **Flirtey Inc.** | Flo Technologies | **Florida Computer Project Solutions LLC**
Fluent.ai Inc. | **FLYTE LLC** | Focalcrest Inc. | **FoldiMate Inc.** | foneGEAR LLC | **Ford Motor Co.** | Forever Gifts Inc. | **Formlabs** | Fortegra | **Fortment Inc.** | Fortress UAV | **ForwardX Robotics LLC** | Foryou General Electronics Co. Ltd. | **Fossil Group Inc.**
Founders First Capital Partners LLC | **Fraunhofer USA** | Freedy | **FreeEats.Com** | Freely VR | **Freemans Stereo Video** | Freesia Networks | **Frontier Silicon Ltd.** | Fry's Electronics Inc. | **FSL3D** | Fuel3d | **Fujian Ezon Information Technology Co. Ltd.**
Fujifilm North America Corp. | **FulTECH Solutions Inc.** | Funai Corp. | **Furniture For Life** | Furriion LLC | **Furutech Co. Ltd.** | Fuse Chicken | **Fusion Musictech Pty Ltd.** | Fusion Systems LLC | **Future Motion** | Future Ready Solutions | **Futurian Systems Ltd.**
Fuzion Home Technologies | **Gadmei Electronics Technology Co. Ltd.** | GameCommerce Inc. | **GameStop** | Garrett Metal Detectors | **GBatteries** | GCK Products LLC | **Genesis Advanced Technologies Inc.** | Genican | **GENIUSYS** | Gentec International
GeoSpace Labs | Geroix Inc. | **gestigon gmbh** | Get ZENd | **GetWell.ai** | GHI International Ltd. | **GhostRunner Interactive LLC** | Gibson Brands Inc. | **Gibson Product Design Inc.** | Gigabyte Inc. | **Gigabyte Technology** | GIROPTIC | **Giveit**
GLA Communications | **Glassthub Inc.** | Gleeson's Audio Video | **Glen Echo Group LLC** | Global Cache | **Global Inventures** | Global Media Industry Group Co. Ltd. | **Global Mobile Alert Corp.** | Global Phoenix | **Global Security Systems LLC**
Global Teracomm | **Globo Comunicacao e Participacoes SA** | Gnarbox | **GNJ Manufacturing Inc.** | Go!Foton Corp. | **Goal Zero** | goBaby | **Gobiquity Inc.** | GOGO Band Inc. | **Golden Emperor International Ltd.** | Golden Media LLC
GoldenEar Technology LLP | Goldwood Sound Inc. | **Goeee LLC** | Google LLC | **GoPro** | Gosun | **goTenna** | Gowin Products LLC | **GPS Place** | Gracedigital | **Gracenote** | Grand Destiny Group | **Grande Technology Co. Ltd.** | GreatCall Inc.
Green Courte Partners LLC | Green Globe Construction Services | **Green Project Inc.** | GreenSight Agronomics | **Greensmart** | Greg Bosler Advisors | **Gregory FCA** | Greg's Sports | **Grepow Inc.** | Grid Connect Inc. | **GrooveWasher LLC**
Ground Zero GmbH | **Group West International** | Gryphon Mobile Electronics | **GTB Global Trade Berlin GmbH** | Guangzhou Beautifulrecorder Electronics Co. Ltd. | **Guangzhou Goldspin Electronic Technology Co. Ltd.** | Guangzhou Sun Ruo Film Co. Ltd.
Guangzhou Taiji Electronic Co. Ltd | Guillemot Inc. | **GYANT** | gyro | **H and N Brothers dba Cadence Acoustics Ltd.** | H. C. Park & Associates PLS | **Haier America** | HAIRMAX | **Hall Labs LLC** | HALOS AI Inc. | **Hamacher Resource Group Inc.**
Hamamatsu Corp. | **Handeholder Products Inc.** | Hangar Technology Inc. | **Hangatablet LLC** | Hangman Products Inc. | **Hangzhou Shining 3D Tech Co. Ltd.** | Happiest Minds Technologies Pvt. Ltd. | **Happy Plugs Inc.** | HaptX Inc. | **Harman Consumer Group**
Hartford Steam Boiler | **Hatzlachh Supply Inc.** | Hawthorne | **HD GURU Inc.** | Hdbaset Alliance | **HDCI - Heneveld Dynamic Consulting Inc.** | HDMI Licensing Administrator Inc. | **Headspace** | Health Mate Sauna | **Health Union** | Health Vector LLC
HealthX LLC | Hearing Components | **HeartMath** | Hedgehog Hosting | **Henge Docks LLC** | HERE North America LLC | **Hermar's Inc.** | HEXA | **HiberSense** | HIDAN Inc. | **Hideez Group Inc.** | HI-DOW INTERNATIONAL | **HiFiMAN** | Higher Ground LLC
Highest Rated Wireless Inc. | Highpower International Inc. | **High-Tech Network** | Hillcrest Laboratories Inc. | **Hind-Sight Industries/Omni-Wearables** | Hippo's Home Entertainment | **Hisense International (HK) Ltd.** | Hitachi America Ltd.
Hivi Acoustics Inc. | HJS Markets LLC | **HKC Electronics Co.** | HKI SounDigital USA LLC | **HnB Connection** | Holi | **Home Connect Care** | Home Controls Inc. | **Home Entertainment Inc. (HEI)** | Home Etc Inc. | **Home Systems** | Home Theater Concepts
Hooch Inc. | HOPii Inc. | **Horse Automotive Inc.** | House of Marley | **Hoverboard Technologies** | HP Inc. | **HS INNOVATION GmbH** | HTC America Inc. | **HTSN** | Huami | **Huan Guang Technologies USA Inc.** | Huangshi Changkai Electrical Co. Ltd.
