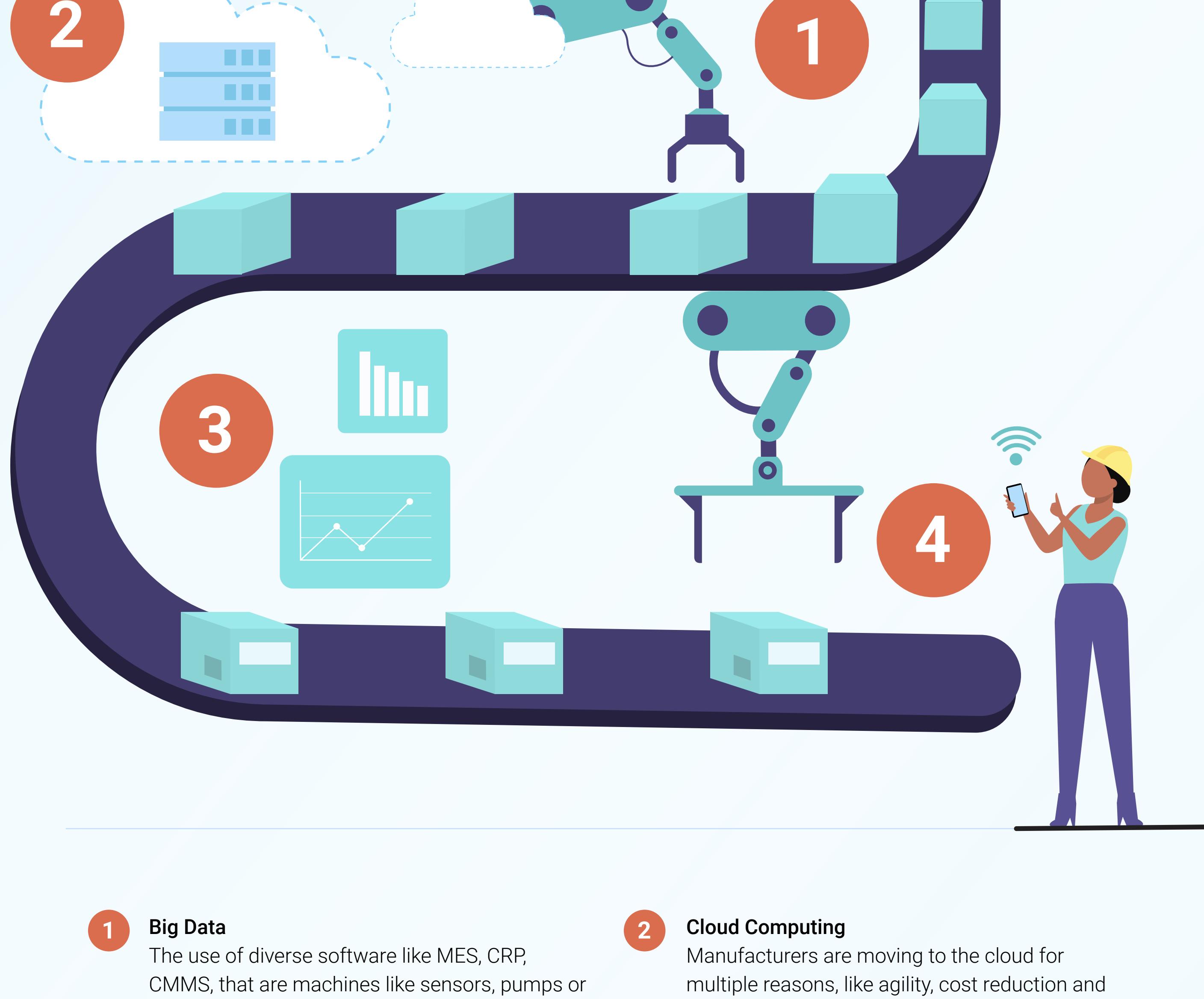


One Platform To Streamline Your Manufacturing Operations

Manufacturers are leveraging digital transformation initiatives to enhance productivity, increase efficiency and optimize costs. The addition of new technologies provides a wide range of new capabilities however, they also place additional strain on the network, increasing the chance of a disruption.

Manufacturers have entered into the Industry 4.0 era. Automation, artificial intelligence, big data and IoT are just a few digital transformation initiatives being leveraged to fuel advancements.



1 Big Data

The use of diverse software like MES, CRP, CMMS, that are machines like sensors, pumps or conveyors are generating sets of data, too large or complex to be dealt with by traditional data-processing applications. Big data allows for patterns to be identified, challenges to be remediated and for production to be boosted.

3 IoT

Until recently, IoT has primarily been used for running the business and managing manufacturing operations. However, IoT goes well beyond this to next level for data collection. IoT aids in the collection of data from different 'Things' - about operations, production, quality, utilization, consumption, etc. and uses it to streamline and refine the business processes.

2 Cloud Computing

Manufacturers are moving to the cloud for multiple reasons, like agility, cost reduction and elasticity. The cloud allows manufacturers to have on-demand availability of data and expanded analytic capabilities, allowing them to identify challenges more quickly. Total cost of ownership with cloud-based solutions is typically lower than traditional on-premise systems because businesses are only paying for the resources they use, when they use it.

4 Augmented Reality

Augmented Reality (AR) is projected to reach \$114.5 billion by 2027. Allowing manufacturers to access manual process and automated data at the same time. Manufacturing organizations are bringing in automation to handle simple, repetitive tasks and track data.

Streamline Operations, Maximize Efficiency

A resilient network is crucial for operational efficiency in manufacturing. Continuously deploying new technologies and pushing more assets to the edge to support evolving requirements, increases the chance of a disruption.

Count on the Network Resilience Platform to:

Ensure secure, remote access to devices, even when the network's down

Provide enough bandwidth for critical processes to continue to operate during a disruption

Enable the ability to remotely identify and remediate network issues

Provide a simple, secure and reliable solution to Day One deployments of new facilities