



# Chrome OS Enterprise for Manufacturing

Case 1

**Fujitec:**

**Using Chromebooks to keep  
people moving on escalators  
and elevators**

# Overview

To provide support and maintenance to its critical people-moving systems, such as escalators, elevators, and moving walkways, Fujitec's on-site installation engineers needed fast access to technical data and technicians in local offices. The company's fleet of Windows laptops needed slow and complicated VPN connections to connect to special Fujitec apps for customer and service records. By replacing Windows laptops with ASUS Chromebooks—and using Chrome Browser to access and log in to apps—onsite engineers benefit from fast boot-up times and app access without the need for VPNs.

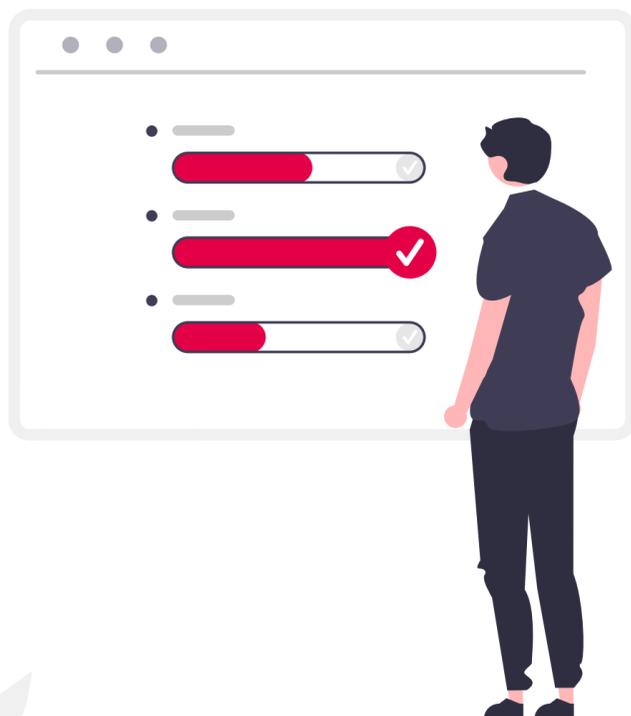
## Chrome OS result

- Reduced operational costs through easier IT management and automatic security updates.
- Reduced time and complexity needed to start meetings between on-site engineers and home-office technicians, using Google Meet and Chromeboxes.
- Improved tech support for on-site engineers using Chrome Remote Desktop Provided service technicians with access to critical servicing data that lives in the cloud.

# Reduced device costs by half

Fujitec engineers like Chromebooks' light weight and portability, compared to PC laptops. Engineers look at service documents in the cloud instead of downloading them to laptops, which means less worry about data breaches from lost devices. Since ChromeOS updates automatically, engineers don't have to bring Chromebooks back to the office to update software or patch security vulnerabilities. The ease of use of Chromebooks inspired the company to adopt other Chrome Enterprise devices, including Chromeboxes and Google Meet in 15 offices across Japan.

“It's great to work with Google as their products and services are easy to use, available at a reasonable price, and always up to date.”



Case 2

# LafargeHolcim: How Chrome Browser helped us stay productive during a merger

# Overview

Merging two of the world's largest cement manufacturers, Lafarge and Holcim, also meant merging both of their massive IT systems. To ensure business continuity while integrating these two halves together to make one cohesive whole, LafargeHolcim turned to Chrome Browser to help make it happen instantly and seamlessly.

## Chrome OS result

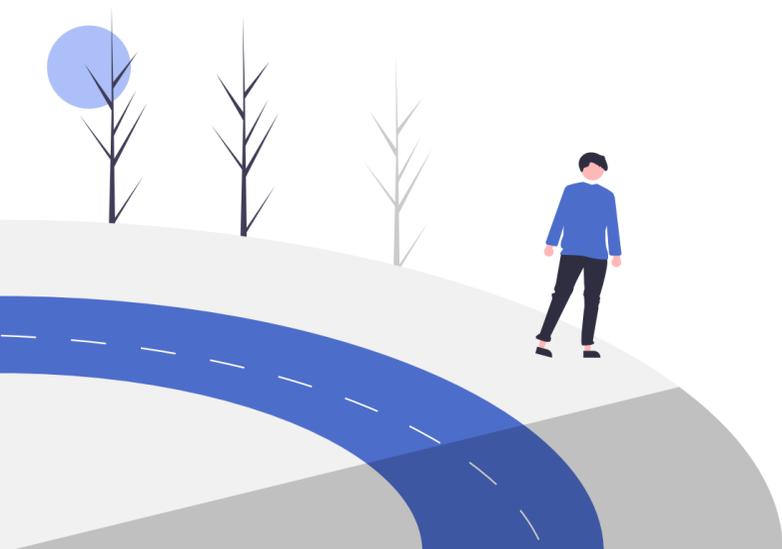
- Provided a cohesive web experience for users while moving to new systems.
- Undisrupted access to cloud and web apps.
- Easier IT management through a single browser.



