Cut your carbon footprint with ChromeOS and XMA

XMA

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Greener devices. Better outcomes.

End-user computing devices generate 1% of all greenhouse gas emissions.[1] So, adopting greener devices can help your organisation take a significant step towards its sustainability goals.

Not only does choosing sustainable IT devices reduce energy consumption, but it can also:

Engage employees

People want to work for organisations that align with their personal goals. Leading the way on climate action presents an opportunity to engage employees in a meaningful way.

Reduce costs

Choosing devices that use less energy and have longer hardware refresh cycles helps your IT budget go further.

Safeguard resources and improve supply chain impact

Truly sustainable devices go beyond energy efficiency during use and reduce consumption through the entire product lifecycle, from manufacture to disposal. This is achieved by extending the useful lifespan of a device and recycling devices once they are no longer useable to conserve valuable resources used in device manufacture.

The supply chain and electricity-based emissions generated each year by
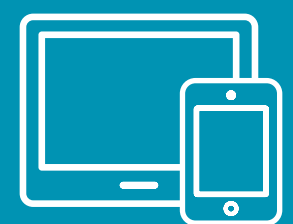
460 million
new devices

and

4.2 billion
active users[2]

contribute to

99%
of device emissions[3]

chromeOS

Chromebooks – ready for the modern workplace

Chromebooks are designed to handle any task. They enable users to get things done quickly, securely and easily.

ChromeOS, is at the heart of Chromebook's user-friendly functionality. Perfect for remote working, ChromeOS leverages the Chrome Browser as the main user interface so employees can quickly launch applications and access data and files from the cloud.

At the same time, ChromeOS makes it simple and cost-effective for IT to deploy and manage endpoints. An ESG Technical Review found that a ChromeOS laptop is 76% faster to deploy than a Windows 10 laptop[4] – making them a popular choice with businesses that are rapidly expanding their remote workforce.

chromeOS

A more sustainable choice with ChromeOS

In addition to their intuitive, user-friendly design, Chromebooks promote sustainability throughout the entire product lifecycle:

Manufacturing

ChromeOS devices are designed with recyclable materials and energy efficient manufacturing processes.

Consumption

ChromeOS devices consume 46% less energy than comparable competitor devices,[5] thanks to their efficient charging capabilities and optimised performance.

Reuse

Refreshing devices with ChromeOS Flex removes the need to replace existing devices and extends the life of your hardware. Plus, Google has partnered with progressive brands like HP to create a circular economy that recycles the valuable resources used in device manufacture and reduces e-waste.

Streamline your device estate

One of the most effective ways to reduce the environmental impact of your devices is to reduce your device estate. While few job roles can operate without a device in the digital workplace – it is possible to reduce the number of devices employees use.

2-in-1s such as the Acer Chromebook Spin 513 combine the portability of a tablet with all the features of a laptop, making them an ideal choice for field workers. Alternatively, the HP Elite Dragonfly boasts enough processing power to take over from an energy-costly desktop and monitor setup.

The **HP Elite c1030 Chromebook Enterprise** has diverted and upcycled more than

780 tonnes
of ocean plastic

Discover a greener IT environment with XMA

XMA is a Google Premier Partner with over 30 years' experience working with public sector organisations. Our team of accredited experts can help you get best fit solutions that reduce the environmental impact of your IT equipment and enable your organisation to embrace smarter working.

Take the next step toward a sustainable future, speak to your Account Manager today.

CONTACT US

1 Sutton-Parker, J. (2021), 'Can analytics software measure end user computing electricity consumption?' Research Square pre-print for Clean Technologies and Environmental Policy. New York, USA: Springer.

2 Sutton-Parker, J. (2022), 'Quantifying greenhouse gas abatement delivered by alternative computer operating system displacement strategies'. Pre-Print for Science Direct. Berlin, Germany: ResearchGate.

3 Sutton-Parker, J. (2022), 'Is sufficient carbon footprint information available to make sustainability focused computer procurement strategies meaningful?'. Pre-Print for Science Direct. Berlin, Germany: ResearchGate.

4 Garrett, B. (2020) 'Accelerating Device Lifecycle Management.' ESG Technical Review commissioned by Google.

5 Sutton-Parker, J. (2020), 'Determining end user computing device Scope 2 GHG emissions with accurate use phase energy consumption measurement'. 1877-0509. Amsterdam, the Netherlands: Science Direct, Elsevier B.V.

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