

WALLONIA / BELGIUM TRADE COMMISSION

CES 2019

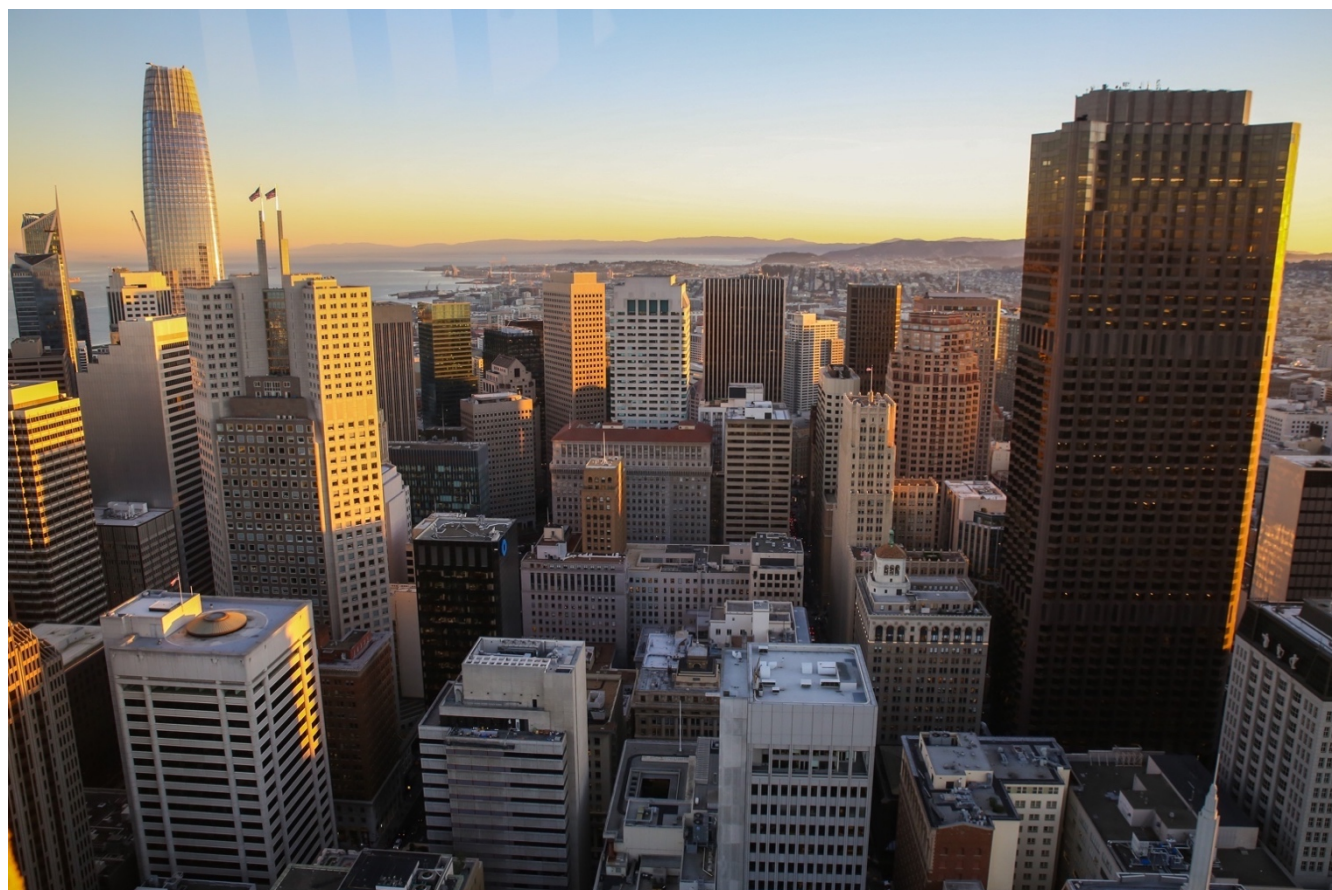


Table of contents

- About the CES**6
- Location7
- Products Categories and Marketplace13
- World changing innovations announced at CES14
- Future show dates16
- CES by the numbers16
- Trends 2019**18
- 5G.....19
- Digital health.....19
 - Self driving vehicles20
- Sport technologies.....21
- Topics**22
- 5G & Internet of things.....22
- Advertising, Entertainment & Content.....22
- Automotive.....23
- Blockchain.....23
- Health & Wellness.....23
- Home and Family.....24
- Immersive Entertainment.....24
- Product design and Manufacturing.....25
- Robotics and Machine intelligence.....25
- Sports.....26
- Wallonia at CES**27
- Introduction.....27
- AWEX delegation.....27
- Ministerial delegation.....29

<u>Exhibiting companies from Wallonia</u>	30
Companies at Westgate	31
ACAPELA GROUP	31
BACK2BUZZ.....	31
BIG BAD WOLF.....	32
CAPFLOW.....	32
CE+T ENERGRID.....	33
DOMESTIA.....	33
INTERSYSTO.....	34
INTOPIX.....	34
SKYLANE OPTICS.....	35
Companies at Eureka Park.....	36
ALX SYSTEMS.....	36
CABIN3D.....	36
LINEDOCK.....	37
MINTT.....	37
P-HEAL.....	38
<u>Matchmaking</u>	39

About CES

CES is the Global Stage for Innovation

CES is the world's gathering place for all those who thrive on the business of consumer technologies. It has served as the proving ground for innovators and breakthrough technologies for 50 years — the global stage where next-generation innovations are introduced to the marketplace. Owned and produced by the Consumer Technology Association (CTA), it attracts the world's business leaders and pioneering thinkers.

CES, formerly The International Consumer Electronics Show (International CES®), showcases more than 3,900 exhibiting companies, including manufacturers, developers and suppliers of consumer technology hardware, content, technology delivery systems and more; a conference program with more than 300 conference sessions and more than 170K attendees from 150 countries.