Huawei Device (Dongguan) Co. Ltd. | HUBSAN USA Corp. | **Hum Tum Agency LLC** | Humaneyes Technologies Ltd. | **Humetrix** | Humon | **Hushme Inc.** | HW360Team LLC | **HWH PR** | Hybrid Capital | **Hybrik Inc.** | Hydr8inc | **Hype Digital Innovation**
Hyper Microsystems | **Hypercel Corp.** | HYSight Technologies | **Hyundai Technology** | HZO | **I.C.E. Inc. DBA Infinite Therapeutics** | iBaby Labs Inc. | **iBenzer Inc.** | i-Blades Inc. | **IBM** | IC Realtime | **Ice Mobility** | Icelounge Media | **ICOP Technology Inc.**
iCreation Inc. | **Idea Electronics Inc.** | iDeal of Sweden | **Ideal-Pak Inc.** | Identity Ventures LLC | **iDevices LLC** | IDEYAH | **idime Inc.** | iFixOmaha LLC | **iFLYTEK Co. Ltd.** | IglooHome | **Ignition Design Labs** | iHealth Lab Inc. | **iHeartMedia** | iHome/SDI
IHSMarkit Technology | iJuze Corp. | **Illum Technology** | iLumintel Inc. | **Imaging Science Foundation Inc.** | IMAX Corp. | **IMD Squared Inc.** | iMicroData Corp. | **iMicroMed Inc.** | IMM Promotions | **Immedia** | Immerex Inc. | **Immotor LLC** | IMMY Inc.
Impact Gel | In Win Development (USA) Inc. | **InBody** | Incipio Technologies Inc. | **Incisal Edge Sleep Inc.** | Independa Inc. | **Independent Photo Imagers** | Indesign LLC | **Indie Health** | Indiegogo | **Infinadeck** | Infinity Lifestyle Brands LLC
Infiniwing, Inc DBA Landingzone | Informed XP | **informu Inc.** | InGear | **ingenierias y construcciones Eldepci SA de CV** | Ingram Micro Inc. | **Inhub Motors** | Initium Labs LLC | **InMotion Albums** | Innerspace Electronics | **Innex Inc.** | Innit Inc.
Innovat Design Inc. | Innovative Consulting and Marketing Inc. | **Innovative Technology** | Innovega Inc. | **INNXX LLC** | iNov8 Next Open Labs | **InRoad Toys** | Insta 360 | **Installer Institute Inc.** | InstallerNet Inc. | **INSTALLS Inc. LLC** | Instrument Sales and Service
Integem | Integrated Energy Technologies | **Integrity Home Theater** | Intel Corp. | **Intellisen** | Interactive Recreation LLC | **Interaxon** | IntercollegiatE-Sports Network Inc. | **International Flavors & Fragrances Inc.** | International Supplies | **Intheon**
Intrepid | **In-Vehicle Vending System** | Invisionate | **IOGEAR** | IOK Labs Inc. | **IoT Consulting LLC - Avi Rosenthal** | IOTAS Inc. | **IoTmechanic** | iOttie Inc. | **iPal Inc.** | iPatrol | **iPlus CONNECT** | IPRO | **IPS Safety Inc.** | Iris Dynamics Ltd. | **IRIVER Inc.**
IRONOVA LLC | **iRule LLC** | iSee.ai | **ISFTV** | ISI Technology | **iSmart Alarm, Inc.** | Isotope LLC | **Isowalk** | ITRI International Inc. | **Ivani LLC** | iWave | **iWear SmartWear** | iWorld LLC | **J5create** | Jacoti Inc. | **Jaguar Land Rover** | JAM Audio | **JAM Inc.**
Jasco Products Company | **Jasmin Infotech Pvt. Ltd.** | Jasper Display Corp. | **JBM Automation LLC** | JCPal Tech | **JDA Inc. Retail Ready Design** | JEDirect Corp. | **Jeenka Inc.** | Jensen Partners | **JEPP Industries Inc.** | Jethead Development Inc.
Jiangmen VIPO Electronic Technology Co. Ltd. | Jiangsu TX Plastic Optical Fibers Co. Ltd. | **JJ Yards LLC** | JK Imaging Ltd. | **JL Audio Inc.** | JLab Audio | **John Tesla Inc.** | Jon Clark Consulting | **Jouler Inc.** | JP Morgan | **JR Consulting** | JRS Ventures Inc.
JSL Marketing | Juristech | **Just Wireless/Best Case & Accessories** | JVCKENWOOD USA Corp. | **JYC** | JYRO | **K&A Audio** | KAB Computer Services LLC | **KAI Technology Inc.** | KaiOS Technologies Inc. | **Kaifo Electronics Inc.** | KAL Research|Consulting
Kaleidescape | Kanex | **Kano** | Karma Automotive LLC | **Karma Bed** | Karrot | **Kasda Networks Inc.** | KAT Enterprise LLC | **Katerra** | KBA Inc. USA | **KDX (Zhang Jagang Kandexin Optronics)** | KEF America | **Keith McMillen Instruments** | Kemmtek Inc.
