

# MANAGING NEEDS: simplifying IT and securing devices through the cloud and VDI

As technology evolves the way we interact with each other, the expectations for today's working world are transforming. With HP Thin Clients, your organization's IT management and security can, too. See how.





## Looking to the future

The working world is changing. From the demographic shift of the workforce, to developments in where and when employees are completing tasks, businesses need to be ready to meet these new ways of working, to support employee expectations and IT workflows. Moving to the cloud, for example, has enabled employees to connect to their organization's network remotely, empowering flexible and secure working, while also centralizing device management for easy updates.

Creating an environment that inspires productivity and loyalty in today's generations requires a modern approach. By adopting technology that supports their expectations and experience of the wider, always-on world, organizations can enable employees, and IT teams, to reach their full potential.

## The workforce, the workplace, the work style

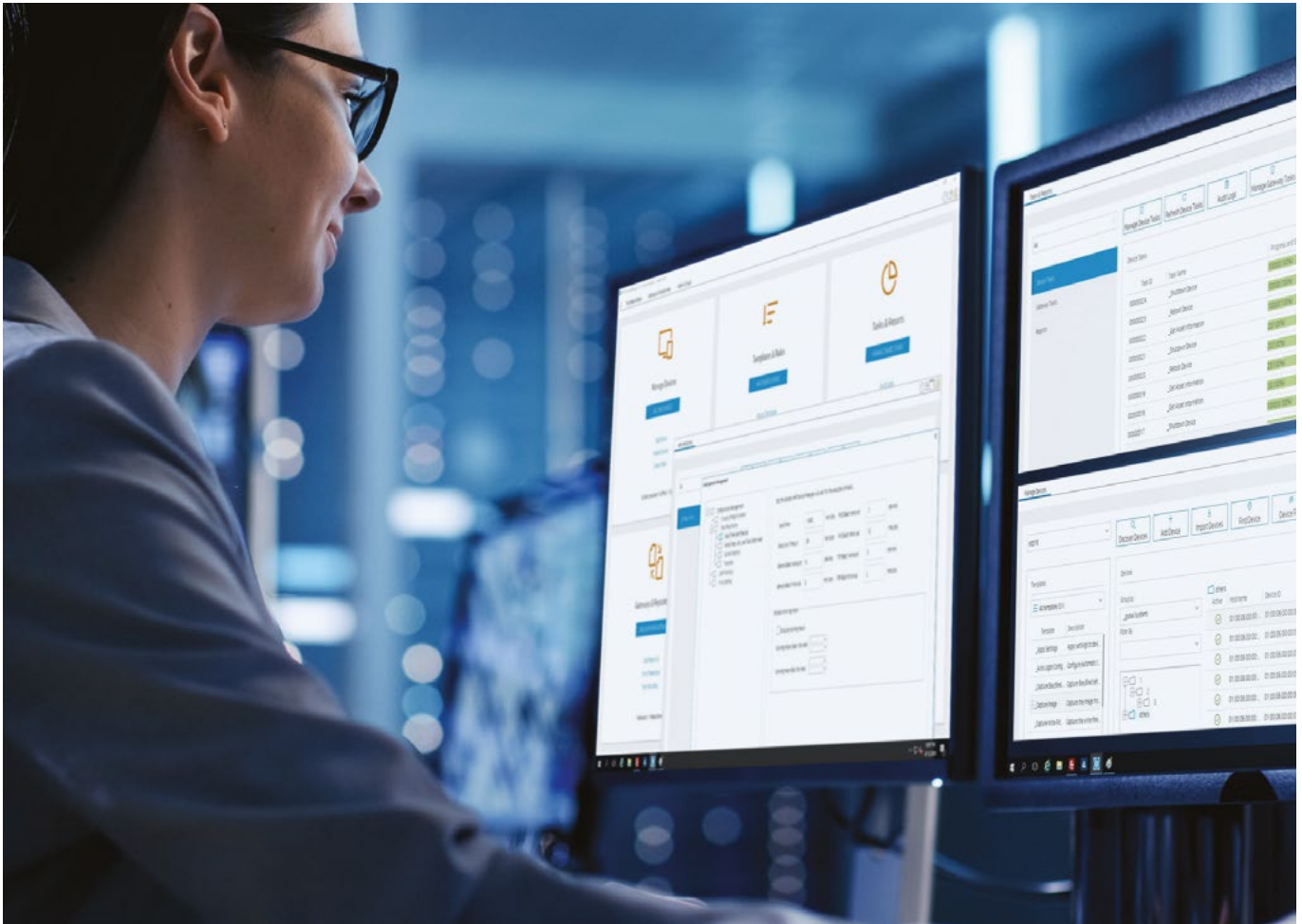
Younger, tech-driven teams are influencing working styles and transforming workplace norms. In 2016, Millennials became the largest generation in the US labor force – comprising 35%.<sup>1</sup> By 2020, Generation Z will make up another 36%.<sup>2</sup> This isn't exclusive to the US, as by 2020, Millennials are forecast to form over a third of the global workforce.<sup>3</sup>

