



# Robotics and Automation

## Driving Better, Faster, Cheaper

Next-generation robotics, combined with artificial intelligence, are poised to automate dangerous, repetitive, and boring tasks that human beings perform now. The future workforce will incorporate robots working side-by-side with humans, optimizing for the best qualities of each: speed plus precision for robots, creativity plus flexibility for humans.

### What Can Robotics & Automation Do for My Enterprise?

From advanced AI-enabled drones to back office innovation, robotics and automation are revolutionizing entire industries. National retailers are deploying robots to systematize and accelerate the pace of package delivery. Big box stores are programming smart bots to monitor and track stock levels. Sports teams employ robotic agents to enhance security operations. Meanwhile, the use of drones equipped with navigational systems and computer vision is transforming safety and inspection operations at industrial scale. From surveying city-wide railroad tracks to offshore oil rigs to high-voltage power lines, drones perform more accurately, faster, and more safely than human beings doing the same jobs.

Robotics is the world's fastest-growing industry, with global spending to increase 17% annually, from \$71 billion in 2015 to \$135.4 billion in 2019.

-IDC

95% of CEOs who have adopted robotics say it has increased productivity.

-PwC



### How is Valence Helping Clients Integrate Robotics and Automation?

Groundbreaking developments over the past ten years have reduced the price of robotics and automation, so this powerful technology is now accessible to enterprise customers as well as small-scale industrial operators. When combined with AI and data processing capabilities, robotics can help you optimize operations, enhance business processes, increase customer satisfaction, and improve worker safety. At Valence, we work with our clients to determine realistic approaches for integrating robotics and automation into their businesses, along with AI, data analytics, IoT systems, and other leading-edge transformational technologies.



### Valence. Building Potential. Together.

Valence is a digital transformation solution provider focused on helping enterprise customers worldwide understand and apply next-generation technologies in a smart and innovative way to advance their business goals.



Let's Get Started

[valencelevel.com](http://valencelevel.com)



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