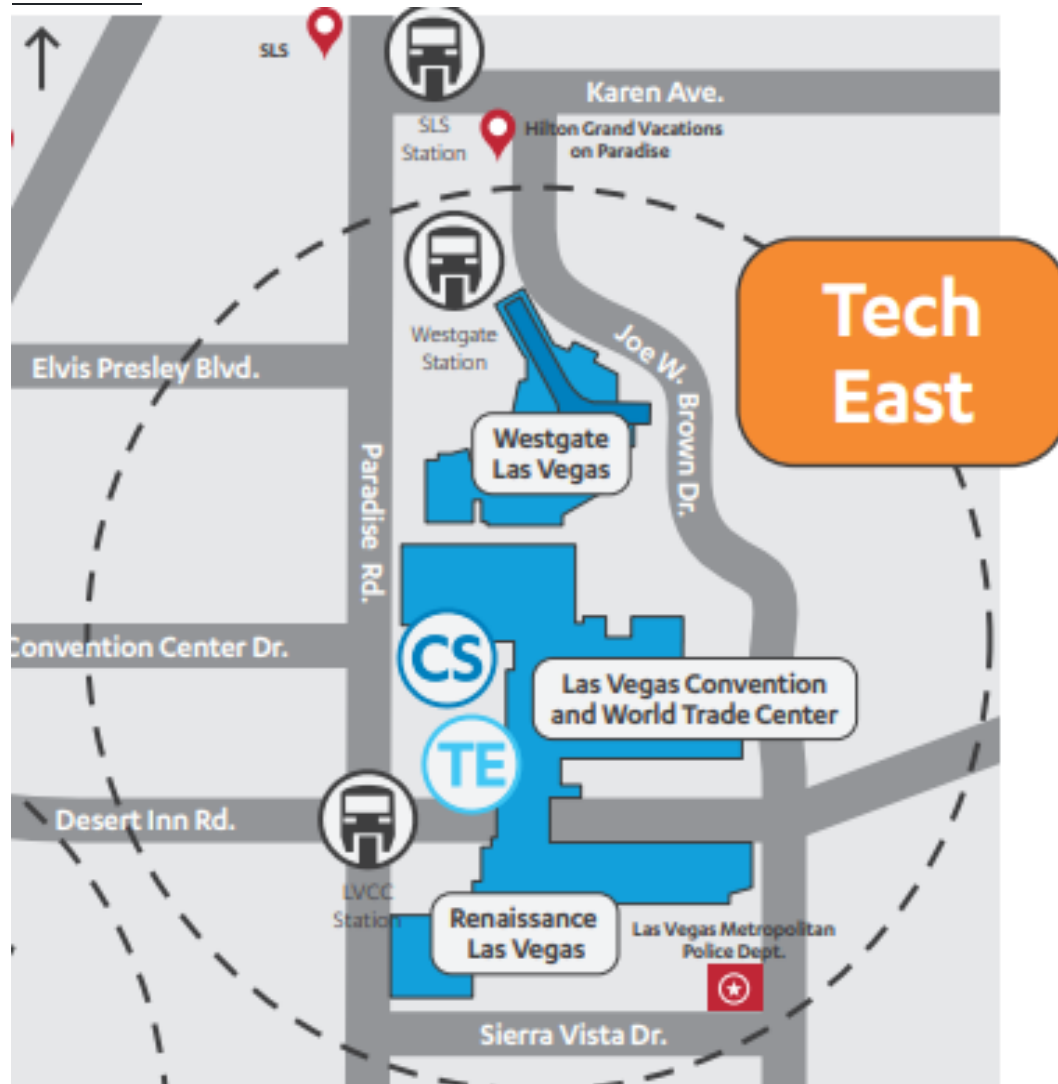
And because it is owned and produced by the Consumer Technology Associations (CTA)TM — the technology trade association representing the \$292 billion U.S. consumer technology industry — it attracts the world's business leaders and pioneering thinkers to a forum where the industry's most relevant issues are addressed.



→ Location

With 11 official venues, CES spans more than 2.5 million net square feet of exhibit space and features 24 product categories and more than 20 Marketplaces. CES is the launch pad for innovation that changes the world. To help you navigate, venues are grouped into three geographical areas: Tech East, Tech West and Tech South.

Tech East



- Las Vegas Convention and World Trade Center (LVCC)
- Westgate Las Vegas
- Renaissance Las Vegas

Tech West



- Sands Expo
- The Venetian
- The Palazzo
- Wynn Las Vegas
- Encore at Wynn (Encore)

Tech South



- ARIA
- Park MGM/Park Theater
- Vdara

The World Trade Center Las Vegas

TWTCLV is a partnership between the Las Vegas Convention and Visitors Authority (LVCVA) and the Consumer Technology Association (CTA)®, producer of the CES®, the world’s leading innovation event. In addition to marketing and branding Southern Nevada as a tourism and convention destination worldwide, the LVCVA operates the Las Vegas Convention Center, the nation’s only convention center designated as a World Trade Center site and one of the largest convention centers in the United States. Together, the LVCVA and CTA market Las Vegas to business travelers around the globe under the World Trade Center brand.

The World Trade Center Las Vegas which is one of the busiest facilities in the world, is a 3.2 million-square-foot convention center located within a short distance of the famous Las Vegas Strip.

The WTCLV engages in trade activities, provides trade and exhibition services, and provides reciprocal services to other members of the World Trade Center’s Association network.

The World Trade Center (WTC) Las Vegas is one of the busiest facilities in the world – a 3.2 million-square-foot convention center located within a short distance of more than 150,000 guest rooms.

In 2010, the Las Vegas Convention and Visitors Authority (LVCVA) and the Consumer Technology Association (CTA), producers of CES, signed an agreement designating the Las Vegas Convention Center (LVCC) as an official World Trade Center site to attract more international visitors and trade events to Las Vegas.

Through the agreement, CTA became an official member of the World Trade Centers Association (WTCA) and the LVCVA became the official representative of the trade center site. Las Vegas is the only destination in North America with a WTC designation on the campus of a convention center.

The agreement provides both organizations with opportunities for co-marketing under the WTC brand. Both also have access to key trade information and market research and are able to take part in business trade missions around the world. For the LVCVA, the partnership provides the opportunity to further promote the Las Vegas brand to business travelers worldwide and reinforce that Las Vegas is a serious place to conduct business.

The LVCC is well known among industry professionals for its versatility. With nearly 2 million square feet of exhibit space including 145 meeting rooms (more than 241,000 square feet), the facility can handle seating capacities ranging from 20 to 2,500. A grand lobby and registration area (more than 225,000 square feet) efficiently link existing exhibit halls with new exhibit and meeting rooms, and allow simultaneous setup, breakdown and exhibiting of multiple events.

In 2012, the LVCC received AIPC Gold Certification from the International Association of Convention Centers. The AIPC reviewed the organization's management practices, policies, procedures and customer service. In addition, it rated the facility's performance measures; financial accountability; economic impacts; security; emergency response; financial integrity; employee, supplier and community relations; communications; and environmental responsibility.

In 2014, the WTC Las Vegas achieved certification from the World Trade Center's Association (WTCA) this designation means the WTC Las Vegas engages in trade activities, provides trade and exhibition services and provides reciprocal services to other members of the WTCA Network.



➔ Products Categories and Marketplace

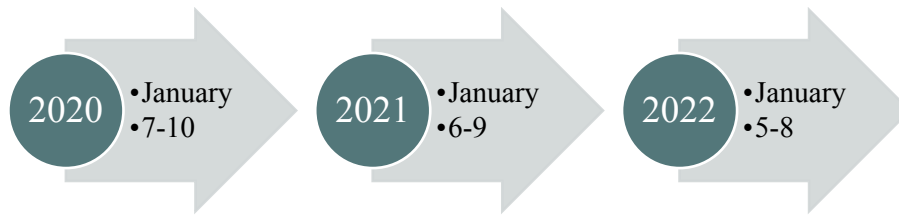
CES features products – and the companies that create them – from consumer technology markets, including the following categories: Entertainment, Health & Wellness, Home & Family, Internet of Things, Product Design & Manufacturing and Robotics & Machine Intelligence.