Only half of staff members think their needs are considered when making technology decisions<sup>4</sup>

The digital-savvy generations have a high expectation of technology, anticipating the same always-on accessibility and performance they've become used to in other areas of their lives. Gen Z in particular, who have only known a world with data at their fingertips through the cloud. However, according to a global study by PwC, only half of the workforce thinks their company pays attention to their needs when introducing new technology.<sup>4</sup>

And their expectation of flexibility is just as high. Workspaces are challenged to provide greater mobility and remote access, with employees expecting to be able to work wherever, whenever and on whichever device and operating system they choose. In fact, younger employees are less likely to remain at a company that doesn't have flexible working policies. Deloitte's findings show that, among Millennials who intend to stay with their current employees for at least five years, 55% say there is more flexibility than three years ago. This is compared to those who wish to leave within the next year, with only 35% feeling that flexibility has improved.<sup>5</sup>





## What do the changes mean for IT?

For IT teams, this license for flexibility can raise issues for device management: from configuring and deploying devices, to monitoring device health and keeping software up to date, across a multi-OS environment. When workers and their PCs aren't restrained to the office, keeping devices monitored for health and completing updates can be a complex task. And employees expect to be able to work without disruption from IT updates. Plus, as remote and mobile devices often sit outside traditional company firewalls, monitoring and maintaining security is more important than ever.

When IT has thousands of devices to manage across the organization, there's a need for a solution that centralizes management, allowing teams to set up, manage and monitor devices, and automate tasks, from one place. And this will only become more important as short-term, freelance contracts become more prevalent, and there's an influx in new starters that need devices deployed.

**50% of firms plan to adopt VDI/  
hosted desktop virtualization<sup>6</sup>**

Add to that IT budgets that are spread thinly across many projects, the strain on IT teams is high, and only likely to get higher.

To attract and retain today's workers, IT teams need to be able to supply employees with flexible, cloud-ready and VDI optimized devices that can ensure instant access to the data they need, when they need it. By working on thin clients, end users get control over their work day, with a versatile cloud computing experience that offers real-time, remote access to data. And with remote access to data, organizations can maintain productivity and security, as apps can be launched directly from the cloud to keep data safe and get users back up and running in the case of theft or a breach.





## Embrace change with the right technology

Flexible working needs flexible devices and powerful device management. With HP Device Manager Software, it's simple to set up, manage and monitor thousands of HP Thin Clients remotely, from a single point. This means you can support today's decentralized working trends, keep productivity high for your employees, and lessen the workload on your IT teams.

