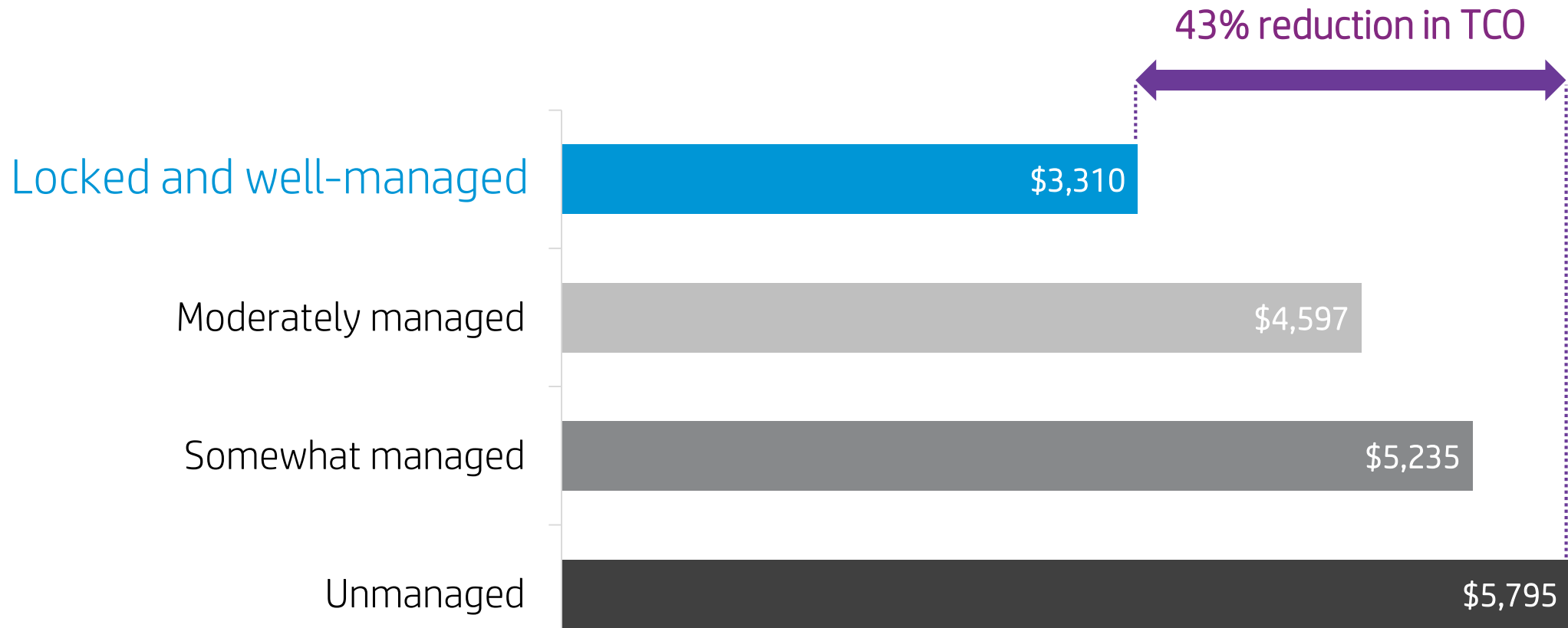# Reimagining Employee Productivity in the Mobile Age

September 2016

# Effective device management benefits the bottom line

43% reduction in TCO

| Management Level | Cost |
|---|---|
| Locked and well-managed | $3,310 |
| Moderately managed | $4,597 |
| Somewhat managed | $5,235 |
| Unmanaged | $5,795 |

A locked and well-managed desktop PC can cost 43% less to keep than an unmanaged one

# Device manageability is a best practice – and it's on the rise

## Midsize Formally Managed

**80%**
Of firms plan to increase budget for RMITS

**>50%**
Interested in smartphone roll out to mobile employees, mobile security, hosted data back-up, remote monitoring system management tool and hosted security solutions

**53%**
Experienced security breaches. The loss of mobile devices is also highest.

## Midsize Partner Managed

**47%**
Of firms plan to increase budget for RMITS

**>40%**
Interested in mobile security and hosted data back-up

**51%**
Experienced security breaches.The loss of mobile devices is also high.

# Security threats multiply with BYOD

# IT benefits of device management

**Shorten the time to perform key tasks**

"*Love the email alert feature. I can now provide 30 minute support response time!*"

**Get real-time visibility**

"*Impressed how easy it is. Lets me know warranty information.*"

**Manage it remotely anytime**

"*To date, I like what I've seen, and being able to manage multiple devices makes it a good tool.*"

**Anticipate problems and fix quickly**

"*This is a very good idea for managing device health and status from a centralized point.*"

**HP Touchpoint** Manager

# Device management addresses key IT management tasks
## *HP Touchpoint Manager example*

**Device optimization**

- Groups
- Password Recovery
- Mobile Application Deployment
- Proactive Alerts
- Wi-Fi Provisioning
- Remote Control

**Security enforcement**

- Mobile Device Security Policy
- Bring Your Own Device (BYOD) Policy
- Microsoft Patch Management
- Third Party Patch Management
- Virus Protection Policy
- Erase Device Data
- Find Device
- Firewall Policy
- Lock Device

**Lifecycle management**

- Hard-Disk Health
- Smart Battery Health Monitor
- User and Device Inventory
- Warranty Information

**Security**

Protect data on managed devices by customizing, applying, and enforcing security policies and ensuring that security software such as firewall and anti-virus protection is activated.