- 3D Printing
- Accessibility
- Artificial Intelligence
- Audio/High-End/High Performance
- Cloud Services
- Computer Hardware
- Content and Streaming Services
- Cyber Security and Privacy
- Digital Health
- Digital Imaging/ Photography
- Drones
- Education
- Fitness
- Gaming
- Lifestyle (Family, Beauty, Pet)
- Mobile Payments/Digital Finance/E-Commerce
- Public Policy/ Government
- Robotics
- Sensors and Biometrics
- Smart Cities
- Smart Home
- Software and Apps
- Sports Technology and eSports
- Sustainability
- Telecommunications
- Tourism
- Vehicle Technology
- Video
- Virtual Reality & Augmented Reality
- Wearables
- Wireless Devices
- Wireless Services

- Videocassette Recorder (VCR), **1970**
 - Laserdisc Player, **1974**
- Camcorder and Compact Disc Player, **1981**
 - Digital Audio Technology, **1990**
 - Compact Disc - Interactive, **1991**
 - Digital Satellite System (DSS), **1994**
 - Digital Versatile Disk (DVD), **1996**
- High Definition Television (HDTV), **1998**
 - Hard-disc VCR (PVR), **1999**
 - Satellite Radio, **2000**
 - Microsoft Xbox and Plasma TV, **2001**
 - Home Media Server, **2002**
 - Blu-Ray DVD and HDTV PVR, **2003**
 - HD Radio, **2004**
 - IP TV, **2005**
- Convergence of content and technology, **2007**
 - OLED TV, **2008**
 - 3D HDTV, **2009**
- Tablets, Netbooks and Android Devices, **2010**
- Connected TV, Smart Appliances, Android Honeycomb, Ford's Electric Focus, Motorola Atrix, Microsoft Avatar Kinect, **2011**
 - Ultrabooks, 3D OLED, Android 4.0 Tablets, **2012**
 - Ultra HDTV, Flexible OLED, Driverless Car Technology, **2013**
- 3D Printers, Sensor Technology, Curved UHD, Wearable Technologies, **2014**
 - 4K UHD, Virtual Reality, Unmanned Systems, **2015**

→ Future Show Dates

Show surveys over the years have shown that the majority of people prefer a weekday pattern for CES. We do our best to schedule accordingly, but in some future years, the show pattern shifts to include the weekend to fit within the Las Vegas event schedule. Future dates include:



→ CES 2018 by the numbers

CES is the world's gathering place for all who thrive on the business of consumer technologies.

With more than 4,400 exhibiting companies and exhibit space of more than 2.7 million net square feet, CES 2018 welcomed the world's biggest companies in addition to hosting more than 1,000 startups at the Eureka Park Marketplace.

More than 182,000 industry professionals, including more than 63,000 from outside the U.S., convened in Las Vegas to drive the ever-evolving global technology industry forward.

The numbers outlined below are highlights of the CES 2018 Attendance Audit Summary.

- Overall Attendance:

	Domestic	International	Total
Industry Attendees	68,946	37,342	104,288
Exhibitor Personnel	45,327	23,938	69,265
Media	4,141	2,504	6,645
Total Attendance	118,414	63,784	182,198

- Social Media Reach:

Reflects period of January 7-12, 2018

Platform	Highlights
#CES2018 and @CES Mentions	1 million
Views of CES Snapchat Live Story	49 million
Views of official CES videos on Facebook	224,000
Images shared on Instagram at CES that includes the official hashtag #CES2018	37,000

- CES Media Coverage

CES 2018 received 107,120 media mentions and more than 71.7 billion potential media impressions in January alone.

Type of Coverage	Domestic	International	Total
Print	8,154*	4,461	12,615
Online	10,659	65,708	76,367
Broadcast	14,460	3,678	18,138
Total Media Coverage	33,273	73,847	107,120

Trends 2019

The CES Press Release mentions the CES Tech Talk Podcast that highlights Top Trends at CES 2019:

Arlington, VA – 09/24/2018 – The [Consumer Technology Association \(CTA\)™](#) – owner and producer of CES®, the global stage for innovation – announced the second season of the [CES Tech Talk](#) podcast series. The series explores the emerging tech trends attendees will see and experience at [CES 2019](#) (Jan. 8-11 in Las Vegas). The series features experts in technology innovations including 5G, digital health, self-driving vehicles and sports technology.

CES Tech Talk showcases industry pioneers and global innovators, market leaders and disruptive startups, including gold-medal Olympians and entrepreneurs featured on ABC's *Shark Tank*. This season's inaugural podcast features [Eureka Park startup success stories](#), including Xyla Foxlin, CEO and founder of Parihug; and Jonathon Perrelli, CEO and founder of Lifefuels. In the second episode, former world-class athletes-turned tech investors including Baron Davis, former NBA all-star; and Angela Ruggiero, Olympic gold medalist; share their insights about [Sports Tech at CES](#). The following episode sat down with Dr. David Rhew of Samsung and Matthew Stoudt of appliedVR to discuss the evolution of [Digital Health](#) and how it will improve lives. The latest installment focused on the [future of 5G](#), as Dr. Derek Peterson, CTO of Boingo Wireless, discussed all the ways it will affect our lives. The program is hosted by CTA's VP of Communications, Tyler Suiters.

"What an honor to host this season's *CES Tech Talk* podcast and get to quiz tech experts on the life-changing innovations we'll see at CES 2019," said Suiters. "The ramp up to CES is such a busy and critical time for the tech industry – and our podcast provides an easy, efficient way to learn about key CES tech trends and download what you need to know to make the most of the 2019 show."

Before joining CTA, Suiters spent two decades as a broadcast journalist, interviewing everyone from CEOs to startup founders, sports stars to Hollywood stars and Washington policymakers to international government leaders.

New *CES Tech Talk* episodes will be released every Tuesday leading up to CES 2019. Download or subscribe to the podcast [here](#).

Future podcast episodes will address CES topics including Artificial Intelligence, Augmented and Virtual Reality, Robotics and Smart Cities. If you're interested in being considered as a guest on the *CES Tech Talk* podcast or to record your podcast live from the CES 2019 show floor, please contact Sarah Brown at sbrown@cta.tech.

CES is the largest and most influential technology event on the planet, featuring 4,500 exhibitors across 2.75 million net square feet of exhibit space. CES 2019 will showcase tech innovation that will change the world, with 20 product categories featuring solutions that transform how we live, work and play.

[Registration](#) is now open for CES 2019. For the latest exhibitor news and show announcements, visit [CES.tech](#).



