GREATER PHOENIX theconnected place.org



GREATER PHOENIX Where business comes together to change the way we live.

This isn't a movement. It's our identity. As the fifth largest city and one of the largest regions in the U.S., our approach to connectivity extends beyond the fabric of our community. As a market, we're on a relentless pursuit of innovation and our business ecosystem is committed to changing the game. To us, connectivity is about our region's legacy businesses joining forces with emerging disruptors — coming together to make the world a better place.

It's about the internet of things being THE thing in Greater Phoenix.











WAYS TO GET INVOLVED



Sign up for the The Connected Place newsletter and tell others about the momentum

Check out the short video and share it with your friends

<u>}</u>

Add a "Proud Member of The Connected Place" badge to your website

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Financially invest by teaming up with the Greater Phoenix Economic Council

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CYBERSECURITY because vulnerability isn't good for people or business



CYBERSECURITY IN GREATER PHOENIX

Cybersecurity is recognized by state and local government leaders and industry pioneers as an important cornerstone for the Arizona economy. Recently ranked in the top ten by Forbes for information jobs, Greater Phoenix is well-positioned to support both legacy companies and the expansion of emerging disruptors. This is just part of the reason why so many businesses here are at the cutting edge of cybersecurity innovation and why our educational institutions are committed to preparing cyber warriors of tomorrow.

4.000 + localgraduates fueled the cvbersecurity talent pipeline in 2015-2016



17% Growth of cvbersecurity cluster in Greater Phoenix

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25+ Security operations centers & global security operations centers

A THRIVING ECOSYSTEM

LEGACY COMPANIES

- · Bechtel
- Charles Schwab
- Chase
- · Wells Fargo

CRITICAL INFRASTRUCTURE

- Cyber Warfare Range
- ASU Cyber Security Institute
- · A7 Labs

EMERGING DISRUPTORS

- Emailage
- · Intellispyre
- Kudelski Trusona

FUTURE PIPELINE

- · Arizona State University
- · Embry-Riddle
- Grand Canvon University
- · Maricopa County Community College
- · University of Advancing Technology
- · University of Arizona
- · University of Phoenix

INDUSTRY RESOURCES

- · ACA Arizona **Innovation Challenge**
- · AZ Start up Foundation
- · A7 Tech Council **Cyber Subcommittee**
- Cyber Security Canvon
- + #yesphx

OPERATING ENVIRONMENT

- · Economic Development Programs
- Fiber capacity
- Low disaster risk
- Low taxes/ open regulatory environment
- Robust electrical redundancy rates
- TALENT DISPOSITION
- · Density of workers · Ease of hiring

Contact us for a full list of cybersecurity businesses and assets.

Cybersecurity is **THE** thing in Greater Phoenix, here's why:

CONSISTENCY

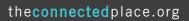
I ow natural disaster risk = power for critical IT operations

WORKFORCE

Rapidly growing IT workforce generated by the nation's leading Universities and institutions

INNOVATION

Foundation of legacy business coupled with emerging disruptors creating the technology of tomorrow



-

DROFERESS DECAUSE 94% of automotive accidents

are caused by human error



DRIVERLESS **VEHICLES** IN GREATER PHOENIX

Driverless vehicles are changing the world we live in, and Greater Phoenix is leading the way in supporting the development and testing of this transformative technology. Enabling programs and policy have made Arizona a top destination for driverless vehicle testing. and a supportive supply chain and electronics cluster make it ideal for new software and hardware system development, and innovation.

4000+ local graduates fueled the driverless

vehicle talent pipeline

in 2015-2016

2nd Fastest growing market for electric vehicles



6 automotive proving grounds in Greater Phoenix

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A THRIVING ECOSYSTEM

PROVING GROUNDS

- · Chrvsler
- Ford
- General Motors Komatsu
- Nissan
- Toyota

AUTOMAKERS

· Local Motors Lucid Motors

INNOVATION

- GM AZ IT Innovation Center
- Intertek Phoenix Auto Lab

AUTONOMOUS

- Cruise Automation · Ford
- · General Motors
- Intel Uber
- Wavmo

SUPPLY CHAIN

- Amsafe Aviation
- Remanufacturing
- · Special Devices
- · TRW Vehicle Safety Systems

TALENT DISPOSITION

· Density of workers · Ease of hiring

· East Vallev Institute of Technology · Embry-Riddle

Grand Canyon University

FUTURE PIPELINE

· Arizona Advanced

Manufacturing

Institute

· Arizona State

Universitv

- · Maricopa Community College
- University of Advancing Technology
- · University of Arizona
- · University of Phoenix
- West-MFC

OPERATING ENVIRONMENT

· Economic Development

- Programs Fiber capacity
- · Low disaster risk
- Low taxes/ open regulatory
- environment Robust electrical
- redundancy rates

Contact us for a full list of driverless vehicle businesses and assets.