# Business ready for a better future together

Prior to the big merger, both companies migrated to Chrome Browser to prepare. This made the entire process faster and more cost effective. Google's Admin console made it easy for their IT department to manage browser policies and settings from one easy-to-use platform. Now LafargeHolcim is able to help their employees innovate together on the go and in the cloud.

“The combination of Chrome Browser and Android devices has saved the company thousands of dollars every year.”



Case 3

**Lotte:**

**Enabling digital transformation  
with Chrome Enterprise**

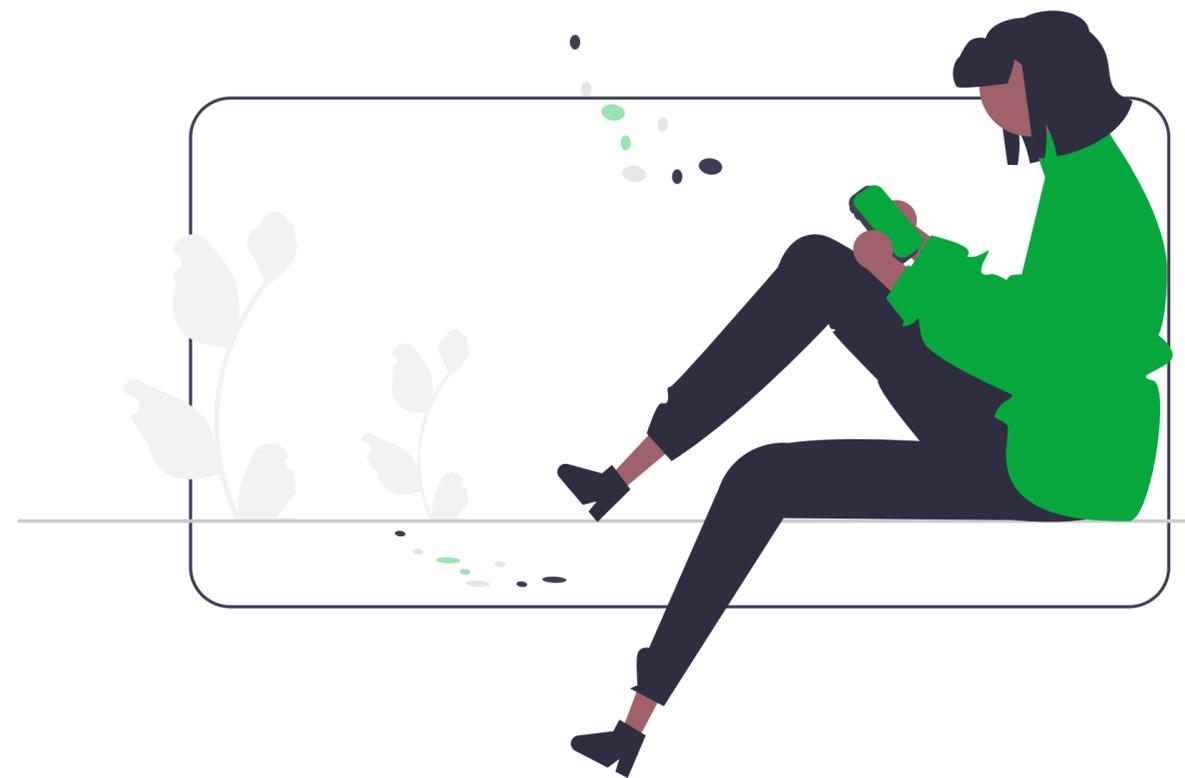
# Overview

To modernize its business and stay competitive, Lotte, the Japanese confectioner founded in 1948, began a digital transformation of its workplaces. The company wanted employees to work flexibly and remotely as needed, within a platform that included easy-to-use productivity tools. Security was also high on Lotte's list of must-haves: Any platform the company chose needed to be secure as well as compatible with Lotte's existing virtual desktop infrastructure (VDI), while also creating the possibility of eliminating VDIs in the future.