→5G:

With 5G, carriers and mobile operators are transforming industries, enabling everything from smarter homes and businesses to self-driving cars.

The future with 5G is one of the main topics of the Tech Talk Podcast. Steve Koenig, Vice President of Research, Consumer Technology Association (CTA) and dr. Derek Peterson, chief Technology officer of Boingo Wireless dive into all the ways 5G is going to affect our lives, both from a business and consumer perspective.

- ❖ 5th generation, cellular technology is the driving trend of our time. It is all about connectivity. Connectivity is basically having the right connection at the right time.
- ❖ 5G will bring a 100x faster network and will be 5x more responsive which means that 5G is a platform for innovation: self-driving cars, smart cities, emerging technology sector, improving digital-health, etc.
- ❖ Not only is 5G a performance of data connection but also a key-ingredient of the wireless ecosystem and advanced technologies.

What does it mean for 2020? 2020 will be dedicated to the development of those immersing experiences that will pioneer a revolution of connectivity.

→ Digital Health:

Remote monitoring products, wearables and diagnostic solutions are all new technologies that shape today's lifestyles. When comes to staying up-to-speed, there's no place like CES for a digital health download. From Fitbit to Phillips, CES is the only venue where the entire digital health ecosystem comes together in one place. Discover the technologies revolutionizing healthcare and discover what's possible in the world of digital health.

Dr. David Rhew , Chief Medical Officer & VP and GM Enterprise, Samsung and Matthew Stoudt, CEO of appliedVR discuss the ways that digital health is evolving and leading to better health outcomes for consumers and doctors.

The podcast is mostly dedicated to the subject of "Health in the home" which is one of the main goals for 2020. Thanks to AI/AR and VR, we will be able to see a convergence form medical device technologies to consumer device technologies. It is a great opportunity and an advancement for smart devices such as the smartphone or smart watch that will become our own medical device.

The idea is thus to break the bridge between the doctor's office and home which leads to keeping people in health and out of the hospital.

Technology is putting healthcare directly in the hands of consumers and improves diagnostic possibilities. One example of that is the focus new technologies set on issues such as chronic pain, depression, anxiety, sleeplessness as well as childbirth. Future trends are devices that will help consumers to deal with the pain as well as acute it.

→ Self-driving vehicles:

Explore the road to driverless mobility through ride-and-drive experiences. Test drive a variety of technologies that support the future of self-driving cars, including parking assist, collision avoidance, emergency braking and much more.

Autonomous cars are actually in development but we have to work on the way the society perceives them. We need around 3 years to build that trust towards self-driving cars and reducing our level of anxiety towards a car without a driver.

You can't navigate the world without perceiving what's around you, through sight or some other means - and the same is true for cars. Besides high-definition maps that help determine precisely where a vehicle is, automakers are pursuing new ways a self-driving car can react to the people and objects along its path. With enough support, some could be on the road next year.

The newest tech in this realm is the LiDAR (light detection and ranging) sensor, and its utility isn't limited to self-driving cars. It will soon be in vehicles that offer ADAS (advanced driver assistance systems) features such as pedestrian detection with automatic emergency braking. LiDAR is a complement to the radars and cameras found in ADAS-equipped cars today.

→ Sport Technologies:

The global arena for sports technology innovation showcasing products and technology that enhance athletic performance, smart arenas, eSports and next gen sponsorship.

As the global event for technology innovation CES provides the perfect arena for sports technology advancements. Discover the digital, wearable and simulator technologies that help fitness enthusiast's workout and train like professional athletes.

An NBA All-Star, Baron Davis, Entrepreneur and Founder, Baron Davis Enterprises; Angela Ruggiero, NFL player, CEO, Co-Founder, Sports Innovation Lab; and an Olympic gold Medalist, Shawn Springs, Founder and Chief Executive, Wind pact. They discussed how the exciting world of sports technology is rapidly changing and evolving.

Sport can be now seen as a sector and as a technology because it is forever growing and it is an entertainment that uses a universal language, a universal communication. Therefore, there are also 5 emerging trends in Sports Tech:

- Immersive Media: Creating new ways for fans to create content, to engage with content and to interact with that content. The future of sport lays in the platforms that let you directly go to the consumer.
- Sponsorship: Creating effectiveness to the digital experience of athletes and fans.
- E-sport: It is the first truly digital sport that creates best practices around all sports.
- Smart Venues: Helping the fans creating an unforgettable experience before, during and after.
- Quantified Athletes: Based on data analyzing your own performance. This is a major boost for your career because you're trained in a personalized way.

Topics

<h2>5G & Internet of Things</h2>	<p>#5G -With 5G, carriers and mobile operators are transforming industries, enabling everything from smarter homes and businesses to self-driving cars.</p> <p>#Resilience -Our planet is faced with recurring shocks and stresses that are increasing in frequency and magnitude, and now more than ever, we need resilient technologies. The new resilience conference and exhibition will highlight technologies that are helping with preparedness, responsiveness and recovery for a more secure world.</p> <p>#SmartCities -CES is the only place to experience the entire connected ecosystem that brings together the technologies, solutions, players and audiences in the smart city sector from around the world.</p> <p>#Sustainability -Technology companies are making more environmentally-friendly products and innovating to use more sustainable materials.</p>
<h2>Advertising, Entertainment & Content</h2>	<p>#Entertainment&Content -C SPACE: Experience the latest technology transforming the content and entertainment industries, and hear from leaders in content creation and major studios.</p> <p>#Marketing&Advertising -C SPACE Experience the latest technologies related to advertising and marketing analytics. Hear from CMOs about data-driven marketing and measurement, and learn from top advertising firms.</p> <p>#Music</p>

	<p>-From streaming to startups, music is a technology business and is reinventing content creation, marketing, commerce, brand partnerships and the live experience.</p>
<p>Automotive</p>	<p>#Self-drivingCars -Explore the road to driverless mobility through ride-and-drive experiences. Test drive a variety of technologies that support the future of self-driving cars, including parking assist, collision avoidance, emergency braking and much more.</p> <p>#VehicleTechnology -Las Vegas will look like a turbocharged Detroit when it comes 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. Experience the latest in concept cars and connected vehicles.</p>
<p>Blockchain</p>	<p>#Cryptocurrency -See how blockchain is being incorporated into business solutions to ensure greater security, from cryptocurrency to the supply chain.</p>
<p>Health & Wellness</p>	<p>#Accessibility -See life-changing accessible technology across the entire show. Innovative technologies are changing the way people work, live and play regardless of age or disability.</p> <p>#DigitalHealth -Technology is putting healthcare directly in the hands of consumers. From remote monitoring products, to wearables to diagnostic solutions, the healthcare industry is embracing new tools and technologies to enhance the patient experience. See the future of healthcare at CES.</p> <p>#Fitness&Wearables -Fitness technology and wearables are racing forward with advances in sensor technology, smart fabrics, cloud computing, flexible</p>