Driverless vehicles are THE thing in Greater Phoenix. here's why:

EXECUTIVE ORDER

In 2015, Governor Ducey signed an executive order to reduce barriers to testing driverless vehicles in Arizona

CLIMATE

Excellent infrastructure and weather for testing vehicles

5G INFRASTRUCTURE

In 2017, Arizona passed legislation creating a statewide policy for the implementation of 5G technology

- Atsco

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WEARABLES

because faster data about health can save your life



WEARABLES IN GREATER PHOENIX

Greater Phoenix has a long history of developing advanced sensors and electronics to support the wearables industry. These technologies across the region have recently found their way into medical devices and other innovative applications. Over the past 50 years, this region has become one of the most significant areas for developing and manufacturing microelectronics and semiconductors. Because of it's robust supply chain and workforce Greater Phoenix is well positioned to support both legacy wearable companies and emerging disruptors.

7.500+ local graduates fueled the wearables talent pipeline in 2015-2016



93% of Greater Phoenix has a download speed above 100Mbps



\$233M invested in 1000+ clinical trials in Greater Phoenix

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A THRIVING ECOSYSTEM

INDUSTRY RESOURCES · ASU Additive

· ASU Flex Electronics

· Biodesign Institute

Medical Simulation

· Phoenix Biomedical

· Wearable Robotics

· Clinical Trials

Manufacturing

Center

Center

iProjects

Centers

Campus

OPERATING

Economic

Programs

Low taxes/

ENVIRONMENT

Development

· Fiber capacity

Low disaster risk

open regulatory

· Robust electrical

environment

Association

LEGACY COMPANIES

- · Avnet
- Garmin
- Intel
- · Mavo Clinic
- · Medtronic
- OnSemiconductor

EMERGING DISRUPTORS

- · Dexcom
- HealthTell
- · Life365
- · Neolight
- Neuromechanical Innovations
- · SpringActive

FUTURE PIPELINE

- Arizona Advanced Manufacturing Institute
- · Arizona State
- University · East Valley Institute
- of Technology Embry-Riddle
- Grand Canvon University
- · Maricopa County **Community College**
- · University of Advancing Technology
- · University of Arizona
- · University of Phoenix · West-MEC

redundancy rates TALENT DISPOSITION

- · Density of workers · Ease of hiring
- Contact us for a full list of wearable businesses and assets.

Wearables are **THE** thing in Greater Phoenix, here's why:

POWER

True redundancy of power is available across a range of sites

WORKFORCE

Rapidly growing workforce is fueled by an active workforce development community

STATE-OF-THE-ART INFRASTRUCTURE

Availability of ultrapure nitrogen lines

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EXAMPLE 1 INTERVIEW OF CONTROL OF CONTROL



INDUSTRY 4.0 IN GREATER PHOENIX

Industrial activities have been a cornerstone of the Arizona economy for decades with a number of advanced manufacturing facilities across the state. New technologies representing industry 4.0 are allowing manufacturers to produce with lower costs and increased efficiency. Greater Phoenix is leading the way in adoption and advancement of these next-generation technologies that represent the fourth industrial revolution in addition to preparing a workforce ready to innovate.

6000+ local

graduates fueled the industry 4.0 talent pipeline in 2015-2016



Greater Phoenix has a robust manufacturing industry ready to adopt innovative technology

The region's universities host a number of leading robotic and electronic institutes

LEARN MORE: THECONNECTEDPLACE.ORG | 602.256.7700

A THRIVING ECOSYSTEM

INNOVATING Companies

- Avnet
 Industrial Knowledge
- industrial Milowieu
- · JDA Software
- M2M Spectrum Networks
- Microchip
- ON Semiconductors
 PADT
- · SAP
- · Shelvspace

MANUFACTURING OPERATIONS

· Boeing

- · Honeywell
- · Intel
- · Microchip
- · NXP
- Orbital ATK

TALENT DISPOSITION

- Density of workers
 - \cdot Ease of hiring

ENVIRONMENT • Economic Development Programs

OPERATING

- Fiber capacity
- \cdot Low disaster risk
- Low taxes/ open regulatory environment
- Robust electrical redundancy rates

FUTURE PIPELINE

- Arizona State University
- · Embry-Riddle
- Grand Canyon University
- Maricopa County Community College
- University of Advancing Technology
- University of Arizona
- · University of Phoenix

Contact us for a full list of industry 4.0 businesses and assets. Industry 4.0 is **THE** thing in Greater Phoenix, here's why:

MANUFACTURING Robust manufacturing industry primed to adopt new technologies

WORKFORCE

Rapidly growing IT workforce generated by some of the nation's leading Universities and institutions

RESEARCH & TESTING

Innovative partners ready to support with research and testing opportunities