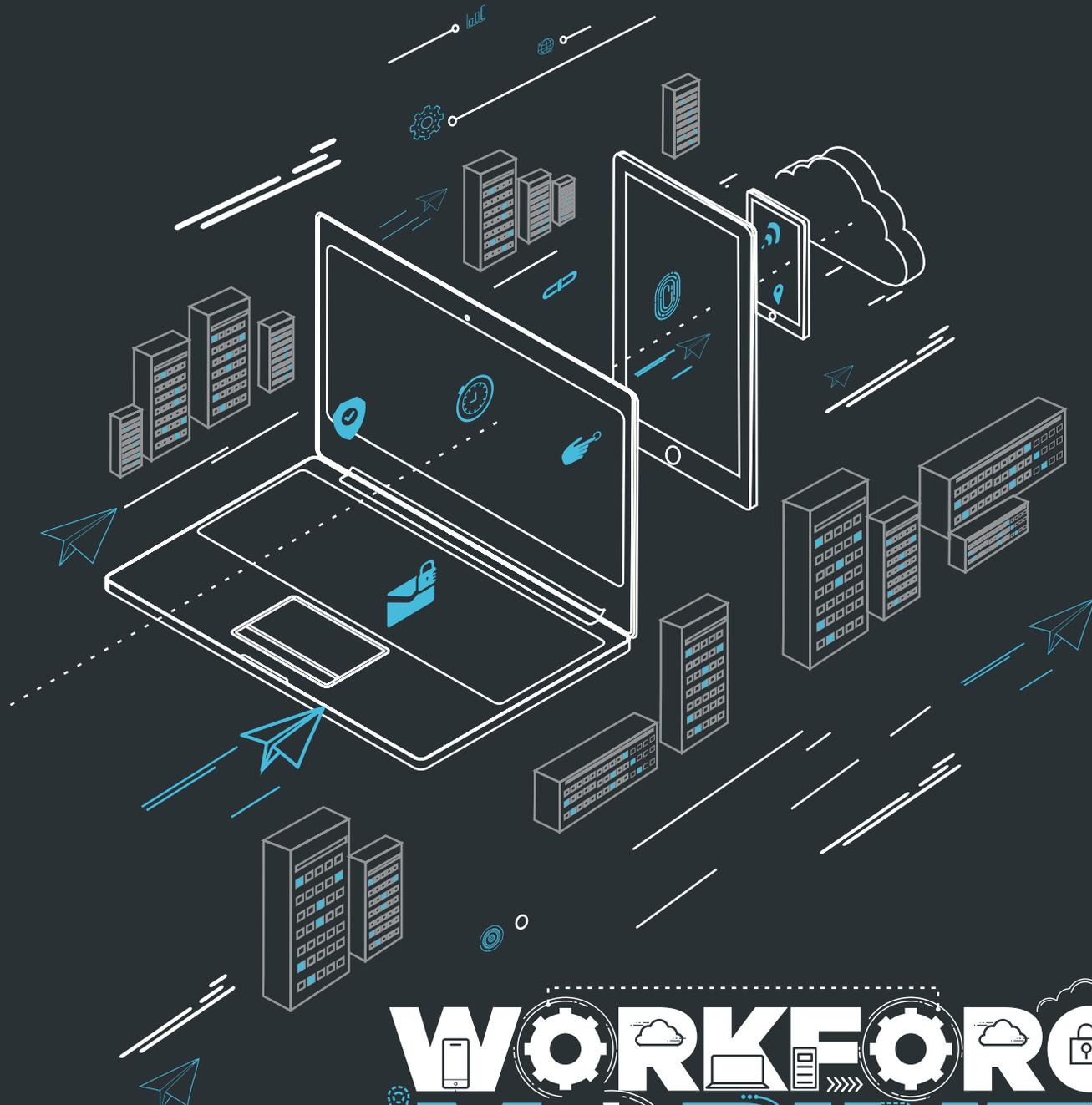


# BUYER'S GUIDE



# WORKFORCE MOBILITY

TRANSFORM YOUR MOBILE WORKFORCE

 Windows 10 Pro

Lenovo recommends Windows 10 Pro.

