



Smart, connected products are revolutionizing manufacturing

Smart, connected products will save companies \$1.8 trillion by 2030

Manufacturers generate more than 1.8 million terabytes of data annually, but lost insights due to inadequate data handling often lead to missed cost savings or new revenue opportunities.

In the manufacturing environment, cloud computing, artificial intelligence, machine learning, and the Internet of Things (IoT)

are enabling a new range of electromechanical products – from consumer devices to industrial machinery.

Using integrated, adaptive cloud-based platforms, these smart, connected products sense, collect, and transmit data within a network of devices to all stakeholders, including end-users.

Smart systems supercharge manufacturing profits

Smart, connected products save manufacturers money, enable top-line growth, and support innovative business models in three core areas:

1

The value of ecosystems: Companies that successfully establish smart, connected ecosystems increase their revenue by 13%.

2

Cost reductions and improved efficiencies: Collectively, organizations will realize a \$1.8 trillion average value of cost reductions and operating efficiencies by 2030.

3

Smart products drive higher revenue: Connected products will help organizations realize \$2.3 trillion in incremental revenue generation by 2030.

Unlocking revenue opportunities, enhancing customer lifetime value

Smart, connected products unlock multiple avenues for capitalization, positioning manufacturers as strategic players within evolving physical and digital ecosystems.

Here's how:



Inventory management

A manufacturer can use IoT tracking to monitor product movement and storage in its warehouses and distribution centers, thus reducing errors and optimizing inventory levels.



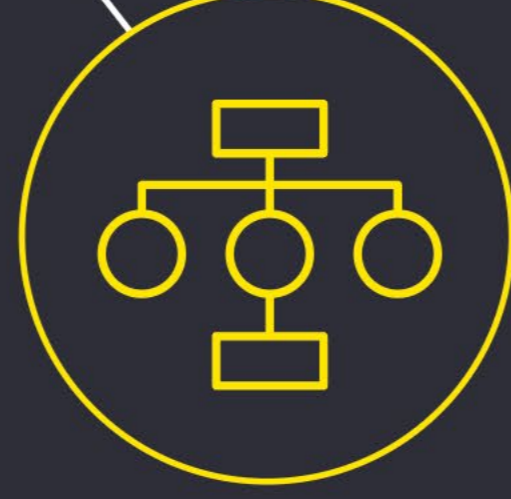
Supply chain visibility

Smart sensors enable real-time tracking of inventory and environmental factors in production sites, optimizing processes, ensuring compliance and driving informed decisions.



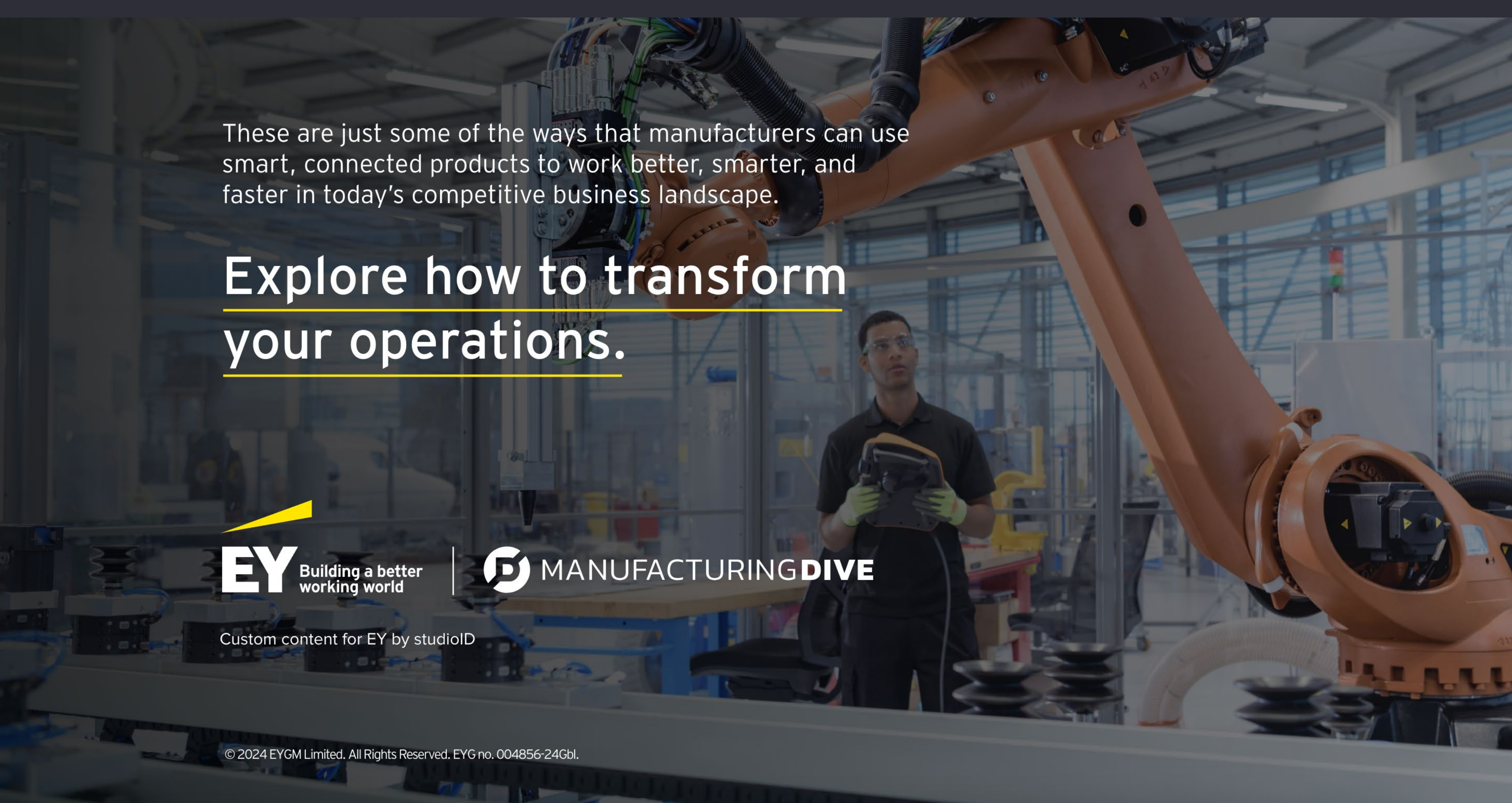
Product development

IoT integration in prototypes and products lets manufacturers collect real-time user data, which is then used to optimize development through data-driven decision-making.



Operational excellence

In a factory setting, IoT sensors monitor machine use, minimize downtime and enhance production schedules. Connected devices enable predictive maintenance, process optimization and energy conservation.



These are just some of the ways that manufacturers can use smart, connected products to work better, smarter, and faster in today's competitive business landscape.

Explore how to transform your operations.



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