



SAN DIEGO'S IoT INDUSTRY

Internet of Things (IoT) is changing the way people interact with technology. The industry is developing at the convergence of connected devices, data analytics, wearable electronics, mobile technology and software. In San Diego, companies like Ingenu are leading the way in creating new network solutions for IoT devices with the development Random Phase Multiple Access (RPMA) technology.


As local companies continue to set the standard in machine-to-machine connectivity, a new industry is being born, with widespread impact in industries like healthcare, life sciences, technology, smart cities and consumer products. At the convergence of many other industries, IoT companies investing in and developing these technologies are diverse in focus – from health monitoring bracelets to critical response through sensors in emergency situations.

HIGHLIGHTS

- » **State of the art lab:** In 2017, global analog semiconductors company Skyworks Solutions announced the opening of a state of the art design and research lab in San Diego.
- » **Invention revolution:** At CES 2017, keynote speaker and Qualcomm CEO, Steve Mollenkopf equated the development of 5G and IoT as the spark for an "Invention Revolution."¹
- » **One billion chips:** As of January 2017, San Diego-based Qualcomm has shipped more than one billion IoT semiconductor chips, powering connected devices of all kinds.²

KEY COMPANIES


- | | |
|---------------------|----------------------------|
| » Cubic Corporation | » Qualcomm |
| » Dexcom | » ResMed |
| » FitBit | » Skyworks Solutions |
| » Ingenu | » Thermo Fisher Scientific |


INNOVATION


MILITARY


TOURISM


LOCAL


INTELLECT

SPOTLIGHT

Ingenu
Ingenu develops groundbreaking technology that enables long-range, low-power connectivity for the IoT. Based in San Diego, the Ingenu network is being extended to serve cities across the country from our region to Tampa.



RESOURCES

EvoNexus
EvoNexus is the premiere, nonprofit tech startup incubator in Southern California. By partnering with some of San Diego's biggest tech companies, EvoNexus has raised more than \$675 million for San Diego companies.
evonexus.org

CyberTECH
CyberTECH is a global cybersecurity and Internet of Things (IoT) network ecosystem providing cybersecurity and IoT resources, strategic programs and thought leadership events across the nation.
cybertechnetwork.org

Tech San Diego
Tech San Diego brings together San Diego's software technology, data analytics and cloud-based application communities to promote industry growth and success, address common technical challenges and business opportunities and advocate for common interests.
techsd.org

Sources: Highlights: 1. Qualcomm, "IHS 5G Economic Impact Study", 2017 2. VB, "Qualcomm has already shipped more than a billion chips for the Internet of Things", 2017