Lotte replaced over 2,600 desktop computers with Chromebooks. Using the Admin console, Lotte's IT team can manage the device fleet over a wide variety of employee roles, departments, and settings.

## Chrome OS result

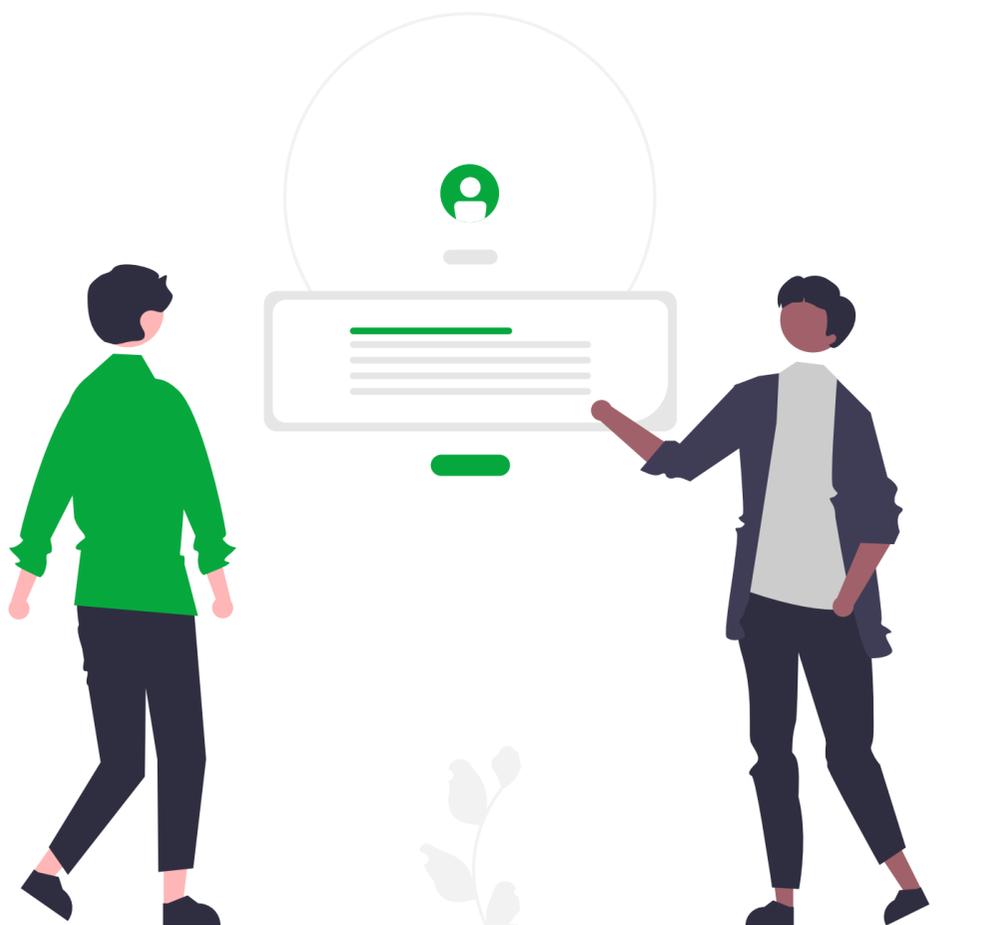
- Chrome devices are flexible enough to be used by all workers, including those in sales, administrative, and factory positions.
- Lotte employees maintain smooth communication when working remotely, using Google Meet and Google Chat.
- ChromeOS and ChromeOS devices have helped Lotte increase operational efficiency.
- Lotte workers have exchanged a conservative work culture for a forward-thinking digital mindset.



# The right tools for successful digital transformation

Lotte adopted Google Workspace in 2018, so use of ChromeOS and Chrome devices was a natural next step to take. Lotte's IT leaders decided that Chromebooks would be the workhorse of their digital transformation plan, since Chromebooks were flexible enough to keep workers productive in the settings where the devices were used—for sales teams working on the go, office staff working from home, and manufacturing workers accessing applications from the factory floor. Employees with the highest IT literacy were given devices first, positioning them to provide support organically to colleagues who needed help learning to use ChromeOS.