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# Workforce Mobility

Today's workforce is driven by technology and smart devices. Organizations are now equipping their workforce for productivity while on the move. Be it from one country to the other or one meeting room to another - the mobile workforce must be able to perform at its best at all times.

Apart from the obvious, which defines mobility as devices that are easy to carry around, the new age mobility is way more than that. The mobile devices are expected to have uncompromisable processing capabilities, superior durability, all round security and more. And the IT infrastructure should provide flexibility to the employees to work from anywhere, anytime and in any way they need to without compromising on IT security and control.

*"The global mobile workforce is set to increase to 1.87 billion people or 42.5% of the global workforce in 2022, up from 38.8% in 2016" - RCR Wireless*

This is where Lenovo steps in. When it comes to keeping your workforce mobile, Lenovo provides step-by-step solutions:

- We provide a range of devices that meets the requirements of mobile employees and IT departments alike.
- We ensure that all the organizational data is secure.
- We equip the organization so that their employees can **work anywhere, anytime and in any way** with the Lenovo cloud infrastructure.



# How to Enable Workforce Mobility

Mobility doesn't always mean traveling. It also refers to the employees who are constantly on the move in the office – in and out of meeting rooms or hopping buildings in a large campus. Mobility also refers to the growing number of employees who are choosing to work from home. Enabling this mobile workforce needs careful prepping of the IT infrastructure.



## Mobile Devices

Devices built for mobile employees need to be sleek without compromising on functionalities or performance. These also need to have advanced connectivity options and be durable enough to manage everyday bumps and knocks.



## Mobile Security

Security has multiple facets. With a mobile workforce, there are always impending risks of device theft, data accessibility, malware attacks and other security concerns. Hence, IT cannot lose sight or control of any device.



## Infrastructure Solutions for Mobile Apps Deployment

For new age employees, mobile apps are a blessing. Apps help connect employees who are dispersed across boundaries. It encourages communication, collaboration and transfer of content seamlessly and effectively.



## Mobile Devices

### The Key Aspects of a Good Mobile Device



#### Durability

The durability of a mobile device depends on its build. For a mobile workforce, it is very important that their device **withstand everyday bumps and drops and survive the vagaries of remote locations**, such as temperature and surroundings.



#### Display

Long working hours at the PC are a reality, so it becomes even more important for the eyes to stay stress-free and comfortable. Displays should be clear, with minimal flicker and **right amount of brightness to stay productive for longer hours.**



#### Connectivity

A mobile workforce needs to be connected at all times. Fast mobile broadband ensures users are always connected to all their data and apps in the cloud through:

- LTE-A (4G)
- Tri-band wireless
- Optional NFC
- Docking ports



#### Performance

A mobile workforce needs to perform no matter where they're located. The workforce must never have to choose between performance and portability. The key elements for optimum mobile device performance include **powerful processors, immersive graphics, adequate RAM, large display, and long battery life.**



#### Security

Business PCs need several layers of security, including data encryption, theft and loss prevention, and protection from unauthorized use. Make security simple with features like:

- Touch fingerprint reader
- Facial recognition login
- Hard drive encryption
- Port and physical protection



## Mobile Devices

### Why Choose Lenovo Mobile Devices



#### Finest Materials

Lenovo devices use a top cover comprising of carbon fiber foam between two layers of carbon fiber that results in a much thinner and lighter device.



#### Unmatched Innovation

All Lenovo devices come with superior engineering and innovation, like enhanced WiFi connectivity to stay connected anywhere and Owl Wing Cooling that provides 38% increased airflow for better cooling and a lower failure rate.



#### 360° Security

Lenovo provides best in class security with features that fit into the device's hardware, like Match on Chip Fingerprint Reader (MoC FPR) reader and discrete Trusted Platform Module (dTPM).



#### Long Battery Life

Lenovo, with its internal 3 cell batteries and external swappable batteries, provides extended hours of battery life with single charges that run almost an entire day. The rapid charge option can charge the device from 0 to 80% in less than 1 hour.



## Mobile Devices

Choose Lenovo with confidence as our products are built to the highest standards of quality and security so you can focus on your business. Better quality translates to better reliability. From MIL-SPEC testing for ThinkPads, to a battery of tests for servers and other PCs, we ensure that our business products live up to their reputation so that the mobile workforce can be productive at all times.



