Accelerate Deployment of Mobile Devices across the Workforce—without Images

SHI Zero Touch Deployment Services streamline configuration, deployment, and management of Intel® processor-based Windows® 10 laptops and 2-in-1 devices

Benefits of 7th Gen Intel® Core™ processors

SHI recommends the right mobile devices to meet your requirements and budget, including 7th Gen Intel Core processors that offer:

- Unprecedented power and responsiveness
- Up to 10 hours of battery life[1]
- Touch, voice, and stylus options for natural, intuitive interactions
- Instant wake at the push of a button for fast, stress-free startups
- Built-in security and facial recognition for peace of mind and hassle-free log-ins[2]

The end-user experience

Once SHI Zero Touch Deployment Services are complete, mobile employees' identities—not their devices—become the control point.

Step 1. SHI configures and deploys new Intel® processor-based mobile devices to meet your requirements.

Step 2. Mobile employees receive their new devices. The first time they log in from any network using their Active Directory credentials, the devices load with Windows® 10 and the appropriate applications, data, and policies to match each user's credentials.

Step 3. Upon future log-ins, the MDM automatically pushes any new updates and patches to employee devices, based on their credentials.

1. Windows® 10 1080p 24fps Local Video Playback on Intel® CRB, Intel® Core™ i5-7200U processor, PL1=15W TDP, 2C4T, turbo up to 3.1 GHz; memory: 2x4 GB DDR4-2133, Storage: Intel® SSD, display resolution:1920x1080. Intel® HD Graphics 620, battery: 42 WHr, OS: Windows 10 TH2.

2. Intel technologies' features and benefits depend on system configuration and may require enabled hardware, software, or service activation. Performance varies depending on system configuration. No computer system can be absolutely secure. Check with your system manufacturer or retailer, or learn more at http://support.intel.com.

Business challenge: Imaging process slows deployments

Most businesses are aware of the many productivity, security, and efficiency benefits of equipping mobile employees with the latest Windows 10 devices. The challenge comes with the long and expensive process of configuring, deploying, and managing mobile devices using the traditional imaging process.

That process involves building separate images for every computer model in the organization, testing the images for weeks or months, and finally deploying them across all devices. Businesses must repeat this lengthy process whenever a major Windows* update is released or new hardware is introduced into the business environment. The associated high costs and employee disruptions lead many businesses to delay updates and new implementations, despite the clear benefits of providing employees with the latest mobile devices.

Simplify and accelerate deployments with SHI Zero Touch Deployment Services

With SHI Zero Touch Deployment Services, you can upgrade to the latest devices featuring Windows 10 in about one month, with no images required, at a lower cost than traditional deployments. By shifting the point of control from the devices to user identities, you can remotely and securely push out new applications and updates to mobile employees whenever necessary, including when your employees are not connected to an internal network.

Select the right device

SHI works closely with you to identify your specific performance, management, security, mobility, and other device requirements. Then we recommend the right mobile devices to meet those needs.

Because Windows 10 runs best on the latest Intel® Core™ processors, SHI recommends laptops and 2-in-1 devices powered by 7th Gen Intel Core processors, which deliver unprecedented power and responsiveness, built-in security, and new multitasking features—all in a variety of lightweight, durable form factors to meet the demands of the mobile workforce.[2]

Streamlined configuration, deployment, and management

Once you have identified the right Intel processor-based mobile devices to meet your needs, SHI goes on-site to work closely with internal security, networking, mobility, and other teams to understand the existing environment and how best to configure, deploy, and manage the mobile solutions. The process depends on two basic tools that many businesses already have:

- **Microsoft Azure Active Directory Premium***, a comprehensive, cloud-based directory and identity management service. A full cloud migration is not necessary, but Azure AD Premium is used as a hub for all the software as a service (SaaS) applications and services delivered to the devices.

- **A lightweight mobile device management (MDM) solution,** such as Microsoft Intune*. The SHI Configurator, a proprietary tool, addresses any needs not covered by the MDM, such as removing unwanted applications, or bloatware, from new devices.

Up and running in weeks

SHI mobility experts can remotely configure and customize up to tens of thousands of Windows 10 devices in a fraction of the time of traditional deployments. During the staging process at SHI's 300,000-square-foot Integration Center, SHI rapidly installs applications and user profiles, and adds accessories, asset tags, and custom packaging to your specifications.

Benefits for businesses and their mobile workers

SHI began developing and refining an automated process for remotely configuring and customizing mobile devices in 2010, which enabled the company to be first to market with SHI Zero Touch Deployment Services. The benefits of the services include:

- **Accelerated deployments:** With no more images, you can configure and deploy new mobile devices in just one month instead of six months or more.

- **Simplified management:** You can update, patch, and manage devices more efficiently because user identities become the point of control instead of devices.

- **Enhanced employee productivity:** With devices automatically updated with the latest applications and security protocols, your employees can focus on their work without disruption.

- **Expert deployments:** SHI has Microsoft Certified Solutions Experts (MCSEs) with extensive experience assessing business environments and configuring mobile devices to match customer specifications.

- **Lower total cost of ownership:** You can get more value out of every device with fewer tools, no images to manage, fewer help-desk calls, and greater automation.

By 2020, the IDC estimates that mobile workers will account for nearly three-quarters of the U.S. workforce.[1] That growth places tremendous pressure on businesses to quickly deploy the latest mobile devices featuring the Windows 10® operating system. Doing so typically requires months of costly, resource-intensive effort, which has led many businesses to delay new implementations—even at the risk of reduced productivity and competitiveness.

SHI, a global solutions provider of IT products and services, is first to market with a solution that overcomes these challenges. SHI Zero Touch Deployment Services can help you select the right Intel processor-based laptop or 2 in 1 device to meet your needs, and then configure and deploy up to thousands of Windows 10 devices in about one month. The solution replaces traditional imaging with a simpler and less expensive identity-based solution, so end users can simply sign in and watch as applications and data are pushed through automatically.

Summary

SHI Zero Touch Deployment Services are helping businesses put Intel processor-based mobile devices with Windows 10 in the hands of every mobile employee. From selecting the right devices to configuring, deploying, and managing them faster and more efficiently, SHI makes it easier for businesses to meet the demands of the growing mobile workforce.

Learn more

To learn more about SHI Zero Touch Deployment Services, email Win10ZeroTouch@SHI.com.

For more information about SHI, please visit **shi.com**.

For more information about Intel, please visit **intel.com**.