MOVE
Production flow sensor data is constantly monitored using deep learning to maximize efficiency and improve quality. Robots can even be dynamically reconfigured for new tasks.

ASSEMBLE
AI increases accuracy from 60% to 95% in applications like pick-and-place from bins. Robots can do multiple tasks, many robots can work in tandem, and cobots can even work side-by-side with factory employees to improve productivity.

TRANSPORT
The supply line triggers autonomous vehicles—from self-driving UAGs to UGVs—for handling and transporting completed products to the warehouse or other locations.

THE ENTIRE SUPPLY CHAIN
MINING AND AGRICULTURE
Equipment automation, farm to fork quality

INTELLIGENT WAREHOUSE
Inventory management, asset optimization, Physical security

LOGISTICS
Supply chain optimization, Order fulfillment, Delivery

THE AI FACTORY
Powered by NVIDIA
AI-enabled smart factories are changing the way manufacturing is done. AI computing powers industrial robots, big data analytics, and IIoT—managing, analyzing, and acting on tremendous amounts of data from a variety of sensors. With solutions like NVIDIA® Jetson™ at the edge or near-edge and NVIDIA Tesla™ in the cloud, smart factories are increasing efficiency, improving quality, and reducing setup costs.