Kenxen Ltd. | Kevro International Inc. | **Kids Drone Zone** | Kier Associates | **Kika Tech** | Kilo-watts Solutions | **Kimber Kable** | KinTsuru LLC | **Kiwi Wearable Technologies** | Kiwinano Technology Inc. | **KJB Security Products Inc.** | Klass Act Solutions
KMG Technologies Inc. | Knectek Labs Inc. | **Knowledge Connection LLC** | Knowmail | **Koehler Visuals LLC** | Koeppen, Elliott & Associates Ltd. | **Koito Group Co.** | Kolibree Inc. | **Konka Group Co. Ltd.** | Kopi Incorporation Ltd. | **Kopin Corp.**
Korex Technology Company Ltd. | **Koss Stereophones** | KOTRA (Korea Trade-Investment Promotion Agency) | **Krown Manufacturing** | Kryo Inc. | **Krystal Clear Audio-Video** | K-Technologies Inc. | **Kuaiwear** | Kuvings | **KWG GROUP** | Kwikset
Kworld (USA) Computer Inc. | KynnectME Inc | **La Crosse Technology** | Labruutories LLC | **LAMM Industries Inc.** | Landstone Group | **Lanzar Inc.** | Lattice Semiconductor Corp. | **Lawrence Berkeley National Laboratory** | Layer3 TV | **LEA Networks LLC**
LeakSmart | **LED Systems LLC** | LeddarTech | **Ledger** | LEDSENS LLC | **LeEco** | Leedarson Lighting Co. Ltd. | **LEENA Labs** | Leeo Inc. | **Legrand** | Lelech Audio Video | **Lenbrook America** | Lenovo Corp. | **Leo Burnett, USA** | Level Ex Inc. | **Levin Consulting**

Leviton Manufacturing Company Inc. | **Levy Gerzberg Consulting** | LG Electronics USA Inc. | **Lianchuan Industry Group (North America) Co. Ltd.** | Libratel Inc. | **Libratone** | LifeDoor LLC | **Lifefuels** | Lifeq Inc. | **Life's a Venture LLC** | Lifestyle Audio Video Inc. | **Lifestyle Innovation** | Lifetouch Inc. | **Lifeworks Technology Group** | Light | **Light Sail VR** | Lilliput Electronics (USA) Inc. | **Liloe Labs** | LIMA | **Limitless Innovations Inc.** | Limitless Ltd. | **Link AKC** | Linkbee | **ListenUp Inc.** | Livall Iot Technology Inc. | **Live Planet** | Livestream | **Living In Digital Times** | Living Intelligent Inc. | **Livongo Health** | LJK Investment Group | **Lobo Multimedia Servi  os e Participa   es Ltd.** | Local Motors Inc. | **Locoroll** | Loctek Ergonomic Technology Corp. | **Locus Design** | Logic Integration Inc. | **Logitech** | Loki Products Inc. | **Loksak Inc.** | Lonestar3D | **LonMark International** | L'Oreal | **Lose It!** | Lotus823 | **Lovehandle** | Ltemp Corp. | **Lucas Ventures** | Lucid Audio LLC | **Luma** | Lumi Legend Corp. | **Luminar Technologies** | LunaSleep | **Luraco Technologies Inc.** | Luszol LLC | **Lutron Electronics Co. Inc.** | LUVVITT LLC | **LVM ELECTRONICS LLC** | Lyft Inc. | **Lyons Interior Home Remodeling and HMS** | M Science LLC | **M&O electronics Inc.** | M&S Accessory Network | **MACH II PRODUCTIONS INC.** | Mack Camera Service | **Magellan GPS** | Magic Leap Inc. | **Magna International** | Magnadyne Corp. | **Magneceutical Health LLC** | Magnecomp Precision Technology | **MAGNIFLEX USA** | Maikii Inc. | **Major League Global Enterprise LLC** | Malektronic LLC | **Malliet Consulting** | Manfrotto Distribution | **Market Action Research Inc.** | Market Movers Holdings | **Marketing Instincts Inc.** | Marketing Matters | **MarketSource Inc.** | Maroon Vault | **Martian Watches** | Martin Freeman Consulting LLC | **MartinLogan Ltd.** | Mass Fidelity | **Massive Audio Inc.** | Master & Dynamic | **Matias** | Matrix Advisors LLC | **Mattel Inc.** | Matter and Form Inc. | **MAVi** | Max Borges Agency | **Maxell Corp. of America** | Maximum Entertainment | **MaxLinear Inc.** | MAXSA Innovations LLC | **Maxsystems** | Maxus Technologies (SZ) Company Ltd. | **Maxssonics USA Inc.** | Mayfield Robotics | **MBL North America Inc.** | MCIO | **McIntosh Laboratory Inc.** | MD AUDIO ENGINEERING Inc. | **MDM Associates** | Meade Instruments | **Medamonitor LLC dba LEVL** | MEDFIE | **MedHaul Inc.** | Media Strategies Inc. | **Medici Technologies** | Medipense Inc. | **Medi-Rub Corp. dba.Holly Int'l** | Medtronic Inc. | **Meeks Audio Group** | MEGAComfort | **MEM-CE LLC** | Memphis Audio | **Memphis Home Theater** | MeRaw Inc. | **Mercedes-Benz - A Daimler Brand** | Merge Labs Inc. | **Meridian America Inc.** | Mercury Innovations LLC | **MeshWorks Media Corp.** | Meta | **Metabolic Code** | Metamason | **MetaVerse Entertainment** | Metra Electronics | **Metro Social Media** | MHL LLC | **Microchip Technology** | Microcom | **Microej** | Microsoft Corp. | **Microvision Inc.** | MidCap Financial | **Middlerock Partners** | Midland Radio Corp. | **Midwest Trading Group** | MIGEAR International | **Mike Pecar Sales** | Mikme | **Miku** | Milestone AV Technologies | **Millionaire Gallery** | MindMaze | **Mindset** | Mindtronic AI | **MingFeng Packaging (USA) Inc.