## Lenovo Solutions

### ThinkPad X1 Series

The ThinkPad X1 series offers the thinnest, lightest, and most elegant products, providing uncompromised agility, seamless productivity, and a smarter PC experience. Its enhanced features allow the workforce - functioning mostly outside the cubicle - to be more productive. Some of its features include:



Lightweight and easy to carry around



Good connectivity features



Long battery life



Robust security features

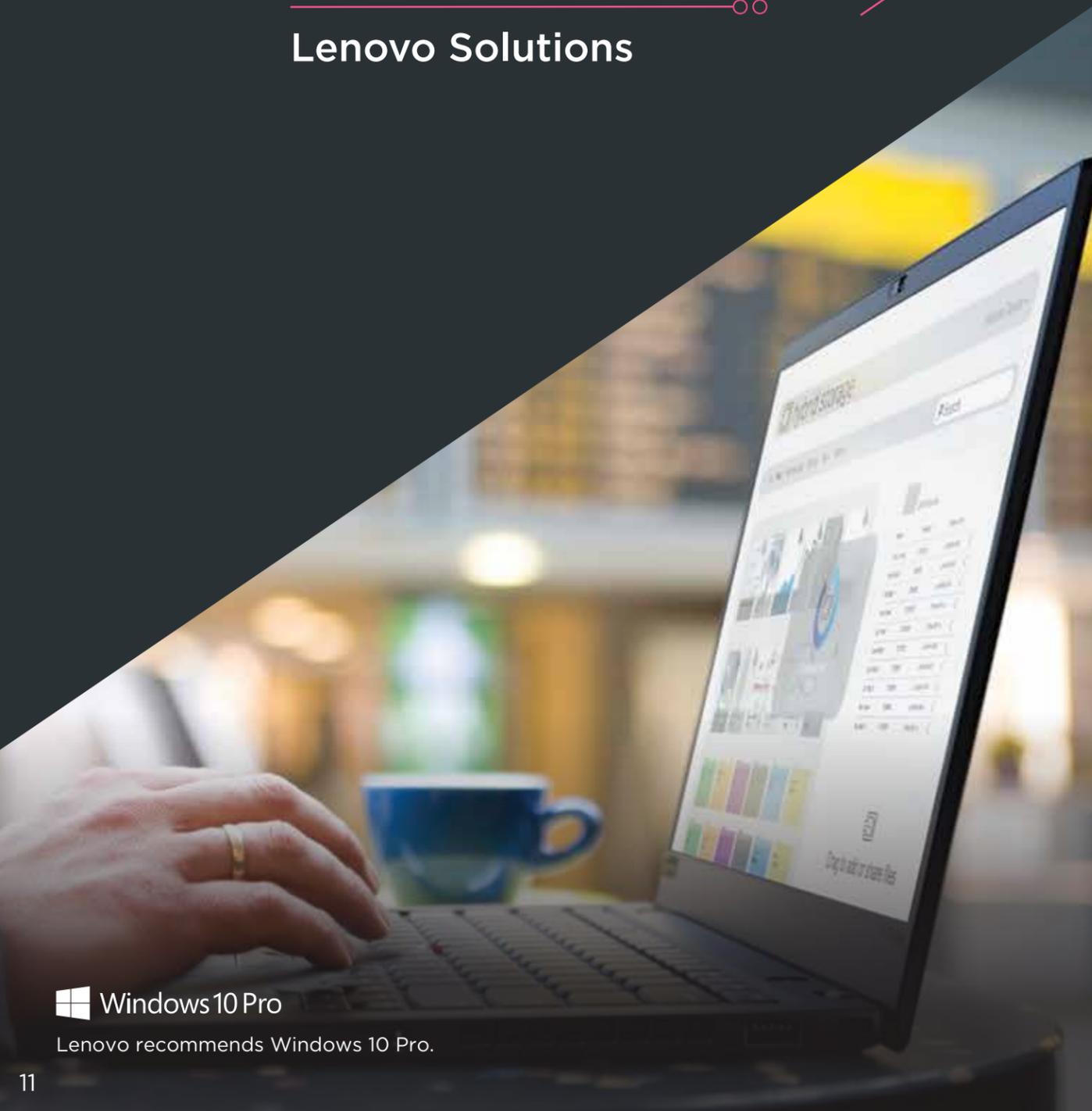
ThinkPad X1 Tablet





# Mobile Devices

## Lenovo Solutions



Windows 10 Pro

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# ThinkPad T Series

The ThinkPad T series builds upon superior design with the performance and durability professional users demand. It is ideal for a mobile workforce that needs true business-class notebooks to keep up with their on-the-go work schedule. The ThinkPad T series enhances productivity with features like:

