



Lisnr in Cincinnati, Ohio.

Ohio

The Tech Effect in Ohio



PRC employees test one of their speech-generating devices.

Ohio's Advantage



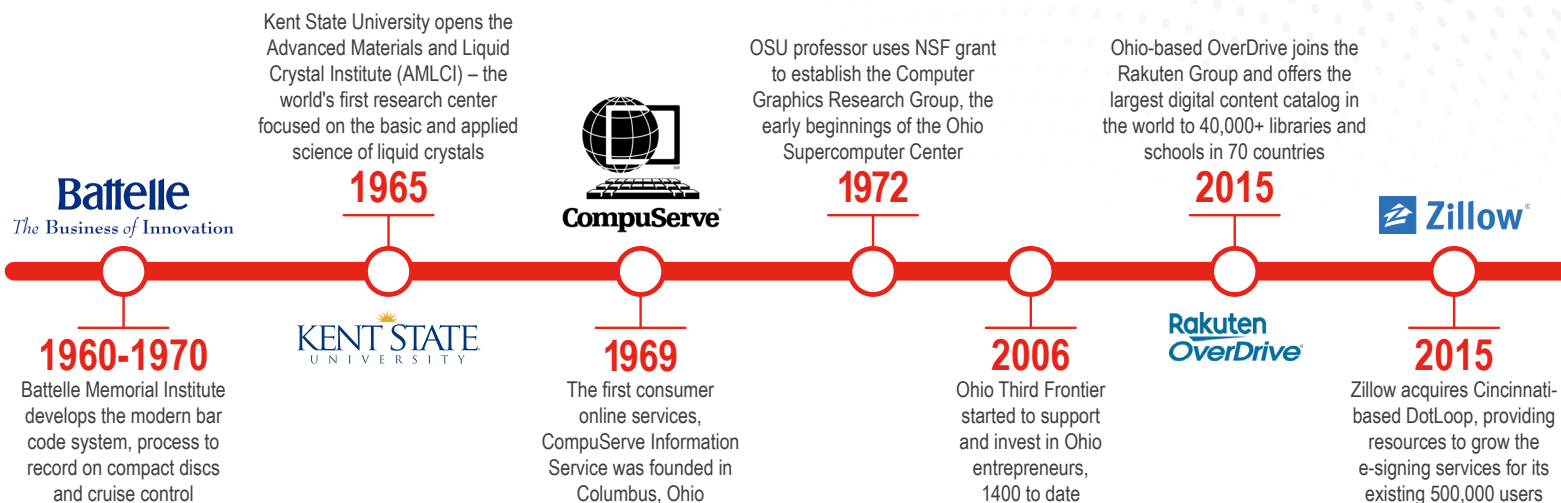
Here's how one Ohio company is evolving through tech innovation



For 50 years, Prentke Romich Company (PRC) has been leading the way in giving a voice to those who cannot speak for themselves. When it was founded in 1966, the company offered a typing system based on a discarded teletype machine for those with language disabilities.

Today, the company has paved the way in the development of speech-generating devices (SGDs) and assistive technology for people with speech disabilities. PRC's offering evolved to include iPad and Android apps as well as a bundled iPad/app product for its clients. PRC continues to be a pioneer and innovate in the field of augmentative and alternative communication, helping thousands of customers worldwide.

Highlights from Ohio's Accelerating Tech Ecosystem



Changing How Industries Operate

Tech adoption is a necessary evolution for companies in every industry

Every company today is a tech company to some extent. The integration of technology is necessary to be efficient, stay relevant and stay profitable. From healthtech to the internet of things (IoT), smart mobility and beyond, companies adopting new technology are seeing success in Ohio.

Companies in Ohio collaborate with each other, as well as education institutions and public-private entities to open joint innovation centers, to spinoff new ventures and to pursue innovations:

- **JPMorgan Chase** has partnered with Otterbein University, JobsOhio and the city of Westerville to bring some of its fintech research and development to life in central Ohio.
- **The Cleveland Foundation, Case Western Reserve University and Cleveland State University** have formed a collaboration around IoT focused on practical applications in four areas: manufacturing, health, energy and municipal infrastructure.
- **Ohio's internationally recognized hospitals** have given rise to new companies using healthtech to detect heart disease early.

Ohio has a thriving technology environment made up of startups, Fortune 500 and 1000 companies, and everything in between. Some of these companies are completely dedicated to a tech solution, others are looking for ways to use tech to make some element of business better.

Take Ohio-based Kroger, for example. The grocer is the largest in the U.S. and is no longer just a grocer. Today, Kroger is an avid developer of technology solutions. Services such as order online with in-store pickup, "Scan, Bag, Go" and personalized digital coupons make shopping easier and more convenient for its customers. Additionally, Kroger's spinoff brands Kroger Technology,

Kroger Pay and 84.51° are specifically dedicated to analytics and technology that improve the customer experience.