	<p>membranes and more helping track activity and keeping you connected.</p>
<p>Home & Family</p>	<p>#HomeEntertainment -Ultra high-definition, OLED television screens and high-end audio speakers are creating a more immersive entertainment experience at home.</p> <p>#Family&Lifestyle -Technology is helping make our lives happier, healthier and more convenient. See the latest in technology for beauty, baby, kids, education and family – including pets.</p> <p>#SmartHome -Homes are getting smarter and more efficient, accelerated by smartphones and tablets interacting with connected objects and devices. From basic security monitoring to smart appliances, lighting, window coverings, irrigation, entertainment systems and more, CES is the place to learn about the future of the smart home technology.</p>
<p>Immersive Entertainment</p>	<p>#AR, #VR While the entertainment industry has been using VR as inspiration for plotlines, consumers are bringing VR into their homes and getting a taste of what is possible with immersive entertainment. The excitement surrounding VR is building as new headsets, software and applications hit the market. CES is the only place to see the latest and greatest virtual and augmented reality. See how brand marketers, content producers, sports technologists and healthcare professionals are using AR/VR to create immersive experiences.</p> <p>#Gaming There are diverse applications for new computing technologies ranging from solving some of the world’s toughest challenges to the future of gaming, entertainment and VR with the potential to redefine modern life. See the latest gaming hardware, software and</p>

	<p>accessories designed for mobile, PCs and consoles that are making gaming more real-time and more immersive.</p>
<p>Product Design & Manufacturing</p>	<p>#3DPrinting 3D printers can be used for building prototypes for the medical, aerospace, engineering and automotive industries, and the more compact units are priced for consumers. See how industry leaders are making the latest technology come to life. Scientists at Newcastle University have developed a way to 3D print corneas using human cells combined with alginate and collagen to create a material they call a bio-ink. With a current shortage of corneas available for transplants, these innovators are hoping that in the future this new technique could help the million people worldwide who need surgery in order to prevent corneal blindness.</p> <p>#Design&Source Design & Source connects brands to buyers. Come see design sourcing and packaging companies from across the globe. The CES Innovation Awards is an annual competition honoring outstanding design and engineering in consumer technology products.</p>
<p>Robotics & Machine Intelligence</p>	<p>#AI From big data analytics to speech recognition to predictive technology, artificial intelligence is changing how we do business. CES is the place to learn about the latest developments in artificial intelligence and to see how companies are incorporating AI into all aspects of their business.</p> <p>More data has been created in the last two years than in all of human history combined. Companies are awash in data, but how can you derive strategic advantage from it? That's where AI comes in.</p>

	<p>#Drones Drones have taken off as a unique tool for everyday life, revolutionizing the way we capture, monitor and assist our world. Experience the next wave of advancements in and applications of drone technology. How these high-flying machines are changing the way we think about business, entertainment and social good. The responsible use of this technology could be enormously helpful to humanitarian work and environmental protection.</p> <p>#Robotics See the intelligent, autonomous machines that are changing the way we live at work, at school, at the doctor's office and at home. iRobot has its eye on the intuitive smart home of the future and is building an ecosystem of robots to help turn this vision into reality. The company began in the defense arena but today designs and builds consumer robots for the home, including a range of autonomous vacuum cleaners and mopping robots, most notably the Roomba that debuted in 2002.</p>
<p>Sports</p>	<p>#eSports experience live eSports tournaments, see the technology powering these experiences, and learn about how industry experts see eSports evolving and engaging fans.</p> <p>#SportsTechnology The global arena for sports technology innovation showcasing products and technology that enhance athletic performance, smart arenas, eSports and next gen sponsorships.</p>

Wallonia at CES

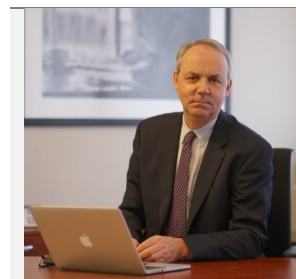
→ Introduction

It is the second time that AWEX together with Digital Wallonia will take part in 2019 CES that will take place in Las Vegas from January 8 to 11.

Logos

For the cross market, there is going to be an operation with Quebec and Shenzhen (China).

→ Awex Delegation:



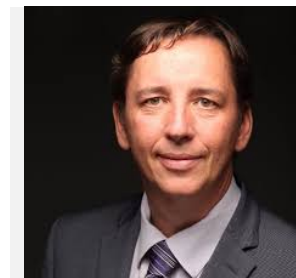
Michel BRICTEUX

- Trade and Investment Commissioner
- Digital Wallonia Montreal
- www.digitalwallonia.be
- montreal@awex-wallonia.com



Kitty JIANG

- Business Development Officer
- Shenzhen
- shenzhen@investinwallonia.cn
- www.investinwallonia.be



Michel KEMPENEERS

- COO Overseas, Brussels
- m.kempeneers@awex.be



Guy VANPAESCHEN

- Project Manager America
- Brussels
- Digital & Media Expert
- g.vanpaesschen@awex.be



Baudouin DE HEMPTINNE

- Trade and Investment Commissioner
- San Francisco
- Digital Wallonia, San Francisco
- b.dehemptinne@awex-wallonia.com
- www.digitalwallonia.be



Audra MARTYN SPALL

- Program Coordinator
- San Francisco
- A.martyn@awex-wallonia.com
- www.digitalwallonia.be

→ Ministerial Delegation

 <p><u>Le Ministre</u> <u>Pierre-Yves</u> <u>JEHOLET</u></p>	 <p><u>Brice</u> <u>GILSON</u></p>	 <p><u>Nicolas</u> <u>REYNDERS</u></p>	 <p><u>Pierre-Francois</u> <u>LOVENS</u></p>	 <p><u>Guillaume</u> <u>BARKHUYSEN</u></p>
<p>-Vice-Président du Gouvernement wallon</p> <p>-Ministre de l'Économie, de l'Industrie, de la Recherche, de l'Innovation, du Numérique, de la Formation</p>	<p>Conseiller Diplomatique</p>	<p>Porte-parole et Responsable communication</p>	<p>Journaliste de la presse écrite :</p> <p>La Libre</p>	<p>Journaliste de la presse écrite :</p> <p>Sudpresse</p>

Exhibiting companies from Wallonia

<p>WALLONIA EXPORT- INVESTMENT AGENCY</p> <p><u>Group Pavilion Coordination</u></p>	<p>Guy Vanpaesschen Project Manager North America</p> <p>Michel Kempeneers COO Overseas</p> <p>Place Saintelette 2 1080 Brussels BELGIUM www.awex-export.be</p>	<p>+32 2 421 87 45</p>	<p>g.vanpaesschen@awex.be</p> <p>m.kempeneers@awex.be</p>
---	---	----------------------------	---



→ Companies at Westgate, Booth 1129

Westgate is where innovations in audio, automotive electronics, gaming, video, wireless devices, wireless services, digital imaging and photography, or anything “i” comes to market.