** | Mingtel Inc./Dba Azpen Innovation | **Mini Wing USA** | Minimum Phase LLC | **Minix** | Minut Inc. | **Mio Global** | MIOS Inc. | **Mission Audio Video** | Misty Robotics Inc. | **MiTek Electronics and Communications** | MITO Corp. | **Mixbin Electronics LLC** | MixFit Inc. | **Mizco International Inc.** | Mjoose | **MLB Advanced Media L.P.** | MMATS Professional Audio Inc. | **Mobilke Technology Inc.** | Mobile Price Card | **Mobilestack Inc.** | Mobileye Vision Technologies | **MobiSystems** | Mode Lab LLC | **Modobag** | Modoscio LLC | **Modsterz Technology Inc.** | Modus Systems (Tooshlights) | **Moduware** | MoffettNathanson LLC | **Mohu** | Moki International | **Momax Technology (Hong Kong) Limited** | Momento360 | **Momentum Data Systems** | Monday Motorbikes | **Monster Inc.** | Monument Labs Inc. | **MoreCom** | Morel | **Morphosense Canada** | Morrison | **Mosquitos Without Borders** | Mota Group | **Motion Picture Laboratories Inc.** | MotionLink | **Motorcar Parts of America** | Movandi Corp. | **Movpak Inc.** | MPH Broadcast | **MQA Ltd.** | MSI Computer Corp. | **Music Direct** | Music Hall | **Musical Surroundings Inc.** | Mux | **Muyshondt Enterprises Inc.** | Muzen | **Muzik Inc.** | my.Flow | **myCharge** | Mycroft AI | **Myfox** | Mymanu Ltd. | **MyMe Inc.** | Myron & Davis by Johnson Safety | **MyTradeZone** | myVANurFIX | **N.E.M. Electronics Corp.** | NAFTALI Inc. | **Nagravision** | Nano Magnetics Ltd. | **Nanoleaf** | Nanuk By Plasticase Inc. | **NART GROUP** | Natex Research | **National Service Alliance** | Natural Sound Inc. | **Navajo Manufacturing** | Navitas Partners | **Navitas Semiconductor** | Naxa Electronics Inc. | **Naya Energy** | Nebland Software LLC | **Nebraska Furniture Mart** | NEEQ | **NEERCAST** | Nepoware Corp. | **Nervana LLC** | Net Cybersolutions LLC | **Netflix Inc.** | NETGEAR | **Netis Systems** | Neurosky | **New Age Electronics** | New Balance | **New Realm Technology** | New Wallet Inc. | **New York Venture Partners LLC** | Newegg.com | **NewlineUSA** | Newnex Technology Corp. | **NewStalgic Games** | Nexia | **Nextgen Creations** | NextGen Foundry | **Nextinput** | Nextiva | **NextWorth Solutions Inc.** | Nexus Engineering Solutions LLC | **Nicwerks** | Night Owl SP | **Nikon** | NIMB Inc. | **Ningbo SKL International Co. Ltd.** | Nintendo of America Inc. | **Nissan Motor Co. Ltd.** | Nite Ize | **Nix** | Nixplay | **NJR Consulting Inc.** | NLU Products LLC | **Noetic Inc.** | Nokia Technologies | **Nomad** | nonda Inc. | **Nordic Semiconductor Inc.** | Nordost Corp. | **Nortek Security & Control** | NOSO Inc. | **NotAnotherOne Inc.** | Nottingham Spirk | **Novana LLC** | NovuMind Inc. | **NSI Audio Inc.** | nstarsoft | **Nublara Inc.** | NuCalm | **Nuheara** | Numark Industries | **nura** | Nuro Technologies Inc. | **Nurse Technologies** | Nut Technology Inc. | **nuTonomy** | Nuvia Sales Group/Terra Digital AV | **NUVYYO** | Nvidia Corp. | **NXP Semiconductors** | Nyko Technologies Inc. | **Nylok LLC** | NYNE Multimedia Inc. | **o3 Media Group LLC** | Oasis Inc. | **OBM Distribution Inc.** | OC Tech Innovations | **Occipital Inc.** | Oculus | **Oehler Strategic Consulting** | Office Pro Technologies Inc. | **Ohio Telecom** | OhmKat Inc. | **Olloclip** | Omage Labs | **OMD USA** | Omnicharge | **Omnicom Group** | Omnicom Management Services | **OmniMount Systems Inc.** | OmniPad Corporation LLC | **Omron Healthcare Inc.** | One Iron LLC | **One Touch Automation** | onezerOne | **Onniplane Dba Flytze** | Onstar | **ONVOCAL Inc.** | Ooma Inc. | **Oomi By Fantem** | Opaque Studios | **OperationsInc** | Opticwash Inc. | **OPTIMA Batteries Inc.** | Optix Inc. | **Optoma Technology** | Optoro | **Orange Expo Trading** | Orangemonkie Inc. | **Orbbec 3D Tech Intl Inc.** | Orbit City Lab | **ORCA Manufacturing Orca Design & Manufacturing Corp.** | ORFEO SoundWorks Inc. | **Orion Labs Inc.** | Orison | **Ortery Technologies Inc.** | Oska Wellness | **Ossia Inc.** | OSSIC | **OSSimTech Inc.** | Osso VR | **Osterhout Design Group** | OTOJOY | **Otter Products LLC** | Otto Trading Inc. | **Ouraring Inc.** | Outdoor Technology | **Oval.ai** | oVio Technologies Inc. | **OVO TECHNOLOGY Inc.** | OwnerIQ Inc. | **Oxystrap International Inc.** | P2B Trading Co. | **P3 International Corp.** | PACE-O-TRONIC, Inc. | **Pacific Crest Labs** | Pacific North Westy LLC | **Pacific Palmary Technology & Trade Co.** | Pacific Product Group Inc. | **Padmate** | Pai Technology | **Panadero LLC** | Panasonic Corporation of North America | **PanaVise Products Inc.** | Panda Ocean Inc. | **Pandora Media Inc.** | Panospace USA | **Pantrosoft LLC** | Papago Inc. | **Paper Battery Co.** | Paradigm | **Paradise Home Audio** | Paradyne Sound & Vision | **Parasound Products Inc.