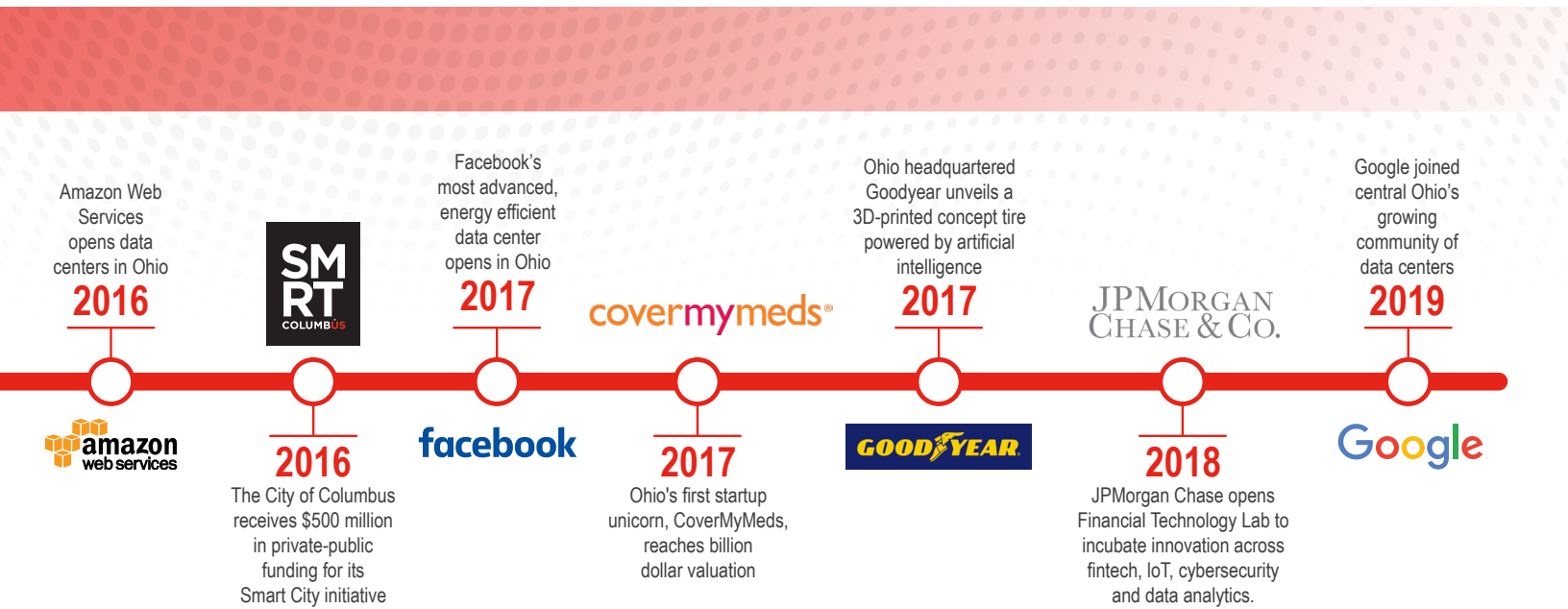
Assets like the Ohio Supercomputer Center (OSC) and the Ohio Academic Resources Network (OARnet) offer cutting-edge technology applications to improve education and enhance business:

- **The OSC features scalable mid-range machines** like those found at some of the nation's best foundations, providing clients with integrated hardware, software and consulting services under one roof.
- **OARnet is a statewide, broadband superhighway** operating at 100 Gbps. It connects education institutions, government agencies and research organizations. OARnet helps businesses reduce operating costs by accessing an array of specialized tools that may be outside of their budget.

Other infrastructure investments by the state help further Ohio's tech industry by advancing the field of autonomous and connected vehicles and drones:

