



Manufacturing

Transform your workforce

Manufacturers need more help than ever from technology and digital tools to navigate global shifts. Manufacture a more resilient future with versatile devices that empower your diverse workforce.



Microsoft Surface for Business offers a versatile device portfolio with industry-leading security to empower manufacturing employees to be more engaged and productive while adjusting rapidly to new and changing demands and maintaining an efficient production system and supply chain.

Light, mobile, and powerful, Surface devices deliver value and a premium experience that fits the needs of personas across manufacturing, from shop floor workers and field technicians to plant managers, corporate executives, and back-office staff.

“Microsoft stood out as the only organization with a comprehensive suite of technology that covered all our needs under a single umbrella.”

Mike Abram: Chief Information Officer,
[Westinghouse Electric Company](#)

Surface devices with Windows 11 and Microsoft 365 help manufacturers empower and digitally connect their workforce with:

Productivity and collaboration

Experience the best of Microsoft—Microsoft 365, Dynamics 365, Azure, Windows—on a Surface device. Surface + Microsoft Teams enable crystal clear meetings with high-end cameras, optimized microphones, and quality speakers. Digital whiteboards and real-time pen and inking capabilities help teams brainstorm and innovate.

Cloud-managed devices

Enable work from anywhere while keeping control with zero-touch deployment and seamless device management. Dispersed retail workers just unbox and log in. Surface + Microsoft 365 gives employees the freedom to work their way and protection by the best modern security and manageability platform from Microsoft.

Chip-to-cloud security

Security is built into every layer, from the supply chain to the firmware to the operating system, helping to keep data safer than ever. Surface powered by Microsoft 365 helps improve enterprise security. Secured-core PCs, available on select Surface devices, are designed to elevate the benefits of Windows 11 security.



Go

Pro

Laptop



Studio



Hub

Factory floor operators

Challenges

- Accessing digital manuals for equipment/safety procedures
- Connecting with other workers to manage operations
- Checking inventory/supply levels to manage supply chain
- Communicating equipment repairs clearly with technicians
- Keeping up to date on factory schedules and HR news

Empower operators to keep production going with Surface Go 4

- The smallest and lightest Surface 2-in-1, durable cases,* and all-day battery life² makes it easy to use on the shop floor
- Faster processor speed (than previous Surface Go) to run business-critical software and productivity apps
- 10.5" PixelSense™ high-resolution touchscreen to view digital manuals and safety videos in brilliant detail
- Surface Pen* for digital note taking and e-signatures (go paperless)
- Quality speakers, mics, and cameras for video calls with other operators, machine technicians, and plants managers
- Rear-facing HD camera to capture and share photos/videos of production line progress or needed equipment repairs

Mobile sales reps

Challenges

- Providing a personalized experience for customers
- Responding immediately to questions
- Making a good impression on new and existing customers
- Collaborating with experts on business development deals

Deliver the best sales pitch with Surface Pro 9 with 5G

- Premium design projects manufacturer's premium image
- High-speed 5G³ for more reliable connectivity
- Powerful processors run business apps and inventory reports
- High-end cameras, optimized microphones, and quality speakers for effective video sales calls
- Surface Pen* for digital note taking and e-signatures
- PixelSense™ high-resolution touchscreen to show promotional images and videos to customers in brilliant detail
- Home desktop experience with USB-C® ports

Plant managers

Challenges

- Staying connected while going back and forth from the plant floor, warehouse, and back office
- Collaborating with department leads and other plants to improve operations and better employee engagement
- Communicating new policies and procedures clearly

Ensure plant operations stay on schedule with Surface Pro 9

- Lightweight, ultra-thin 2-in-1 device with long-lasting battery² adapts to where and how plant managers work
- Powerful processors to run business apps and intensive reports
- 13" PixelSense™ touchscreen designed for digital pen* is great for digital note taking, photo markups, and e-signatures
- High quality audio and video for more effective team collaboration and training
- Rear-facing HD camera to capture and share photos/videos of production line progress or needed equipment repairs
- The ultimate desktop experience with Thunderbolt™ 4 ports and Windows 11

Product engineers

Challenges

- Running and manipulating large CAD and CAM files
- Working with complex data models
- Managing multiple programs while coordinating with internal, external, and partner stakeholders
- Documenting and storing sensitive information securely
- Staying productive when away from the office

Inspire innovative product design with Surface Laptop Studio 2

- The most powerful Surface helps handle compute demands the most intensive, business-critical desktop software
- Three modes (Laptop mode, Stage mode, Studio mode) that adapt to how engineers work
- The ultimate desktop experience with Thunderbolt™ 4 ports and Windows 11
- High-end cameras, optimized microphones, quality speakers for effective hybrid meetings
- 14.4" touchscreen + Surface Slim Pen 2* to sketch design

* Sold separately.

¹ LTE functionality available on select configurations only. Service availability and performance subject to service provider's network. Contact your service provider for details, compatibility, pricing, SIM card, and activation. See all specs and frequencies at surface.com.

² Battery life varies significantly based on usage, network and feature configuration, signal strength, settings and other factors. See aka.ms/SurfaceBatteryPerformance for details

³ 5G not available in all areas; compatibility and performance depends on carrier network, plan and other factors. See carrier for details and pricing.