** | Parihug | **Parkopedia** | Parrot Inc. | **Parts Express** | Paskon | **PassTime** | PBLX Corp Dba Pure Body Logix | **Peak Audio Group LLC** | Peak Ventures Inc. | **Pearl Automation Inc.** | Pearl TV | **Peau Productions Inc.** | PEEBO LLC | **Peerless-AV** | Pelican Consulting Group | **Pelican Products Inc.** | Pella Corp. | **Peloton Technology** | Penclic AB | **Penpower Inc.** | Periscape | **Petcube** | Petmio Inc. | **Petra Industries Inc.** | Petrics Inc. | **Pflanz Electronics** | PH Technical Labs | **Phantom Electronics LLC** | Phantom Intelligence | **Phase Technology** | Phiaton Corp. | **Phicomm Communication USA Inc.** | Philips Electronics N.A. Corp. | **Phlex LLC** | Phoenix Communications Corp. | **Phone2Action** | Phonesoap | **Phonesuit Inc.** | Phoniture LLC | **Pi Squared** | Pico Interactive Inc. | **Pico Technology Co. Ltd.** | Picobrew Inc. | **Picocluster LLC** | PicxTrix.com | **Pierce Aerospace** | Pilot Automotive Inc. | **Pinkston Group Inc.** | Pioneer Electronics (USA) Inc. | **Pixels and Bits** | plantmaker Inc. | **Plantronics Inc.** | Play Impossible | **Plum** | PlusUs | **Pmdtechnologies Ag** | PNS Holdings Inc. | **PocketConfidant AI** | PogoTec Inc. | **Polaroid** | Polytrific | **PolySync Technologies Inc.** | POMO House Co. Ltd. | **Pony.ai** | Popcorn Interactive Media | **Porex Corp.** | Portrait Displays | **Potomac Health Solutions Inc.** | Powell Wireless Commsulting LLC | **Power Acoustik Electronics** | Power Corp. | **Power Support International Inc.** | PowerBass USA Inc. | **Powercam Inc.** | Powercast Corp. | **POWERHOUSE** | Powerhouse Alliance | **Powermax USA** | PowerSphyr Inc. | **Powervision Robot Corp.** | Pratt & Miller Engineering | **preCharge Risk Management** | Premier Accessory Group LLC | **PRENDO SYSTEMS Inc.** | Preteckt Inc. | **Pribatis** | PricewaterhouseCoopers LLP | **Principle Auto** | Prizm Labs | **ProClip USA Inc.** | Progressive Home LLC | **Project Ray LLC** | Project S | **ProjectMQ** | Promptu Systems Corp. | **Protective Enclosures Company LLC** | ProxBBox | **PRYMR** | Pure Acoustics Inc. | **Pure Custom Integrations** | Puregear | **Purpose Financial** | Purse-a-Porter | **Q Power Inc.** | Qardio Inc. | **QDI Consumer Electronics** | QFX Inc. | **Qingdao Yeelink Information Technology Co. Ltd.** | Qmadix | **Q-Mark Manufacturing Inc.** | Qorvo | **QRPlaza Inc.** | Qualcomm Inc. | **Quanergy Systems** | Quanovate | **Quantenna Communications** | Quantify Technology | **Quantum Data Inc.** | Quell by NeuroMetrix | **Quest Mountain Audio/Video LLC** | Quirklogic | **Quorum** | QVC | **Qwertyfree** | Radius Networks | **RAM Mounts** | Rapid Response Monitoring Services Inc. | **RapidSOS** | Ray Charles Innovations | **Raycon Global Inc.** | RayVio | **Raz Tech** | Razer USA Ltd. | **RazorEdge** | RBH Sound | **RCS Technology** | RDS Industries Inc. (ALS Industries) | **RealNetworks Inc.** | Reardon Advisors LLC | **Rebel Networks** | Reboot LLC | **Red Peacock International** | RedAyr Inc. | **Redtail Telematics Corp.** | Reemo | **Reflektions** | Reforges Inc. | **Refresh Smart Home** | Registria | **Reiko Wireless** | Relidy LLC | **Reliefband Technologies LLC** | Rem-Fit | **REMO Electronics** | remo+ | **Remote Solution Co. Ltd.** | Remote Technologies Inc. | **Retail Group LLC / Spring** | Reverage VR | **Revl** | Revol Technologies Inc. | **Revon Systems** | Rexcel Group LLC | **RheaMedia Inc.** | Rich Jackson | **Ricoh Imaging Americas Corp.** | Ridar Systems LLC | **Rider Best Inc.** | RIFFT | **Rigado Inc.** | Right At Home Technologies | **Righteye** | Ring | **Ript Labs Inc.** | Riva Dba Rivacase | **RK Entertainment Technology Consulting LLC** | RLTY CHK | **RMI** | RoamingTails LLC | **Roar** | Robert Bosch LLC | **RoboGnosis** | Robotise | **Robotix Learning Solutions** | RobotX Depot | **Rockmount Financial Corp.** | Rogue Audio Inc. | **Rogue Lemmings Inc.** | Rokid Inc. | **ROLI** | Roost | **Rosewater Energy Group** | RoShel Inc. | **Rotex Tech** | Rowkin | **Royale Corp.** | RSC Labs | **RSL Front** | RUDAOR Inc. | **Runphobia** | RWBIII Enterprises Inc. | **RxToMe** | Ryan Retail Consulting | **Rydeen Mobile Electronics** | S&S Electric Co. Inc. | **S2e Inc. / Meelectronics** | Safe Surge Inc. | **Safeawake LLC** | Sahara Wireless Inc. | **Sakar International Inc.** | Salamander Designs Ltd. | **Sales and Marketing Inc.** | SalesMakers Inc. | **Samba TV** | Samson Technologies | **Samsonic Trading Company Inc.** | Samsonite | **Samsung Electronics** | Sangeam America Inc. | **Sanho Corp.