### Simplifying management for IT teams

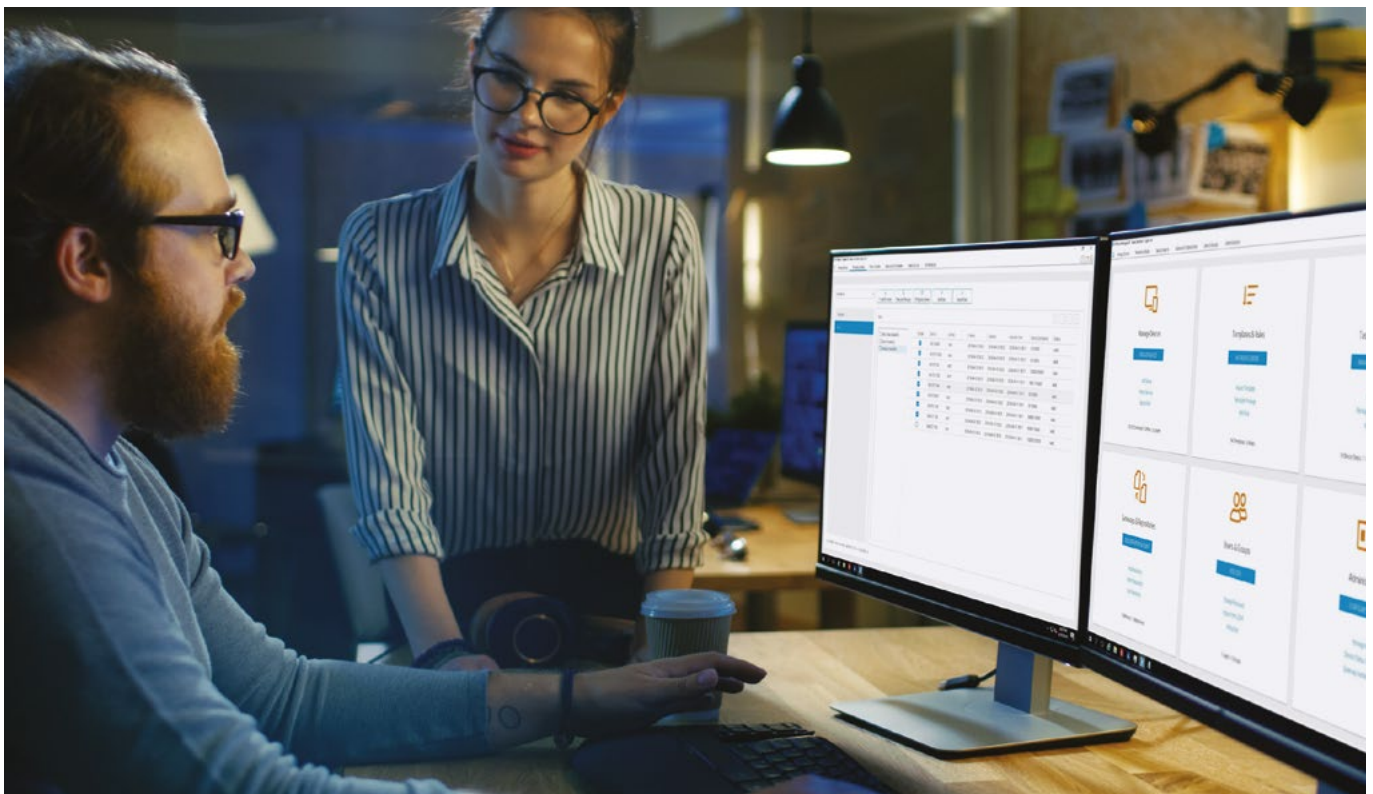
Make it easy for your IT admins to remotely deploy, update, and manage thousands of HP Thin Clients from anywhere<sup>7</sup> through a single console with HP Device Manager. It makes device management simple by centralizing management and monitoring with one powerful admin tool – so IT can configure, troubleshoot, and automate certain tasks for your HP Thin Clients. And as it's built for scale, it can operate across larger deployments of thousands of thin clients at a time, with support for 64-bit applications and scalable memory, performance, and reliability. It comes with a flexible and intuitive experience – enabling IT to keep track of what's important with a tool that supports multiple displays and has a drag-and-drop interface.

HP Device Manager is included with HP Thin Clients, available at no extra cost. Wherever your workforce is based, you can empower their productivity and support your IT team with HP Device Manager.

Plus, it's easy to convert your existing PCs into an HP Thin Client – extending the life of your devices. [Find out more about PC Converter Software.](#)

### Providing an easy user experience for employees

Ensure no interruption to end user productivity, wherever they're based, by configuring automated deployment rules through HP Device Manager. And with the option of mobile thin client models that are designed to work everywhere, you can meet flexible working needs by keeping your mobile workforce equipped with sleek, secure devices – reducing employee downtime, and proving you understand their expectations.





### Keeping security high

By working with HP Thin Clients, you've got a solution that is inherently secure, providing a multi-layered approach to hardware and software security – protecting the device, data and the identity of users.

As data is not persistent on the device and clears with a simple reboot, you can access information from anywhere without fear of leaving it behind – keeping your business-sensitive data safe. Plus, by using HP Device Manager to keep your devices up to date and deliver security patches, your thin clients are kept more secure, as changes can be applied swiftly across the whole infrastructure.

HP ThinPro offers a modern, secure and intuitive Linux® experience – an operating system that attracts few virus threats – and has a locked file system to deter unauthorized updates. With embedded

\$3.92 million, the average cost of a data breach<sup>8</sup>

multi-layered security, HP ThinPro offers customizable data protection to suit your organization's needs, so information is kept safe and employees can work with confidence.

By working with HP, you can choose between acquiring HP Thin Clients with ThinPro or you can support your transition to VDI by converting your legacy PCs into HP Thin Clients.

Discover HP Thin Clients

### Sources

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