

# Devices and software, transforming manufacturing

## Manufacturers need advanced devices to take full advantage of the industry's latest innovations.

With automation, the Internet of Things, robotics, cloud computing, and more, technology in manufacturing is advancing rapidly. According to a recent report by Deloitte, *The Future of Manufacturing*, advanced technologies and talent are the most critical factors in keeping manufacturing competitive and relevant in countries worldwide.<sup>1</sup>

Microsoft Surface devices enable industry workers from engineers to shop floor operators to access mission-critical files and tools on the go, and to stay connected and productive anywhere.

Surface devices are light, thin, and truly mobile; intuitive to use, powerfully efficient, and incredibly secure. They're ideal for shop floor workers, mobile field workers, engineers, and executives.

"Holding a Surface pen in one hand, everyone on the team can draw, write, and modify on the same screen. Surface enables us to share ideas more freely and creatively than before."

Designer, Fursys Group  
Office furniture manufacturer

## Built for the way you work

Surface devices are intuitive to use, powerful, efficient, and incredibly secure. And because they were designed specifically for the software you trust, they offer a range of benefits for IT:

### Leading modern management

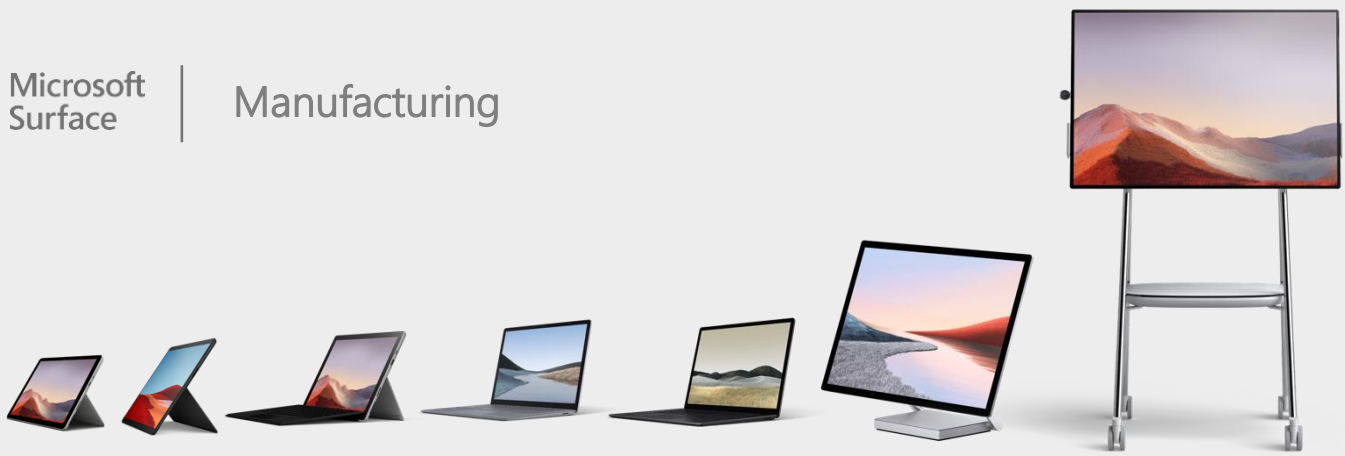
The latest and best in cloud deployment, management and automatic updates for Surface firmware and drivers.

### Enterprise-grade security

Physical TPM chips with BitLocker Drive Encryption and the latest in cloud security, including Windows Defender Advanced Threat Protection and Microsoft 365 Conditional Access.

### The best devices for Microsoft 365

Empower everyone to work together, securely.



## Product engineers

### Challenges

- Modifying product designs for iterative and custom requests
- Running and manipulating large CAD and CAM files
- Working in a mode that inspires creativity and productivity

### The ideal device

- Surface Studio 2 facilitates faster visualizations and lower render time for CAD/CAM apps with a 10th-gen Intel® quad-core processor
- Has Surface Pen\* to mark up and modify designs
- Surface Studio 2 adjusts effortlessly to the work mode that's right with the Zero Gravity hinge



## Shop floor operators

### Challenges

- Managing the supply chain
- Moving around the shop floor continuously
- Tracking inventory and ensuring high quality
- Working with machinery, sensors and other devices

### The ideal device

- Surface Go moves from stationary to mobile work seamlessly using a detachable keyboard
- LTE connectivity with data encryption is optional
- Takes high-quality photos of issues or parts on the shop floor using HD cameras
- Can be ruggedized with durable cases



## Field technicians

### Challenges

- Protecting the device from accidental damage
- Continuous remote work
- Accessing critical documents from anywhere
- Connecting with colleagues and clients remotely.

### The ideal device

- Surface Go has ruggedized & durable cases for protection
- Can connect with experts and specialists via Microsoft Teams
- Has built-in LTE connectivity options
- Can continue to work on the morning charge with all-day battery life<sup>1</sup>



## Mobile sales reps

### Challenges

- Keeping up-to-date on new products and trends
- Staying connected to email and calendar on the go
- Working with teammates remotely

### The ideal device

- Surface Pro X is connected with LTE to email, schedules, product information, and industry news
- The latest 10th Gen Intel® Core™ processor
- Stunning PixelSense touchscreen and Surface Slim Pen for impressive customer presentations
- Switches from Studio Mode to Tablet Mode so customers can interact with the device directly