** | Sano Corp. | **Sapphire Marketing LLC** | SAS/Southern Audio Services | **Satechi** | SAVV Corp. | **Sawyers Control Systems** | SCALE-1 Portal | **Schneider Electric** | Schok LLC | **ScholarX** | SCILD | **Scollar Inc.** | Scosche Industries Inc. | **Screen Engine/ASI** | Scripps Networks Interactive | **Scul Communications** | Sculpteo | **Seagate** | Seal Shield LLC | **Seam Technic** | SECO-LARM USA Inc. | **Secugen Corp.** | Securam Systems Inc. | **SecureData** | Securifi Ltd. | **Seemarket Technology Co. Ltd.** | Seenda Technology Co. Ltd. | **Seeva Technologies** | Segway LLC | **Seiki** | Se-Kure Controls Inc. | **Sellmark Corp.** | Semaphoric Smart Homes Inc. | **Senclo LLC** | Sendero Group LLC | **SENGLED** | Senic Inc. | **Seniors Matter** | Sennheiser Electronic Corp. | **Sensel** | Sensible Innovations LLC | **Sensogram Technologies** | Sensoria Inc. | **Sensory Inc.** | Sensum | **Sentio Solutions** | Sentry Industries Inc. | **SentryNet** | Septien Entertainment Group | **Serene Sensors Inc.** | Sesame Enable | **Seven Dreamers Laboratories Inc.** | Sevenhugs

Seventh Avenue Inc. | **SF Motors** | **Shadecraft Inc.** | Shanghai Fusion Tech Co. Ltd. | **Shanghai Silver Flute Sound Co. Ltd.** | Shapelog | **Sharp Electronics Corp.** | Shaxon Industries Inc. | **Shenzen ANTOP** | Shenzhen Carku Technology | **Shenzhen City Once Top Motor Manufacture Co. Ltd.** | Shenzhen DBK Electronics Co. Ltd. | **Shenzhen Globalegrow E-Commerce Co. Ltd.** | Shenzhen Hali-Power Industrial Co. Ltd. | **Shenzhen Hello Tech Energy Co.** | Shenzhen Highstar Electrical Co. Ltd. | **Shenzhen Horn Audio Co. Ltd.** | Shenzhen KSY Technology Co. Ltd. | **Shenzhen Letsolar Technology Ltd.** | Shenzhen Medica Technology Development Co. Ltd. | **Shenzhen Meetion Tech Co. Ltd.** | Shenzhen Meidong Acoustics Co. Ltd. | **SHENZHEN MELE STAR TECHNOLOGY Ltd.** | Shenzhen Phonemax Technology Co. Ltd. | **Shenzhen Qianhai Icecold Co. Ltd.** | Shenzhen Reflying Electronic Co. Ltd. | **Shenzhen Shengyuan Tech Co. Ltd.** | Shenzhen Smart Care Technology Ltd. | **Shenzhen TOMTOP Technology Co. Ltd.** | Shenzhen Vtsonic Co. Ltd. | **Shenzhen Wingsland Technology Co. Ltd.** | Shenzhen Yixinfu Electronics Company LLC | **SHFT LLC** | ShipSound LLC | **Shoptouch** | Showcase Tech | **Showtime Networks Inc.** | Shutterfly | **Sichuan Changhong Electric Co. Ltd.** | Sierra Turbines | **Sigma Corp. of America** | Sigma Designs, Inc. | **Sigma Integrale** | Signal Communications Inc. | **Silex Technology America Inc.** | Silicon Labs | **Silicondust USA Inc.** | Silvercar Inc. | **Silvernest** | Silverstone Technology Inc. | **Simaudio Ltd.** | Simple Matters LLC | **SIRIUS XM Radio Inc.** | Siro Media Inc. | **Sisvel US Inc.** | SITE ON SOUND | **SKM Industries Inc.** | Skullcandy | **SKULLY Technologies** | Skulpt | **Sky UK Ltd.** | Skybell Technologies Inc. | **Skycentrics** | Skydio | **Skylink Group** | SkySafe | **Skyworth Group Co. Ltd.** | Sleep Score Labs | **Slick Lizard Design LLC** | Slightech | **Smanos Inc.** | Smart Medical Device Co. Ltd. | **SMART NETWORK SOLUTIONS COMMUNICATIONS** | Smart Power Technology Co. Ltd. | **Smart Theater LLC** | Smart Wheel Intelligent Mobility | **Smartbeings Inc.** | Smartear Inc. | **Smartech Homes Inc.** | Smartenit Inc. | **Smartrent** | SmashToast Inc. | **Smithville Telecom LLC** | SMK Electronics Corp. | **Smoke Detective** | Smoothtalker - Mobile Communications Inc. | **Snail Games USA Inc.** | SnapAV | **Snapchat Inc.** | Snapped On the River Music | **SOAPdrones** | Social Driver | **Soft Robotics Inc.** | Softbank Robotics America | **Solaris Management LLC** | Solland Design LLC | **Solo Technology Holdings LLC** | Solutions Alltech Group Inc. | **Solutions Vending International** | Somfy Systems Inc. | **Sonnet Industries Inc.** | Sonos Inc. | **Sony Electronics Inc.** | Sonzia | **Sorenson Communications** | Sorus Group LLC | **SOS Consulting Solutions** | Sound Ideas Inc. | **Sound Reps LLC** | Soundcast LLC | **Source Systems Ltd.** | Source3 | **Sourcenext Inc.** | South Shore Audio Video Installation | **Southern Telecom** | SOYO Technology Development Co. Ltd. | **Sparo Corp.** | Spatialand | **SPEC Sensors LLC** | Specialized Retail Services LLC | **Specialty Technologies/SVS** | Spectra Merchandising International Inc. | **Spectrum3 Inc.** | Sphero | **Sphrynx Solutions LLC** | Spire | **SpireSpark International Inc.