ACAPELA GROUP

Voice information is everywhere in our daily lives and enriches content and interfaces. Acapela Group creates voices that read, inform, explain, present, guide, educate, tell stories, help to communicate, alarm notify, entertain. Text-to-speech solutions that give to say to tiny toys or server farms, AI, screen readers or robots, cars & trains, smartphones, IoT and much more. They innovate to give a voice to all. Our in-house speech technologies and solutions are designed to provide a smart and pleasant spoken audio result. Lend an ear to more than 100 in 34 languages and accents or create your own custom voice with Acapela's bespoke expertise.

Nawal Tounsi, International Sales Manager

Email: nawfal.tounsi@acapela-group.com

Website: www.acapela-group.com




BACK2BUZZ

Back2buzz is a fast growing Belgian company specialized in the sales of refurbished smartphones (mostly Apple & Samsung) and an extended range of phone accessories and screen protection (for all brands). Their objective is to sell products of the highest quality while protecting the environment by trying to reduce the huge amount of electronic waste and giving a second life to smartphones.

Philippe Honhon, CEO

Email: philippe.h@back2buzz.be

Website: www.back2buzz.be




BIG BAD WOLF

Big Bad Wolf is a brand-tech agency that designs omni-channel brand experience. They focus on helping companies leverage technology to create new business models and brand strategies for growth. The agency combines cutting-edge technologies in a unique way, to create consumer interaction and brand experiences that exceed all expectations. BBW supports your strategy with inspiring content. Key visuals, stunning videos, TV commercials, corporate films or product-demo movies intergrating 2D/3D animations.

Nicolas Monnoyer, CEO

Email: n.monnoyer@bigbadwolf.be

Website: www.bigbadwolf.be



CAPFLOW

Capflow specializes in applications using image analysis. The company offers products dedicated to video surveillance, road traffic, car park management and number plate recognition.

Pascal Repjuk, CEO

Email: pascal.repjuk@capflow.com

Website: www.capflow.com



CE+T ENERGRID

CE+T Energrid electrical conversion solutions will address various applications. Such applications aim at improving, at the level of business consumers, the quality of electricity from the utility grid and to prevent the loads of the consumer from generating disturbances on the network. Does applications also aim at mitigating the inadequacy between production and consumption, in the framework of microgrids in particular. CE+T Energrid developments aim among others at supporting gensets, these assemblies including a heat engine and an electrical generator. Gensets produce electricity from fuel when the electrical network is no longer sufficient to supply electrical charges. Finally, it also aim at solving the problem of mobile energy consumers having access to energy production resources.

Jean-Pierre Chisogne, General Manager

Email: jp.chisogne@cet-energid.com

Website: www.cet-energid.com

DOMESTIA

Home automation is no longer a luxury but a modern comfort tool. Thanks to home automation, you can improve your security, avoid wasting energy and guarantee your well-being. From the management of light points to your heating and management of blinds, the DOMESTIA home-automation system can meet your needs. The obvious user-friendliness of DOMESTIA, particularly its accessibility to all, makes it a unique system which naturally fits into your everyday life and future. The ability to manage the system via a smartphone and Internet access makes it a scalable system able to accomodate new technologies.

Juan Rizzo, Managing Director

Email: j.rizzo@domestia.be

Website: www.domestia.be


INTERSYSTO

Intersysto has developed 2 software packages that assist beneficiaries, care providers and natural caregivers in order to keep them improving their daily living and working conditions in security and serenity through several functionalities such as : tasks planification, medical parameters, monitoring, alarming and shared notebook.

Dominique Duhayon, CEO

Email: dduhayon@intersysto.eu

Website: www.intersysto.eu



INTOPIX


intoPIX offers the most compact, flexible and advanced image and video compression solutions dedicated to Cinema, Broadcast, Production and Post, Pro-AV, Video Transmission and Storage applications...

intoPIX wide-range of silicon-proven compression IP-cores, crypto, A/V transport and other multimedia IP-cores for FPGA or ASIC are the ideal key to accelerate your time to market.

Jean-Baptiste Lorent, Product Manager

Email: jb.lorent@intopix.com

Website: www.intopix.com




SKYLANE OPTICS

Skylane Optics is a European company, established in 1998, that supplies a wide range of optical transceivers, passive products and products for the smart home. Skylane Optics is all about transceivers, Mux Demux solutions, data transport on the outside of buildings and soon on the inside, too. Skylane Optics has a presence in Asia. We know everything there is to know about coding. Our products are compatible with the biggest brands, such as Cisco, HP and Ericsson. We do customisation. Technical on-site support. Commercial support. We have an optics lab to provide a solution to every problem. Then there's our responsive logistics. We supply 2/3 of the telecoms operators in Europe.

Philippe Bolle, CEO

Email: philippe.bolle@bolle@skylaneoptics.com

Website: www.skylaneoptics.com



→ **Sands Expo (Eureka Park), Booth 51463:**

ALX SYSTEMS

Alx Systems has been founded with the idea in mind that unmanned systems had to be more than radio controlled machines. Unmanned systems can be different, can be aware of their environment, can take smart decisions and that's the mission of ALX. Composed by a team of expert in aeronautic industry and software industry. Funded by successful entrepreneurs, ALX is leading the new generation of drones. 5 years of research and developments and more than 2MEuros of investment did brought our product from fragile thought to a robust operating system.

Geoffrey Mormal, General Manager

Email: mormal@alxsys.com

Website: www.alxsys.com

CABIN3D

Cabin3D develops applications related to 3D files of people. Their solutions come in three variants: The event variant destined for brands, the studio variant with 3D figurines and the apparel variant for the fashion industry.

Jonathan Pauwels, General Manager

Email: jonathan@cabin3d.com

Website: www.cabin3d.com

LINEDOCK

Linedock is a one-stop solution for creative pro's. It offers fast-charging capabilities for your MacBook Pro and daily gears to get you through the day, storage to back up your projects and a bunch of ports to extend your workplace. Minimal design, endless possibilities.

Nancy de Fays, Manager

Email: nancy@linedock.co.

Website: www.linedock.co

MINTT

MintT is revolutionising the care industry by enabling a longer active and independent life for everyone. Our solution ISA detects, analyses and prevents falls of elderly in hospitals, nursing homes and services flats. Through the use of non-intrusive 3D sensors and AI, ISA autonomous and at the forefront of technology while integrating privacy protection at its heart. ISA improves patients' safety, medical teams' efficiency and families' peace of mind. Our team values technology which serves society, creativity and self-determination.

Eric Krzeslo, CEO

Email: ek@mintt.care

Website: www.mintt.care


p-HEAL

p-HEAL is a connected and smart pillbox that helps you remember your treatment. The box lights in orange at the times you set for taking your medication. The orange light goes out when you remove a pill. An alert is sent to you (SMS, mail or notification) if you have forgotten your treatment.

