$23.6B USD
revenues in Robotics-as-a-Service worldwide by 2025

$5.6B USD
in global collaborative robotics hardware shipments by 2025

$13.5B USD
revenues in the global home care and lawn care robotics market by 2025

ABI Research's Robotics, Automation & Intelligent Systems service provides best-in-class quantitative market studies and deeply informed qualitative analysis covering the entirety of the robotics value chain, from enabling technologies, to "whole cloth" robotics systems and robotics services, then on to specific applications in specific industry verticals, and finally at the sector level (public, industrial, commercial and consumer sectors). Our extensive coverage includes market data, trend, and forecast reports, as well as critical information on technology suppliers, implementers, investors, governments, and economic development groups. We look at the robotics technology in a granular and holistic manner, covering the market at subcomponent level and in conjunction with other innovative technologies, including 5G and machine learning. As robotics technology becomes more mission and business critical, we are able to provide technology suppliers and implementers with the visionary and authoritative insight necessary to assist them enhance existing product lines, invest in or acquire firms, or create robotics innovation economies.

TOP QUESTIONS WE RECEIVE FROM INDUSTRY INNOVATORS

- How can my company increase profitability and become more competitive through robotics automation?
- Which companies in the robotics intelligence space should my company consider acquiring or making investments in?
- What are the disruptive and emerging robotics technologies my company should be aware of?
- What are the innovative, new robotics solutions for SMB manufacturing, and how can they transform my business operations?
- How can mobile service robots benefit enterprise?
- What is the competitive landscape of the robotics industry?

- What are the new trends and forecasts for the consumer robotics market?
- What are the 5G use cases in robotics?
- How can we use robotics technologies to develop new products and services, enhance existing products and services, and enter new markets?
- How can my company increase its levels of high-value manufacturing with robotics?
- How can my regional economic development group develop a robotics innovation economy?

COVERAGE AREAS

- Industrial and commercial robotics market sizing, trends, and forecasts
- Consumer robotics market sizing, trends, and forecasts
- Small unmanned aerial systems (drones) market sizing, trends, and forecasts
- Robotics innovation for manufacturing, healthcare, logistics, agriculture and other sectors
- Robotics investments and acquisitions
- Robotics start-ups and emerging technologies
- Cognitive robotics
- Cloud robotics

- Robotics-as-a-Service
- Robot operating systems (ROS) and open source robotics
- Personal and social robots
- Exoskeletons and soft robotics
- Small unmanned aerial systems applications and markets
- Collaborative robotics
- Impact of 5G, IoT, machine learning on robotics
- Robotics opportunity landscape
- Socio-economic impact of robotics

KEYWORDS

- Robotics
- Automation
- Industrial robots
- Collaborative robots
- Service robots
- Consumer robots
- Mobile robots
- Personal robotics

- Soft robotics
- Agile robotics
- Social robots
- Exoskeletons
- Manipulators and end-effectors
- Cloud robotics
- Drones
- Machine learning

- Deep learning
- Unmanned aerial vehicle
- Unmanned aerial systems (UAS)
- Industry 4.0
- Industrial IoT
- Sensors
- Robotics as a Service
- Intelligent systems

- Autonomy
- Actuators
- Lawn care
- Home Care
- Medical robots
- Manufacturing
- Sensors