“On the administrative side, ChromeOS doesn't require any antivirus software, and email is kept in the cloud, so there is a higher level of security than before, and our general impression is that administration is easier with ChromeOS.”



Case 4

**QAD:**

**For workers on the go, fast  
access to Pixelbooks**

# Overview

QAD, a provider of cloud-based software and services for global manufacturing companies, needed a better way to distribute loaner laptops to traveling staff and office visitors. The goal was to relieve the IT team of time-consuming management and maintenance of loaner devices, and at the same time encourage adoption of Pixelbooks and Google Workspace. Grab and Go with Chrome Enterprise, implemented with help from Google Cloud Premier partner Agosto, allows QAD workers to pick up devices wherever and whenever they need them.

## Chrome OS result

- Eliminated time-consuming device setup time for loaner laptops.
- Swapped spreadsheet device trackers for Grab and Go's automation solution and self-service management.
- Used Softwatch to easily identify the best candidates for cloud tools.
- Encouraged ChromeOS and Google Workspace adoption through easy access to Pixelbooks.



# Easy method for test-driving Pixelbooks

QAD placed Grab and Go racks with Pixelbooks in two office locations frequented by employees. Workers can check out Pixelbooks without the need to ask IT for assistance; using the Grab and Go solution, workers can extend their Chromebook loans with just a couple of clicks. The QAD IT team manages Pixelbooks from the Google Admin console to push out configuration changes without touching devices or installing software. With the Chromebook Adoption Readiness Tool from Softwatch, QAD can plan future Pixelbook rollouts.

“Grab and Go solves a key problem in terms of checking out devices. It helps remove IT from the process, so people can avoid the downtime that happens when they’re waiting for a laptop.”



Case 5

# Royal Technologies: Bringing cloud applications to the shop floor

# Overview

Advanced plastics manufacturing company Royal Technologies needed to replace aging Windows systems with tools that would enable cloud adoption from the boardroom to the shop floor. Previous systems burdened the IT department with data storage management, software updates and security across devices and platforms. With ChromeOS, Royal Technologies has broadened frontline manufacturing workers' access to legacy applications while supporting Google Workspace adoption.

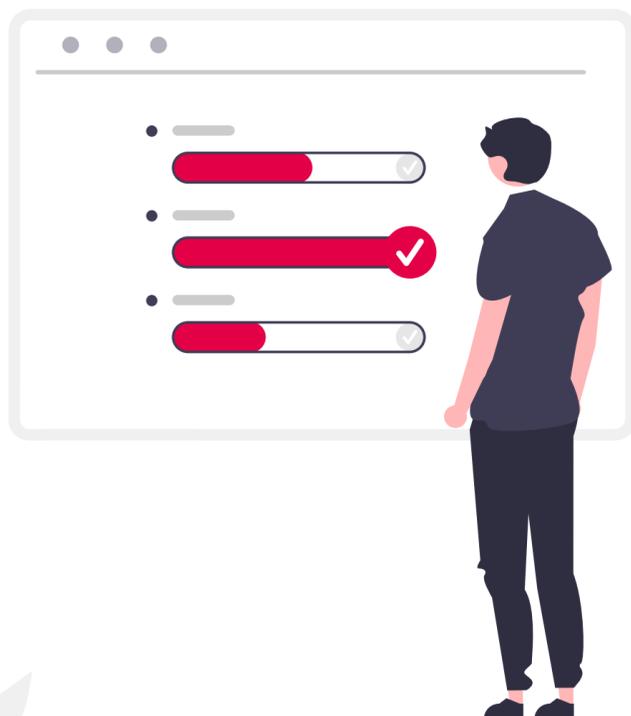
## Chrome OS result

- Improved parts quality control with Chromebase devices on shop floors.
- Maintained size of four-person IT team even after 4X company growth.
- Provided cloud access to legacy Windows apps with Cameyo.
- Improved security through ChromeOS automatic updates.
- Deployed digital signage, powered by ChromeOS and implemented by Promevo, to improve employee uptime, saving \$20,000 in costs within the first year of implementation.

# Freedom to choose the best tools for the job

ChromeOS and Chrome devices free Royal Technologies from dependence on Windows. Workers can access legacy applications through Cameyo's cloud-based platform with just a click in the browser. Cameyo also integrates well with Google Workspace since files created in apps through Cameyo are all saved to Drive. Windows apps are hosted by Cameyo, eliminating the need to manage virtual desktops.