Nicolas Dembour, Founder

Email: nicolas.dembour@thefactory.com

Website: www.p-heal.com



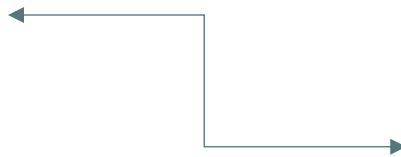
Matchmaking

At the occasion of CES 2019, AWEX San Francisco is proud to welcome fourteen Belgian Walloon companies from various horizons.

This is a matchmaking sheet created in order to make your presence at CES a great opportunity. The idea is to meet up professionals active in similar technologies, build new partnerships, gain further knowledge about your potential new market or simply compare your company again existing competitors.



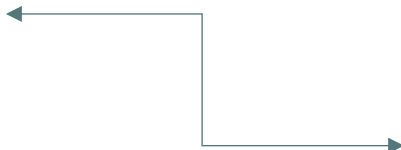
- **Acapela Group** an inspiring provider of voices and speech solutions.



- **Ubtech Robotics**
 - LVCC, South Hall 2 - 26402
- **Goertek**
 - Venetian, Lvl 3 - Lido 3002, 3002
- **Honda**
 - LVCC, North Hall - 7900
- **SapientX**
 - Sands, Hall G - 51304



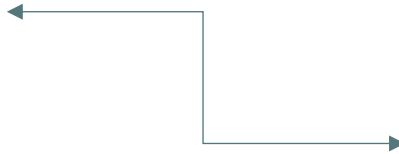
- **Back2buzz** is a fast-growing Belgian company specialized in the sales of refurbished smartphones.



- **GSMA**
 - Westgate – 2210
- **Allroad Mobile**
 - Sands, hall G – 50017
- **Greenwave Systems**
 - Venetian, Lvl4 – Lando 4201A
 - Venetian Tower – Suite 31-229,231
- **iCreation**
 - Sands, Halls A-D – 41164
- **ZTE USA Inc.**
 - Wynn, Hospitality Suites – WYN 21, 13
- **Alco Electronics LTD.**
 - LVCC, Central Hall - 10711



- **Big Bad Wolf** is a brandtech agency that helps innovative businesses shape the future of their brand experience through digital transformation of their services, products and communication.



- **EyeCue Vision Technologies**

- Sands, Hall G - 51701

- **Imverse**

- Sands, Hall G – 53310

- **Addressable.tv**

- Aria – CSP-4

- **Amazion Media Group LLC**

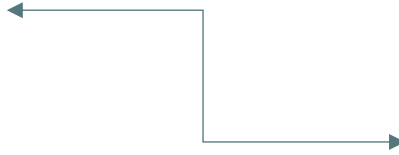
- Venetian, Lvl 2 – Bellini 2001A

- **VideoAmp**

- Aria – CS-4



- **Capflow Supplier** of specialist intelligent video solutions in automatic image analysis.



- **Cortexia:**
 - Sands, Hall G - 50475
- **SeetyZen:**
 - Sands, Hall G – 50863
- **Altro Smart Inc.**
 - Sands, Halls A-D 42753
- **Nortek Security & Control**
 - Sands, Halls A-D – 41537



- **CE+T Energrid** electrical conversion solutions set the focus on three main applications: grid support, energy storage and genset booster



- **ProLogium Technology Co.**
 - LVCC, North Hall – 3531
- **Highpower International Inc.**
 - LVCC, South Hall 3 – 30474
 - **Amazon**
 - LVCC, South Hall 2 – 25400
 - **Wi6labs**
 - Sands, Hall G – 53113

DOMESTIA

- **Domestia** which provides home automation at your fingertips.



- **Zipato:**

- Sands, Hall A-D - 41452

- **ZON Products:**

- Sands, Halls G- 50725

- **J&S Innovations**

- Sands, Hall G - 50923

- **LG Electronics & LG Electronics USA**

- LVCC, North Hall Mtg Rms - C201, N233, N235, N237, N243
 - LVCC, North Hall Mtg Rms - N112

- **Qorvo**

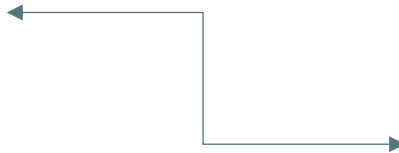
- LVCC, South Hall 2 - MP25466

- **Sagemcom Broadband**

- Venetian, Lvl 3 - Murano 3201B, 3301A



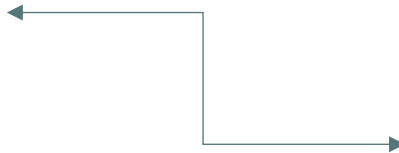
- **Intersysto** uses 2 software solutions for the support of healthcare professionals, from home to healthcare facilities.



- **3M**
 - Sands, Halls A-D 43817
- **LuxAI**
 - Sands, Hall G – 51663
- **Murata Electronics**
 - Westgate – 615
- LVCC, South Hall 2 – MP26161



- **Intopix** which offers the most compact, flexible and advanced image and video compression solutions dedicated to Cinema, Broadcast, Production, Post and Pro-AV.



- **Noa Labs Ltd**

- Sands, Hall G -50874/76/78/80/82

- **Omnivision Technologies**

- Westgate, Hospitality Suites - Suite 2855/53

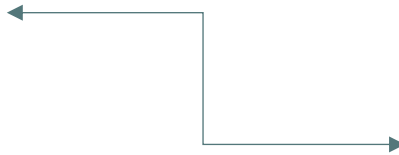
- **Canon USA**

- LVCC, Central Hall - 16206
 - Sands, Hall G - 50653
- LVCC, North Hall Mtg Rms - N109



**SKYLANE
OPTICS®**

- **Skylane Optics**, a leading provider of transceivers for optical communication



- **LG Electronics & LG El. USA**

- LVCC, Central Hall - 11100 + Mtg rms - C201, N233, N235, N237, N243,
 - LVCC, North Hall Mtg Rms - N112

- **NexOptic Technology Corp.**

- Westgate - 1021
- Sands, Hall G - 53358

- **Qorvo**

- LVCC, South Hall 2 - MP25466

- **Vodafone**

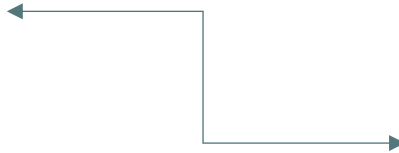
- Venetian Tower - Suite 29-332

- **ROHM Semiconductor**

- Venetian, Lvl 2 - Titian 2205



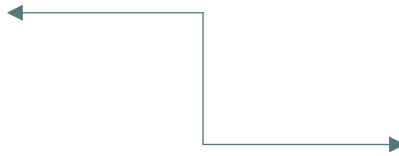
- **ALX Systems** provides the second generation of drone operating system.