Configure settings for mobile devices such as PIN/Password length, screen lock out times and more. Find, wipe and lock lost or stolen devices, and get alerts about problems such as hard drive and battery health of managed devices.

Status  Configure

**Find Device**

Locate, lock, or remotely erase a managed device. Sound an alarm on a nearby device.

Find

**Mobile Application Deployment**

Create and deploy catalogs of approved mobile applications for use in your company.

**Remote Control**

Connect to and troubleshoot managed Microsoft Windows devices through the browser from virtually anywhere.

Configure

**Wireless Connection**

Manage, deploy, or remove Wi-Fi access for managed devices.

Configure

**Password Recovery**

Reset forgotten passwords on managed Microsoft Windows devices.

Configure

# Mobility policies are evolving to take advantage of technology advancements

## Evolution to revolution

| 3X Processing Power | Always Connected | One User Experience |
|---|---|---|

# TODAY

You have many devices, different OS's

Some belong to you, others are issued by IT

It's complicated

# THE FUTURE, TODAY...

One device, one operating system

Business apps you need, secured by IT

No switching, no hassles

# Introducing a 3-in-1 solution to workplace mobility



Power of a PC

+

Versatility of a tablet

+

Premium smartphone features

=

The device that's every device.
HP Elite x3

# Computing reimagined for road warriors



## Driving to the airport
- While driving, Josh attends a conference call by using Cortana and voice commands so he can focus on the road.
- Josh sees an urgent text from his boss. He needs to update a regional forecast. Josh started editing his Excel file from the Elite x3 while walking to the security check point.

## At the airport
- Once he gets to a seat, he grabs his Lap Dock from the suitcase and wirelessly connects his x3 to it.
- The file he was working on earlier on the x3 seamlessly shows up on the Lap Dock so he can continue without missing a beat. He doesn't have to save, sync or log-in like he used to with a laptop.
- His Lap Dock also instantly has internet connection from the x3 so he doesn't have to find an airport wifi.
- He quickly updates a pivot table running Continuum enabled Excel and sends the file to his boss.

## On the plane
- After the plane takes off, Josh continues working on the Lap Dock and updates his meetings notes in Salesforce.
- He also recharges the x3 by connecting to the Lap Dock with a USB-C cable while still working.
- By the time the plane lands, he has completed his to-do's and fully charged his x3.
- Since he has Dual SIMs on his x3, he easily switches from the US SIM to the German one from the Settings menu and heads out.

# Computing reimagined for drivers and field technicians

## In transit

- Bills is an owner operator who is working hard to grow his business.
- Hands on the wheel, from his x3 Bill safely bids on a new shipment using voice commands.
- At a rest stop, Bill performs a visual inspection of his rig and enters his findings into his Truck Safety Checklist app on his x3.
- Before heading out, Bill updates his Facebook profile using his x3.

## After a long day's work

- Bill checks into the hotel he booked on his x3 earlier in the day.
- After dinner, Bill docks his x3 into his Lap Dock so he can relax by watching the latest episode of Games of Thrones from a larger screen.
- Before going to bed, while still docked, he Skypes with family and then checks driving performance from custom tracking app.

## At the warehouse

- Peter docks his x3 into his Desk Dock and runs his proprietary software to view detailed maps and schematics on a larger screen of the site where is going to be doing work.
- Before leaving the warehouse, Peter uses his x3 to review his work order and ensure he has the all of the right parts in his van.

## At the work site

- With his x3, Peter takes a photo of the site to document the damage.
- While Peter has experience doing these types of repairs, he pulls together a Skype call on his x3 with two senior techs to validate his approach.
- The repairs completed, Peter takes another photo of the site which he uploads on his Service Request app on his x3, and marks the job as complete.

# Better manageability and value



## Managing company devices

- After the company deploys x3, employees can start a task on the go and finish at their desk using the x3 with the optional Desk Dock and Lap Dock. And all Bill and his IT team have to manage is a single device, the x3 instead of multiple devices.
- The x3 is compatible with Bill's existing MDM solution and Windows environment, so it's much easier for his team to secure and manage.

## Keeping them secure

- Since security's a priority, Bill likes the fact that data is only stored on the x3 or securely in the cloud, not across multiple devices.
- Even if his employees' Lap Docks are lost or stolen, the company data is not at risk since no information is stored in the Lap Docks.
- With the iris scanner and fingerprint reader on the x3, it has also cut down the time his team spends on resetting employee's passwords.

## Virtualizing company's apps

- With HP Workspace, Bill gets an app virtualization service that's less costly and much easier for his company to implement.
- He can give employees access to their homegrown apps and even legacy apps that employees normally can't access on mobile devices
- The Elite x3 solution also has a lower total cost of ownership than issuing multiple devices and OS, and has an even more flexible replacement cycle

# Key takeaways

- Recommend customers establish a cross-functional team that reports to the CIO to coordinate best practices around device selection, data storage, platform selection, application distribution, and employee support.

- Help identify mobility expertise gaps spanning end-user support to engineering, and make recommendations for how to fill.

- Implement a device management solution.

- Assess the security threats of a multi-platform environment, and outline the benefits of device/platform consolidation for mobile-first employees to drive future IT investments.

# Calls to action

- Please fill out our feedback survey

- Visit us at the Expo Hall and see the HP Elite x3

- Familiarize yourself with HP's exciting new Mobility portfolio at http://www8.hp.com/us/en/solutions/mobility/overview.htm