chromeOS | Connection® we solve IT®

Modernize manufacturing with ChromeOS

Manufacturing is poised for a surge in powerful technologies, unlocking new avenues for human potential, productivity, and creativity within the industry.[1] Yet, the industry faces several challenges:

- Supply chains are highly susceptible to price fluctuations. Soaring labor, energy, and transportation costs pose a significant risk to the stability of existing systems.[2]

- In 2023, manufacturing saw the highest share of cyberattacks among the leading industries worldwide.[4]

- 82% of manufacturing companies are experiencing a labor shortage.[3]

- Manufactures are focused on cost reduction and peak performance in any economic climate.[5]

How ChromeOS can help fast forward your factory

ChromeOS Flex

Update your existing PCs and Macs at no cost with ChromeOS Flex

An estimated 240 million Windows 10 PCs can't be upgraded to Windows 11[6]

- ChromeOS Flex is a sustainable way to modernize devices that you already own
- ChromeOS allows for ten years of automatic updates
- Modernize while reducing your carbon footprint

Security Simplified

Secure your fleet

ChromeOS is the most secure OS out of the box[7]

- ChromeOS has had no reported ransomware attacks or viruses—ever.*
- Read-only OS and no executables
- Active threat prevention

Easy management

Manage your fleet 100% in the Cloud

Access your fleet anytime, anywhere

- Quickly switch out downed devices with a stateless OS
- Fast deployments for more productive employees
- Reduce burnout with fewer IT service calls

Leverage AI features

Leverage the best of Google AI

ChromeOS is your portal to the best of Google AI

- Work smarter with AI-assisted features
- Device Hub in the Google Admin console centralizes fleet information for IT Admins with AI-driven notifications and recommendations
- Draft and refine text on any website or app with Google AI**

Smart Investment

Reduce costs

ChromeOS provides a 245% ROI over three years[8]

- 44% lower three year cost of operations
- $463 three-year average cost savings per device
- ChromeOS devices cost 37% less to purchase than the devices they replace

Success starts with ChromeOS

Royal Technologies, deployed Chrome OS to remove their data storage burden, eliminate software patches, and do away with additional antivirus tools.

Royal Technologies

" In 2002, our four-person IT team supported about 200 workers. Today, we support 600, with the same number of IT people. If we tried to launch these projects in a Windows environment, it would have cost us four times as much money, and wouldn't have worked as well as Chromebooks do. **Over the past five years, we estimate we've saved about $787,000 in hardware and software costs.**

French Williams
IT Manager, Royal Technologies

It took Sanmina only two months to deploy 2,000 Chromebooks in 600 locations. They extended the life of existing devices with ChromeOS Flex and saw a 50% savings on operation costs.

SANMINA

" Sanmina manufactures mission-critical products for its customers around the world. **Those customers rely upon Sanmina, and in turn, Sanmina relies upon ChromeOS.**

Manesh Patel
Senior Vice President and CIO, Sanmina

[1] Accenture Technology Vision, 2024

[2] The Pressure is on for Manufacturers to Lower Costs Now. Here Are 6 Ways to Get Started, September 2022

[3] 82% of Manufacturing Companies Are Experiencing a Labor Shortage: Here Are the Opportunities, April 2023

[4] Distribution of cyberattacks across worldwide industries in 2023, April 2023

[5] The Pressure is on for Manufacturers to Lower Costs Now. Here Are 6 Ways to Get Started, September 2022

[6] Canalys Research: At least 240 million Windows 10 PCs can't be upgraded, Dec 2023

[7] Atredis Partners: Google ChromeOS Competitive Analysis, 2024

[8] IDC Business Value Paper, sponsored by Google, The Business Value of ChromeOS, doc #49920522, March 2023

* As of 2025 there has been no evidence of any documented, successful virus attack or ransomware attack on ChromeOS. Data based on ChromeOS monitoring of various national and internal databases

chromeOS

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