-  Up to 8th Gen **Intel**® Core™ processors
-  Uncompromised security
-  Long battery life
-  Good connectivity features



ThinkPad T580



## Mobile Devices

Lenovo Solutions



## ThinkPad E Series

The ThinkPad E Series devices offer small business users unique style, a compelling facade, and all the features of a premier business laptop. They're built for security and productivity, with a look designed to make business feel personal again.



Lightweight and easy to carry around



Robust security features



Durable yet stylish



Easy to configure

ThinkPad E570





## Mobile Security

Lenovo is known to have the lowest security risks. Our hardware and software have been proven to be one of the safest in the entire industry, and the right choice for businesses that make fact-based decisions. Our 360° approach to security is a cohesive mesh of features and technologies that deliver maximum protection in a business PC.



## Lenovo's 360° Approach to Security



### User Access Control

Ensures PC access for authorized personnel only.



- **Multi Factor Authentication**

Lenovo's biometric fingerprint recognition ensures simplified access management and robust security. Leading in multifactor authentication, Lenovo also offers the following features in its devices:

- **Match on chip (MOC) fingerprint reader:** the most secure fingerprint technology on a PC because the biometric credentials are stored on a separate chip, making it almost impossible to hack into.
- Further strengthen authentication with **Intel® Authenticate** which gives flexibility to create and deploy customized hardened multifactor authentication policies to enforce user identity protection for access to the corporate domain, network, and VPN; protecting identity and securing data. **Intel® Authenticate** solution provides a simple self-service enrollment tool for end users to quickly get started, eliminating calls to IT.



## Mobile Security

### Lenovo's 360° Approach to Security



### Port and Physical Protection

Prevent data theft from USBs or other access ports on company PCs.

- **Smart USB Protection**

Blocks the data transfer capability of the USB port. But keeps the ports functional for input devices like mouse and keyboard.

- **Camera Shutter**

Built-in camera shutter ensures privacy. The ThinkPad Glance feature allows automatic locking using the IR camera when a user is away from the PC. It can be controlled by the local IT department to lock at certain intervals.



- **Chassis Lock**

A lock and key mechanism prevents theft of components like hard drives and graphics cards.



### Data Protection

Prevent data theft and loss.

- **Full Drive Encryption (FDE)**

Hard drive encryption to prevent unauthorized access to data sophisticated attacks.

- The dTPM 2.0 chip encrypts user data on the PC.

- **Online Data Backup**

Compared to tape archives, backing up your business data online automatically offers better speed and ease of use. Also, experience Pro SSD integration with Intel® Remote Secure Erase from Intel® Active Management Technology (Intel® AMT).

- **Hard Drive Retention**

When a hard drive is replaced under warranty, this add-on service allows the company to retain the original drive.





# Mobile Security

## Lenovo's 360° Approach to Security



## Mobile Device Management

### MobileIron

The global strategic partnership of MobileIron enterprise mobility management platform and Lenovo ensure secure provisioning and simplifies management of the endpoint devices. The features of MobileIron includes:

- One platform to secure devices
- 75% faster to provision settings and secure devices
- Endpoint, network, app and cloud security



### Intel

Lenovo devices powered by 8th Gen Intel® Core™ processors are enabled with **Intel® Active Management Technology** that allows IT pros to manage computers remotely and out-of-band. Lenovo and Intel's partnership ensures that devices have simplified access management with robust security for a mobile workforce.



## Mobile Security

Lenovo's 360° Approach to Security



Windows 10 Pro

Lenovo recommends Windows 10 Pro.