“One of the beautiful things about the ChromeOS is that it doesn't matter which device employees use—they all get the same Chrome experience. That gives them the freedom to choose the right tools for the job, whether that's Chromebooks with big screens for the shop floor, or Pixelbooks for doing business on the road.”



Case 6

# Sanmina: Supporting workers from the factory to the boardroom with Chrome Enterprise

# Overview

Sanmina, a San Jose–based creator of end–to–end systems for OEM manufacturers, wanted to shift its frontline workers from time–consuming paper–based processes and workflows to the cloud. Sanmina’s products are complex and often perform critical roles in sensitive healthcare and defense settings that require high reliability and quality control, so equipping workers with accurate information to and from the factory floor is essential. In Sanmina’s office settings, workers also needed collaboration tools to help improve global operations and streamline complex design processes.

Sanmina chose Chrome Enterprise and Chrome devices for their adaptability to both factory and office settings, as well as easier management, flexibility, and security. The company added Google Workspace to improve everyday productivity.

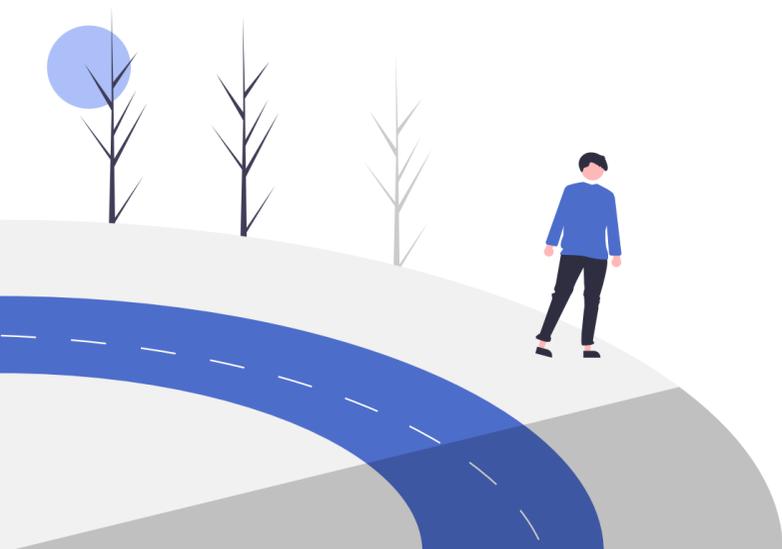
## Chrome OS Result

- Improves factory workers’ access to critical documents where and when they’re needed.
- Supports managers’ remote real–time data analysis on operations anywhere in the world.
- Improves accuracy of manufacturing process manuals and records.
- Increases operational efficiency through cloud–based sharing of documents and schedules.

# Building a more efficient supply chain with cloud tools

To support workers in many different roles, Sanmina uses a variety of Chrome devices. Chromebases replaced old desktops in offices, and in manufacturing areas, are connected to mountable touchscreen monitors; Chromebooks or Chrome tablets are provided to workers on the go. CloudReady from Neverware easily converted old PCs into fully functioning Chrome devices. ChromeOS is compatible with 42Q, Sanmina's supply chain software. Sanima uses Cameyo to help workers access applications from outside vendors. With Google Workspace, and in particular, Google Drive, Sanmina employees can create and store shareable documents in the cloud, and use Meet to connect with colleagues.

“ChromeOS is empowering everyone at Sanmina to be a cloud worker.”



Case 7

# Viessmann: Adopting Chromebooks to advance the company's cloud journey

# Overview

Viessmann, a Germany-based manufacturer of energy systems, was already well along the road to working in the cloud when the company's IT leaders decided to give employees more flexibility in when and how to work. Viessmann employees were already using Google Workspace and Chrome Browser, so HP Chromebooks were a natural choice for easy adoption, better performance, and more flexible workflows. In the process of rolling out Chromebooks, Viessmann was able to reduce the resources needed to deploy and manage IT hardware. With Chromebooks and Google Workspace, employees can access productivity tools, as well as legacy applications through Citrix.