** | Spirited Eagle Enterprises LLC | **Splash Factory** | Sports Data Labs | **Sports Innovation Lab** | Spracht | **Sprimo** | SpringboardVR | **Sprint** | SPROCKIT (World Series of Start-ups LLC) | **Sprosty Network** | SproutBox Design Ltd. | **Sproutel** | Square Panda | **Squaretrade** | SSV Works Inc. | **Stages LLC** | Stamford International Inc. | **Stampede Presentation Products** | Starkey Hearables | **Starpower Home Entertainment Systems Inc. DBA Starpower** | Starry Inc. | **Starz LLC** | Stefanka | **Stephen Odum Services LLC** | Steren Electronics International LLC | **Stiernberg Consulting** | Stillwater Designs Audio Inc. | **Stipping Point** | STM LLC | **Stocklyn Venture LLC** | StoryUP VR | **Straight Wire** | Strategic Resources Services and Supply LLC | **Stratis** | Stream TV Networks Inc. | **Streamdynamics** | Stridekick | **Striiv** | STRIVR Labs Inc. | **Structured Home Solutions LLC** | STRV LLC | **Student Services Inc. University Store** | Studio Transcendent | **Stylos Tech** | Suess Electronics | **Suitable Technologies** | Suki LLC Db a Ohmibod | **Sumida America Components Inc.** | Summit Semiconductor LLC | **Sungale Electronics (Shenzhen) Ltd.** | Sunny Opotech North America Inc. | **Sunport** | Suometry | **Superior Communications** | Supersonic Inc. | **Surecall** | Surreal Systems Inc. | **Suryl Inc.** | Sutherland Global Services Inc. | **Suvie** | Swann Communications | **Swiftpoint** | Switch International LLC | **Swivel LLC** | Syba Tech Ltd. | **Symmetry IP LLC** | Synapse Product Development | **Synaptics Inc.** | Syncbak Inc. | **SYNOPSIS** | System 7 Wolfers Inc. | **Tabletexpress** | TagHive Inc. | **TAJm Consulting LLC** | Take 5 Audio | **Tandemlaunch Inc.** | Tanoshi Inc. | **Tanvas** | Tap Systems Inc. | **TAPBLOCK Corp.** | Tappy Technologies Ltd. | **TargetPath** | Targus Group International | **TBT Inc.** | TCC | **TD Semi Inc.** | Team Concepts | **Team Research Inc.** | TeamPeople | **Tech Startup Team** | Tech4stress Inc. | **Techko Kobot Inc.** | Techni-B LLC | **Technical Security Services LLC** | Technicolor SA | **Technology Insider Group** | Technology Security Associates Inc. | **Technology Solutions US Inc.** | Technology Tee Box | **Techteriors LLC** | Tecrunner | **Tekstart LLC** | Teksun Inc. | **TeleCuris LLC** | TELEDEX | **TeleDynamics** | Telequid | **Teleton Inc.** | Telexa Inc. | **Tellus** | Tel-Star Communications Inc. | **Tempo Semiconductor Inc.** | Tempronics | **Tend Insights Inc.** | Tenergy Corp. | **Tennibot** | Tessellate Studio | **Tetравue Inc.** | Texas Instruments Inc. | **That 01 Guy** | The Bellow Group LLC | **The BIG Corp. - Baker International Group** | The Casery | **The Copper River Group** | The Data Design Group | **The Digital Viewer LLC** | The Joy Factory Inc. | **The Marketing Shack** | The Nielsen Co. | **The NPd Group** | The ONE Music Group | **The Opus Edge** | The Print Refinery | **The Retail Outsource, powered by T-ROC** | The Security Group Corp. | **The Signal Group LLC** | The Sound Room | **The Thule Group** | The Tiffen Co. | **The TouchPoint Solution** | The Watchtower Co. | **The Whistler Group** | The Wireless Registry | **TheBeamer LLC** | Thermaltake Inc. | **Thiel Audio Products Co.** | Thinium Technologies LLC | **Think Tank Photo** | ThinkAnalytics Inc. | **Thinkware** | This Is Engineering Inc. | **Thoughtbox Technologies LLC** | ThrillingAudio | **Thrust Co.** | ThumzApp Inc. | **THX Ltd.** | Tianma NLT USA Inc. | **Tiertime Corp.** | Tigertang LLC | **Tiggips Inc.** | Time Warner Inc. | **Timeraiser Inc.** | Tint World | **Tip 'n Split Solutions** | TITAN Platform | **TiVo** | TLC Pediatrics | **Tmax Digital Inc.** | TMI | **T-Mobile US** | TMSOFT | **TN Solutions LLC** | TNida Enterprises | **Tome Inc.** | Tomtom North America Inc. | **Top Dawg Media** | TOPPKING ELECTRONICS Ltd. | **Torus Media Labs Inc.** | Toshiba America Inc. | **Total 3D Solutions** | Total Health Solutions | **ToteGear LLC** | Totem Acoustic | **ToteVision** | TOUCHBEAUTY BEAUTY & HEALTH (SHENZHEN) Co. Ltd. | **Tovala** | Toyota Motor North America | **TP Vision Belgium NV** | TP-Link Technologies | **Trackr** | Trading Unlimited LLC | **Transaccts** | Transcendent Designs LLC | **Transitscreen** | Translink Capital | **Transparent Media Partners** | Trewgrip LLC | **Triad Speakers Inc.** | Tributaries Cable | **Trident Communication Technology** | Trig - Innovation, Design, Marketing | **Trigger Global** | Trillbit Inc. | **Trilumina** | TripAdvisor | **Trucore Distributors Inc.** | Try Safety First Inc. | **Trysil Consulting** | TTE Technology Inc. | **Tune Belt Inc.** | TupeloLife Services LLC. | **Turner Broadcasting System** | Turnout Inc. | **TuSimple** | TUV Rheinland of North America | **Tuxera Inc.** | TV Ears Inc. | **Tview Universal Electronics Inc.** | TVL International | **TVLiftCabinet Inc.** | Twentieth Century Fox | **Twitter** | TYLT | **Tyto Care Inc.** | U.S. Jaclean Inc. | **uAvionix** | Ubee Interactive Inc. | **Uber** | Ubio Labs | **UBTECH Robotics Corp.** | uConekt Inc. | **UEE Technology Co. Ltd.