## Lenovo Unified Workspace

Lenovo Unified Workspace enables organizations to securely deliver the right apps and content, to the right users - anytime, anywhere and on any device. So your workforce can have the flexibility, policies and tools they need to be more creative, productive and collaborative.



### Seamless Access

Legacy Windows apps and private or public cloud apps all in one workspace for the user.



### Smooth Experience

A consistent experience on corporate-issued machines or mobile/BYOD.



### Easy Integration

Available on-premises with your existing infrastructure or as a hosted solution managed by Lenovo.

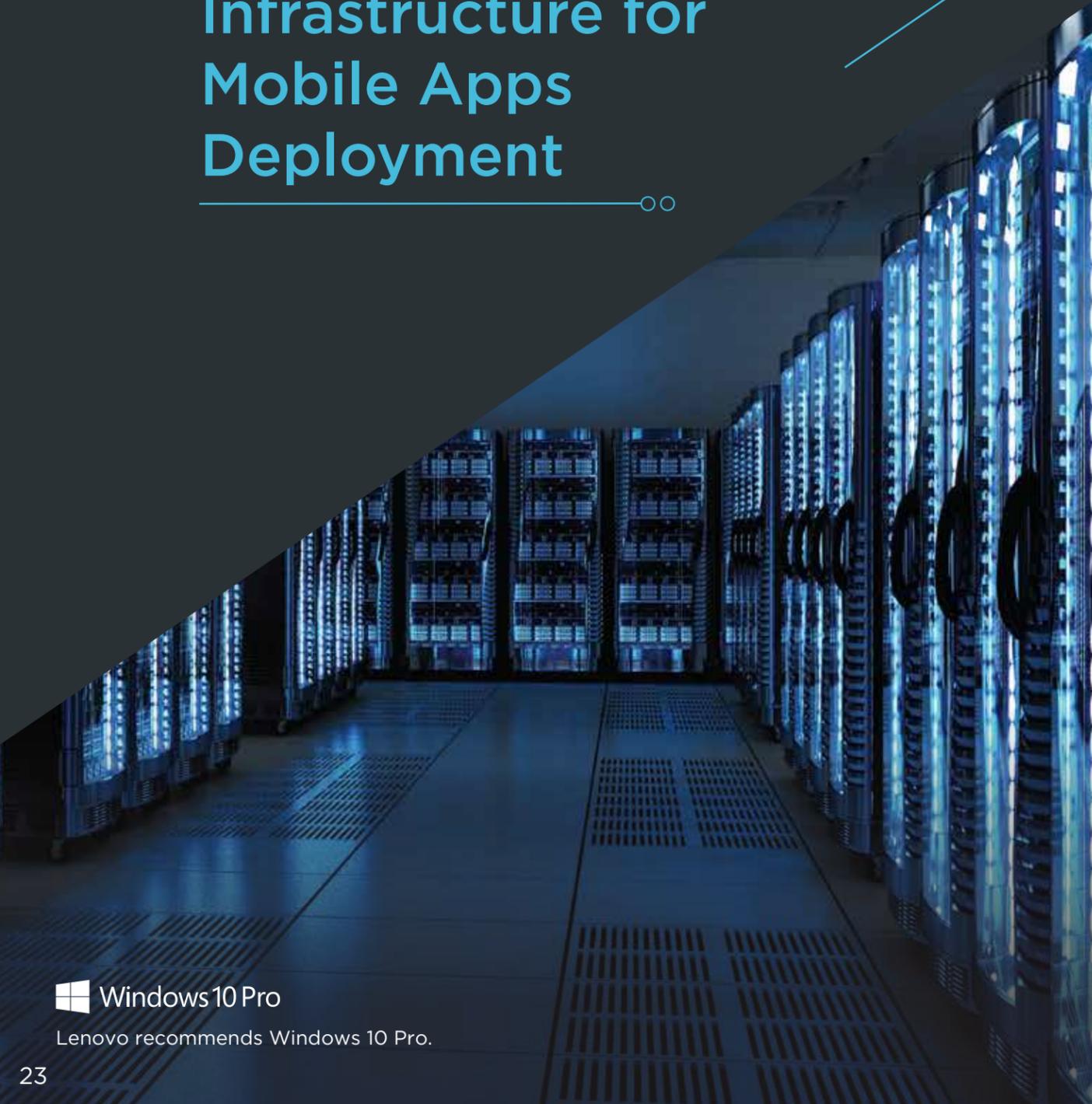


### OS Agnostic

Works the same on Windows 7 as it does on Android, iOS, Mac OS or Windows 10.