## Chrome OS Results

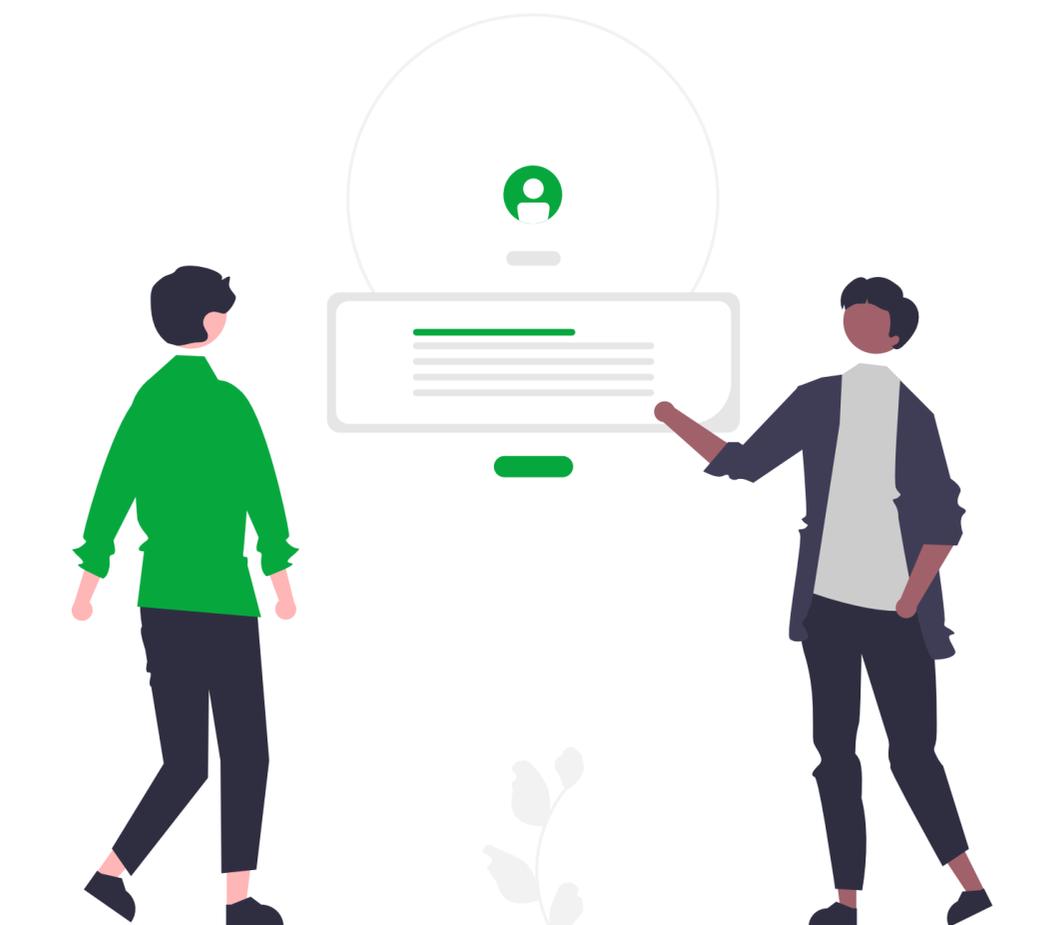
- Helps employees start work faster, thanks to Chromebooks' fast bootup times.
- Reduces IT maintenance, since Chromebooks update automatically.
- Improves policy setup through Admin console.
- Allows use of legacy applications with Citrix.
- Eases transition to remote work.



# Helping employees work from anywhere in the cloud

With help from deployment partner Cloudwürdig, Viessmann began its Chromebook rollout with 800 devices in its main offices in Germany, plus 200 in other countries; by 2022, the company plans to deploy over 3,000 Chromebooks company-wide. The Admin console makes deployment, management, and policy changes fast and easy. In response to the COVID-19 pandemic, the combination of Chromebooks, Google Workspace, and Chrome Browser allowed employees to quickly transition to remote work, without the burden of complex hardware and VPNs.

“Chrome Enterprise is the driver in bringing our workplace into a browser environment. Everyone has easy access to the same information at any time, from any device.”



FydeOS enterprise solution empowers your industry

In addition to providing the same quality experience and benefits as Chrome OS Enterprise, FydeOS enterprise solution can also offer system customisation and private deployment, including:

- Enabling FydeOS to run smoothly on your existing hardware, including x86 and selected ARM devices
- Customisation and enhancement of bespoke system features
- Private deployment of essential supporting services for FydeOS

Please contact FydeOS sales team for private customisation services.

NB: Source from <https://chromeenterprise.google/customers>



# Thanks