- **Amazon HS3C:**
 - LVCC, South Hall 2 - 25400
- **Drone Analytics:**
 - Sands, Halls G - 53310
- **GDU-Tech**
 - LVCC, South Hall 2 - 25752
- **Global Energy Transmission**
 - LVCC, South Hall 2 - 25329



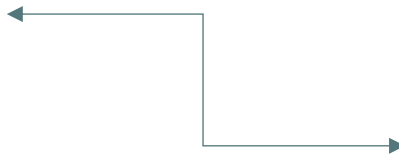
- **Cabin3D** develops applications related to 3D files of people.



- **Th3rd B.V.**
 - Sands, Hall G - 51726
 - **Artec 3D**
- LVCC, South Hall 3 - 31530
 - **Polymaker**
- LVCC, South Hall 3 - 32024

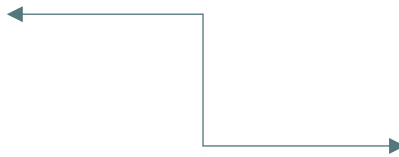
LINEDOCK

- **Linedock** is a one-stop solution for creative pro's thanks to its fast-charging capabilities.



- **Arroe Limited:**
 - Sands, Hall G - 51441
- **The PorTable:**
 - Sands, Halls G - 53182
 - **PowerUp**
 - Sands, Hall G - 51253
- **Quick Energy Technologies Ltd**
 - Sands, Hall G - 51441

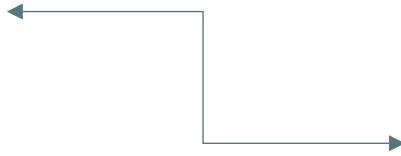
- **Mintt** analyses and prevents falls of elderly in hospitals, nursing homes and services flats



- **Cherry Home**
 - Sands, Hall G - 51315
 - **CMI Health**
- Sands, Halls A-D - 43555
 - **Magneta**
- Sands, Hall G - 51523



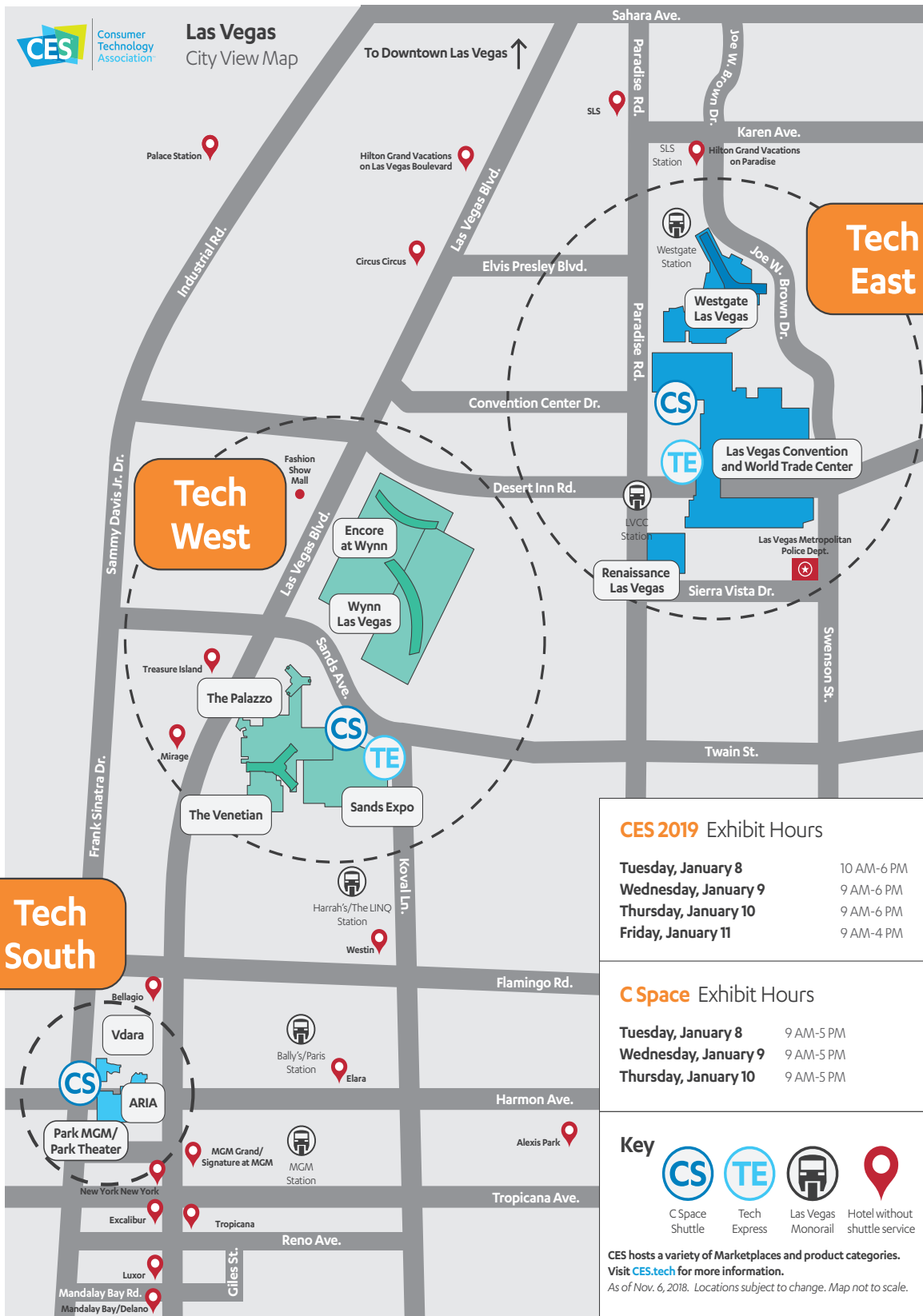
- **p-HEAL** is a connected and smart pillbox that helps you remember your treatment.



- **Pillo Health:**
 - Sands, Hall G - 50521
- **Shenzen Belter Health Measurement & Analysis Tech:**
 - Sands, Halls A-D - 44413
- **Medipense**
 - Sands, Hall G - 51324



Las Vegas City View Map



Tech East

Tech West

Tech South

CES 2019 Exhibit Hours

Tuesday, January 8	10 AM-6 PM
Wednesday, January 9	9 AM-6 PM
Thursday, January 10	9 AM-6 PM
Friday, January 11	9 AM-4 PM

C Space Exhibit Hours

Tuesday, January 8	9 AM-5 PM
Wednesday, January 9	9 AM-5 PM
Thursday, January 10	9 AM-5 PM

Key

- C Space Shuttle
- Tech Express
- Las Vegas Monorail
- Hotel without shuttle service

CES hosts a variety of Marketplaces and product categories. Visit CES.tech for more information. As of Nov. 6, 2018. Locations subject to change. Map not to scale.