** | Ultimate Success LLC | **Ultra Mobile** | Ultrahaptics Ltd. | **Ultra-X** | Unaliwear | **Under Armour** | UnderminerStudios | **Underwriters Laboratories Inc.** | Unicorn Inc. | **Uniden America Corp.** | Unified Streaming Inc. | **Unikey Technologies Inc.** | Unilectric LLC | **Union Camera Hong Kong Ltd.** | UNIREX Corp. | **UNIS Technology (Canada) Ltd.** | UNISTELLAR Corp. | **United States Postal Service** | Universal Electronics Inc. | **Universal Remote Control Inc.** | University Growth Fund | **Uniz Technology LLC** | Up In The Lab Inc. | **Up Sonder LLC** | UPS | **Upwork** | Urban Armor Gear Inc. | **Urgent.Ly** | USAA | **USB Implementers Forum** | USTelecom | **Uvify Inc.** | Valanca Auto Concepts | **Valencell Inc.** | Validic | **Valkyrie Aeronautics** | Valor Communication Inc. | **Valor Connect** | Valt | **Value One Financial Inc.** | VANA | **Vandersteen Audio Inc.** | Vantage Point Products Corp. | **Variable Labs** | Variowell Development GmbH | **Vektor Research Inc.** | Velocity Films Inc. | **Velodyne LiDAR Inc.** | Vendor Velocity | **Ventev Mobile** | Ventive LLC | **Veos Inc.** | Verance Corp. | **Verimatrix Inc.** | Verisilicon Inc. | **Veristride** | Veritone Inc. | **Verizon** | VERT | **Vertical Integrations Inc.** | Vertical Optics LLC | **VERUST** | VESA Displayport | **Vestel Ticaret A.S.** | Vewd | **VFO** | Viacom Inc. | **VIDBOX Inc.** | Video and Audio Center | **Vidpro Corp.** | Vigilant | **Vincross Inc.** | Vinpower Digital Inc. | **Virgin Musical Instruments Co.** | Viridistor | **Virtual Inc.** | Virtual Viewpoint Inc. | **VISA Inc.** | Visbit Inc. | **Visio Ingenii Ltd.** | Vision Systems Automation Inc. | **Vision Tech America Inc.** | Visteon Corp. | **Visualartspeakers** | Visualon Inc. | **Vivalnk** | Vivint Smart Home | **VIXS Systems Inc.** | VIZIO Inc. | **VLSI Research Inc.** | VogDUO International Inc. | **Voice Technology Solutions** | Volansys Technologies | **Volar Health LLC** | VoxEra Inc. | **Voxmicro Ltd.** | VOXX International | **Voyomotive LLC** | VR Electronic Ltd. | **VR Playhouse** | VTech Communications Ltd. USA | **VTL Amplifiers** | vTuner | **Vuez LLC** | VuPoint Solutions | **Vutec Corp.** | Vuzix Corp. | **Wagan Corp.** | Walgreens | **Walmart** | Warner Bros. | **Warrantech Consumer Product Services Inc.** | Washington Digital LLC | **Waterstone LLC** | Wave Electronics Inc. | **Waves Inc.** | Wavtech | **Wayfindr** | Wayray Inc. | **Wearable Sensing** | Wearsafe Labs | **WeatherHawk** | Web Nerds | **WeConnect** | Welcome Commerce Inc. | **Well Being Digital Ltd.** | Wellness Realities Inc. | **Welltodo** | Weltronics Corp. | **Wendt Productions Inc.** | Werk | **Western Leaf Electronics** | Westinghouse Electronics LLC | **Westone** | Westworld Computers Ltd. | **WHILL Inc.** | Whisker Labs | **WHOOP USA Inc.** | WHOOSH! Inc. | **Wicked Audio** | Wide Afternoon LLC | **WIFIPLUG Inc.** | WildArk | **Wildfire Defense Systems** | Wilson Electronics | **Wiltronic Corp.** | Winner Technologies Inc. | **WIRC Media** | Wirelesslink Group Inc. | **Wireworld Inc.** | Wisdom Audio | **WISIHMK LLC** | Wistiki | **WiTricity Corp.** | Wittl Inc. | **WJR Consulting** | Wobbleworks Inc. | **Wolfee Technologies Inc.** | Wolzien LLC | **Woodhot** | WoofersEtc | **Woolmark Americas Inc.** | Workbench Platform | **Workout Cancer** | World Cellular | **World First USA Inc.** | World Tech Toys | **Worthington Distribution** | Wow Emotions | **WOW Watersports** | Wren Sound Systems LLC | **WSA OU** | WTL USA Fund Inc. | **Wuhan Lixing (Torch) Power Sources Co. Ltd.** | WWE Inc. | **Wyatt Consulting Services** | Wynd Technologies Inc. | **Xenoma Inc.** | Xentris Wireless | **XFINITY Home Wholesale** | XFIRE Audio | **XPAND Vision** | xperal | **Xperi** | Xplorall Industries | **Xronz** | XS Power | **Xtend Technologies** | Xtreme Cables/CPS | **XY** | Yamaha Electronics Corp. | **Yantai Wiscloud Cloud Computing Co. Ltd.** | Yelp | **YG Acoustics LLC** | YGEIA | **Yifang Digital (hongkong) Co. Ltd.** | Yip Yap Inc. | **Yoke Remote LLC** | YOLK | **Yuneec USA Inc.** | Z. Reiss & Associates Inc. | **Zagg Inc.** | ZapGo Inc. | **Zebit.Com** | ZEITDICE Inc. | **ZEN Enterprise Networks LLC** | Zen Mobile Apps | **Zen Networks** | Zendure USA Inc. | **Zenefits** | Zero K Nexus | **Zero Mass Water** | Zero Zero Robotics | Zhejiang Longyou Xinxidi Electronics Co. Ltd. | Zhor-Tech | **ZigBee Alliance** | ZiipRoom Inc. | **Zipkord Solutions** | Zipline International Inc. | **Zmodo Technology Corp.** | Zodiac Inc. | **Zombie Tronics LLC** | Zbox | **Zsolutionz LLC** | Zspace | **ZTE Corp.** | Ztylus Inc. | **ZVOX Audio** | Z-Wave Alliance | **Zwaveproducts.Com Inc.** | ZyXEL