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Oracle Industry Lab

The Oracle Industry Lab is a unique idea incubator designed to help businesses in a variety of industries tackle their most complex challenges. At locations around the world, we work side by side with our customers and technology partners in hands-on simulated industry settings to turn bold ideas into powerful solutions they can implement and use today.

Oracle Industry Lab charts course to help spark new solutions.

Oracle Expands Global Network of Industry Innovation Labs

Oracle's 30,000-square-foot Industry Innovation Lab is located just outside of Chicago, Illinois. The working lab provides customers a hands-on environment to develop new ideas and create solutions leveraging technology from Oracle and more than 30 industry partners. Supported by Verizon 5G Ultra-Wideband, the lab focuses on the energy and water, construction and engineering, communications, manufacturing, and local government (public safety) industries. Oracle has also opened a new sustainability and mobility-centered lab in Reading, England and a construction industry-focused lab in Sydney, Australia.

"The core technology used in the world's most essential industries doesn't run in an office, it runs on a construction site, in the utility operations center, on the manufacturing floor," said Mike Sicilia, executive vice president of Oracle's vertical industries. "So, why not let customers develop, test, and validate technology in similar environments? The lab brings these scenarios to life so that collectively, customers, partners, and Oracle can create solutions to fuel opportunity and solve the really tough problems these industries are facing."

Discover how we're innovating across industries

Construction and Engineering

The construction and engineering industry is rethinking every aspect of project delivery for both owners and builders as they confront material constraints, rising costs, shifting project types, and a retiring labor force. At the lab, Oracle and partners explore the power of a connected ecosystem leveraging technologies such as visual progress monitoring, sensor-based tracking, digital twins, autonomous laser scanning, augmented reality, IoT, and more. Together with Oracle's portfolio of construction and engineering solutions, these offerings enable visitors to test and validate new solutions to inform predictive decision-making, reduce inefficiency, mitigate risk, and foster better outcomes.

Manufacturing

A global pandemic, extreme supply chain and labor shortages, and increasing customer expectations are forcing manufacturers to adapt faster than ever. To compete, companies need to digitize their businesses and increase connectivity throughout their operations by embedding technologies such as IoT, AI,

"We see huge value in a facility like the Oracle Industry Lab where we can test and validate new technologies in a simulated worksite environment. Once we prove the value and approach, it's much easier to take them out to our own worksites and quickly scale them up."

John Jurewicz
Senior Director of Technology
Walbridge

Innovation in Action

Demonstrating a 'day in the life' for digitally connected enterprises across multiple lines of business:

- Construction & Engineering
- Energy & Water
- Manufacturing
- Communications
- Local Government

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augmented reality, digital twins, predictive analytics, and factory automation. The smart manufacturing lab enables customers to experiment with these technologies to demonstrate their impact on efficiency, quality control, customer satisfaction, and sustainability.

Energy & Water

Water, gas, and electric utilities are facing unprecedented regulatory, environmental, and customer-driven demands. Technology will play a critical role in helping them navigate these challenges and continue to deliver the safe, reliable, and clean water and energy resources that power our world. With simulated environments including a connected neighborhood and smart studio apartment, the lab will enable customers to experiment with technologies such as sensors to help relieve stress on the electric grid, drones, and augmented reality to improve safety and efficiency in field work, and AI and behavioral science to guide households to be more energy efficient.

Communications

For service providers, 5G represents an opportunity to not only bring new, more reliable services and products to consumers, but also drive new revenue streams in the enterprise. These can range from powering robotic surgeries to smart factories. At the lab, visitors can experiment with how cloud native communications technologies are enabling automation and scaling to meet expected growth in 5G subscribers, connected devices, and demand for rapid service innovation. Explore how service providers can partner with industries to co-create B2B2X (business-to-business-to-X) offers and business models.

Local Government

Today's public safety professionals face new and evolving challenges every day. Oracle recognizes that you operate in a data-driven world, and we are actively developing technologies to help you identify, store, and act on critical data—in real time. As challenges evolve for police and law enforcement, new public safety technology solutions are helping those professionals serve, protect, and engage communities. At the lab, visitors can strengthen their public safety initiatives with the power of Oracle's comprehensive cloud solutions, to build trust, connect with citizens, and continually empower agency innovation.

"Innovation is a team sport, and it takes time. It doesn't happen in a vacuum; at its best, it happens through collaboration with customers."

Burcin Kaplanoglu,

Vice President, Innovation, Oracle Industry Labs

More Information

Get started with the Oracle Industry Lab:
Oracle.com/Innovation

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