# Lenovo Cloud Infrastructure for Mobile Apps Deployment



## Lenovo Cloud Solutions



Organizations are relying more on cloud solutions to improve infrastructure efficiency, lower operating costs, and reach more customers. By transforming how content is created and delivered, cloud computing has transformed the way an organization works. A good cloud infrastructure can quickly deploy IT solutions and applications and respond faster to emerging opportunities.

When combined with Lenovo's comprehensive suite of services – the industry's top-rated systems from Lenovo with advanced capabilities of Microsoft Hyper-V – the Lenovo Cloud offerings for Microsoft Hyper-V enable you to take the guesswork out of cloud. Based on individual needs for mobility, Lenovo offers solutions that include ThinkAgile, SUSE, RedHat and VMWare.



# Lenovo Cloud Infrastructure for Mobile Apps Deployment



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## Secure and Scalable

Security is top priority as it impacts not only the cloud stored data, but also puts data of the entire enterprise at risk. Also, cloud solutions must be able to scale easily to meet an organization's needs as they evolve and grow.



## Always Available

Organizations require cloud solutions that are always operational, with minimal downtime. Lenovo XClarity removes complexity from the IT infrastructure. It is a fast, flexible, and scalable hardware systems management application that enables administrators to deploy infrastructure faster and with less effort. The application seamlessly integrates into Lenovo servers, Flex System, RackSwitch networking, and S Series storage.



## Manageable with Reduced Operational Costs

Manageability of a system - which includes the simplicity and speed with which a system is repaired and maintained - is essential. By implementing an agile cloud solution customers can leverage new IT efficiencies to lower administration expenses.



## Innovation and Improved User Experience

Lenovo has significant joint investments in product integration, interoperability, and features designed to improve IT service delivery and ensure that our solutions are fully integrated, tested, and optimized. Additionally, better security, compliance, control, and remote access provides an enhanced user experience.



## Long History of Partnership

With years of collaboration, Lenovo ensures comprehensive service and support to simplify change with a broad portfolio of customizable solutions proven in real customer environments.

## Conclusion

**Lenovo enables the mobile workforce to be future ready** through constant innovations and updates. Some of our features that embrace what lies ahead are:

- **Powerful Performer and Ultralight Design**

Stunning, powerhouse products that are extra-sleek with uncompromised performance.

- **Enhanced Graphics and Display**

Gen-next features that are unmatched in the industry - like the Integrated Intel® HD Graphics 620 (GT2), 8GB+ Dual Channel for integrated Graphics, HDMI 2.0 or DisplayPort 1.2 for 90Hz head-mounted displays and Bluetooth 4.0 for accessories - support AR/VR technologies.

- **AR/VR Enabled**

Lenovo's smart devices offer Augmented Reality experiences based on Tango Technology with wide-ranging applications for education and design. Some of our products like the ThinkPad T Series, ThinkPad L series and Lenovo V730, support virtual reality environments at a hardware level with the following features:

**CPU:** Intel Mobile Core i5 (e.g. 7200U) Dual-Core with Hyperthreading equivalent

**GPU:** Integrated Intel® HD Graphics 620 (GT2) equivalent or greater DX12 API Capable GPU

**RAM:** 8GB+ Dual Channel required for integrated Graphics

**HDMI:** HDMI 1.4 or DisplayPort 1.2 for 60Hz head-mounted displays HDMI 2.0 or DisplayPort 1.2 for 90Hz head-mounted displays

**HDD:** 100GB+ SSD/HDD

**USB:** USB 3.0 Type-A or USB 3.1 Type-C Port with DisplayPort Alternate Mode

**Bluetooth:** Bluetooth 4.0 for accessories

# 5 reasons why Lenovo is a difference maker



Trusted around the world



Expertise across categories



Choose Lenovo with confidence



Business-boosting technology



Flexible support network