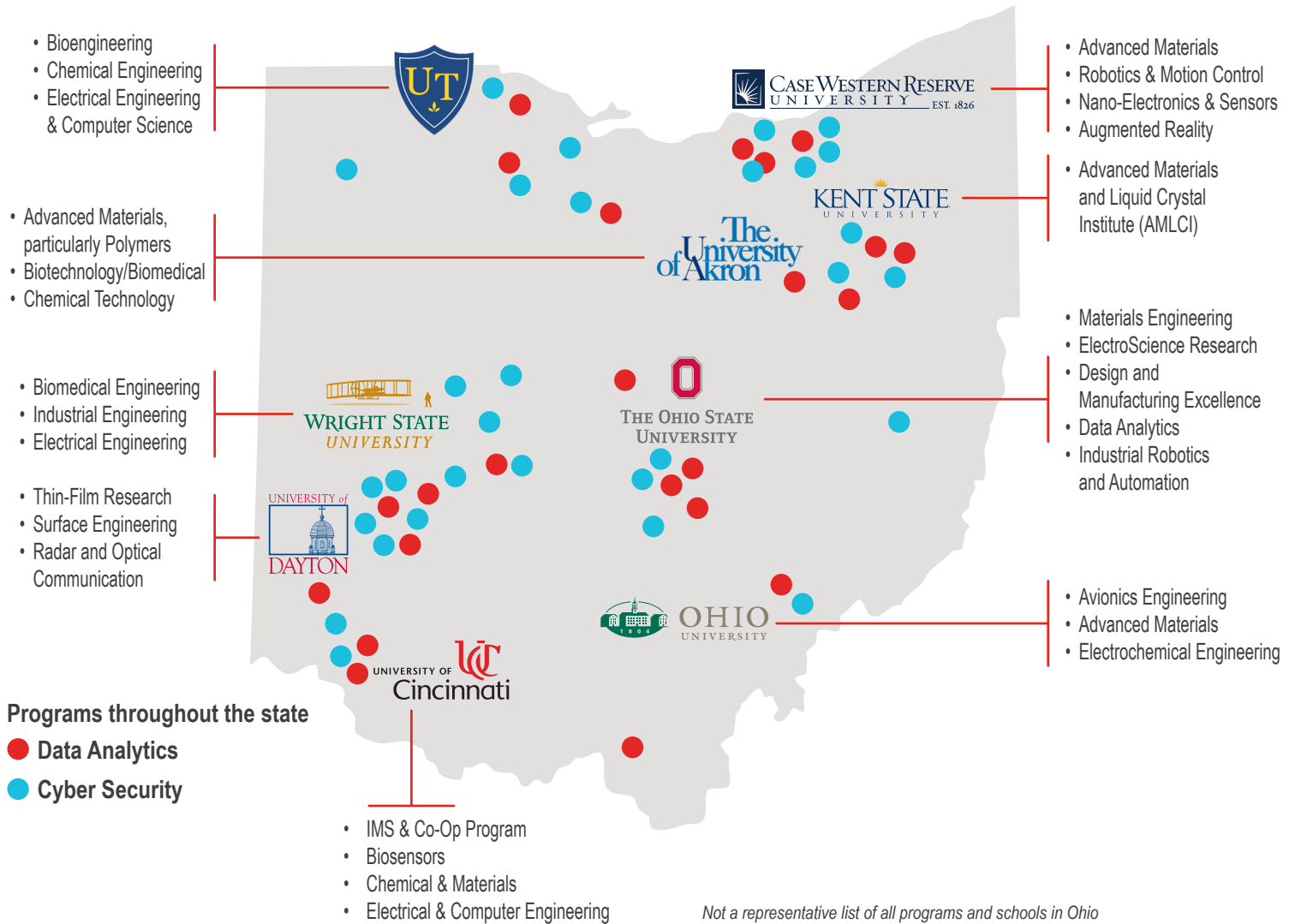
- **Smart Mobility Advanced Research and Test (SMART) Center** is a state-of-the-art hub for automated and autonomous testing at the Transportation Research Center (TRC), the nation's largest independent automotive proving ground.
- **DriveOhio and FlyOhio are Ohio's centers for smart mobility**, bringing together public and private entities involved in building transportation infrastructure and traffic management systems.
- **Unmanned Aircraft Systems (UAS) Center** aims to commercialize UAS technology and support the community through R&D and safe integration into the National Airspace System (NAS).

Ohio is home to several diverse industries. Whether it's agribusiness or financial services, energy or logistics, companies are making the digital shift to stay relevant. No matter what their goal is with tech, every company is finding the resources and supportive environment in Ohio to make it happen.



Ohio: Building a Better Tech and Engineering Workforce

Ohio has a tech workforce of over 295,000. The tech and engineering pipeline is abundant, with graduates educated by some of the top programs across the state. In computer engineering alone, there was a 165 percent increase in degrees granted in Ohio from 2006-17, the highest growth in the Midwest. The quality, diversity and size of Ohio's workforce assures companies will find prime talent for any technology position.



- Ohio has 8 universities or colleges certified by the National Security Agency as Centers of Academic Excellence in Cyber Defense, and 1 school certified in Cyber Operations
- 3 universities with dedicated Centers for Analytics and Data Science
- 23 institutions offering Data Analytics programs
- 59 Ohio Technical Centers
- 50 cybersecurity degree programs in Ohio

To learn about the partnerships and resources available in Ohio, visit JobsOhio.com



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