



# HP Manageability Solutions Guide

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<http://www.hp.com/go/clientmanagement>

## What is HP Client Manageability?

HP's tools and protocols that helps reduce the cost and time of deployment, administration, and monitoring of devices from a remote console of IT Admin Choice.



### Reducing Total Cost of Ownership

Software and solution are supposed to make it easier to run your business, but too often it is a resource of frustration and expense. Manageability solutions like Microsoft SCCM and LANDESK offer three effective client management capabilities. These include device discovery, inventory, and reporting & dashboard view of environment statistics. In the wheel house of client manageability lays the abilities to manage discovered devices, each device must be maintained at the HW, BIOS, & SW level regardless of device type.

Our comprehensive portfolio helps reduce the complexity and cost of managing commercial PCs through client management software from HP and third-parties, jointly-developed value-adds, and HP manageability tools. The HP Client Management Solutions portfolio is designed to meet a range of client management needs. **HP** brings **best in class support** and solutions in manageability.

### HP Manageability Integration Kit (MIK) & HP Client Integration Kit (CIK)

This plug-in for Microsoft SCCM helps customer improve deployment of Microsoft Windows-based Client OS image to HP PCs. The HP MIK/CIK is installed on the same server as System Center Configuration Manager and can be accessed through the System Center console on the server.

The following are features:

- Create and import custom driver pack
- Import WinPE driver pack
- Integration of BCU which allows to configure BIOS setting during deployment
- Basic OS task sequence highlighting HP's custom steps.

The latest HP CIK version can be downloaded [here](#)

For more information, please refer to [HP CIK user guide](#)

### HP Client Catalog

This plug-in for Microsoft System Center products automates the acquisition and deployment of HP Software updates (SoftPaqs) to HP commercial PCs. It can be used with the software update feature of Microsoft SCCM and Update Publisher or System Center Essentials to provide automated drivers and patch updates to HP-managed Clients.

The latest HP Client catalog can be downloaded [here](#)

For more information, please refer to [HP Client Catalog whitepaper](#)

### HP Driver Packs

HP Driver pack contains the Microsoft Windows drivers in .INF based installation format. This INF installation method can be used standalone or with bare-metal operating system deployment tools that require .INF based drivers.

Driver pack for all HP support commercial platforms can be found [here](#)

For more information about HP Driver pack, please refer to the [whitepaper](#)

### HP Image Assistant (HPIA)

This tool provides assistance to IT System Administrators to improve the quality and security of their PC Windows image by diagnosing the image, identifying problems and recommending solutions.

The following are features:

- Capture PC configurations such as hardware, software, drivers, and updates to be evaluated
- Compare target image against reference image
- Dashboard view summarizing areas where Target Image and Reference Image differ
- Display all drivers, Windows updates for both Target Image and Reference Image
- Display all security related software installed on both Target Image and Reference Image
- Provide recommendations for fixing missing updates, drivers, software, security settings and BIOS

Download the latest [HPIA version](#) and [HPIA user guide](#)

### HP System Software Manager (HP SSM)

This is a utility that automatically detects and updates BIOS and device drivers to multiple PC simultaneously

Download the latest [HP SSM](#) and [HP SSM user guide](#)

### HP SoftPaq Download Manager (HP SDM)

This tool provides a simple, powerful way to download software updates for HP client PC models in your environment. It lists the updates available based on your search criteria on a single screen. It also provides the capabilities to create custom driver packs.

Note: the HP System Software Manager is embedded in the HP SDM

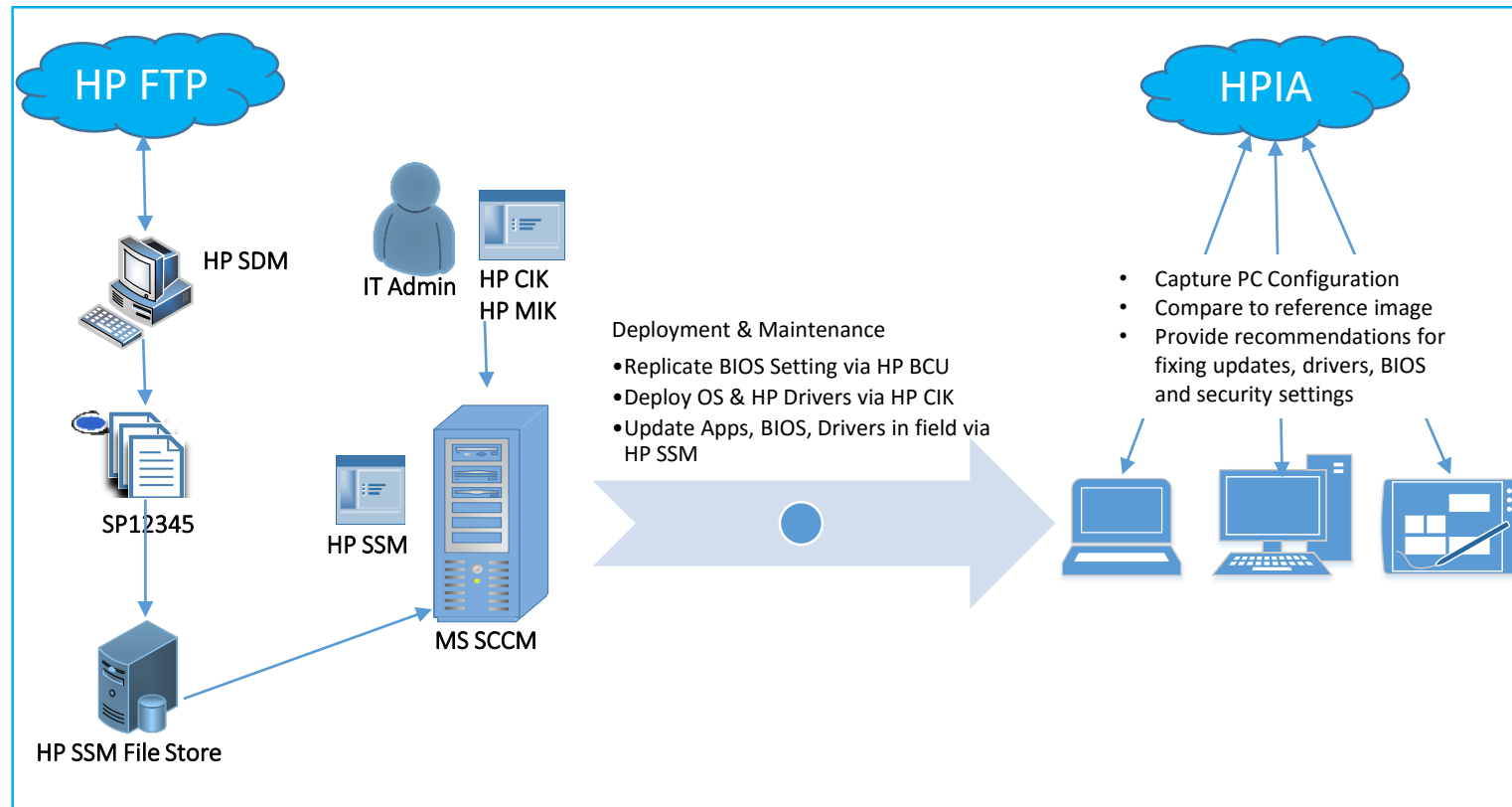
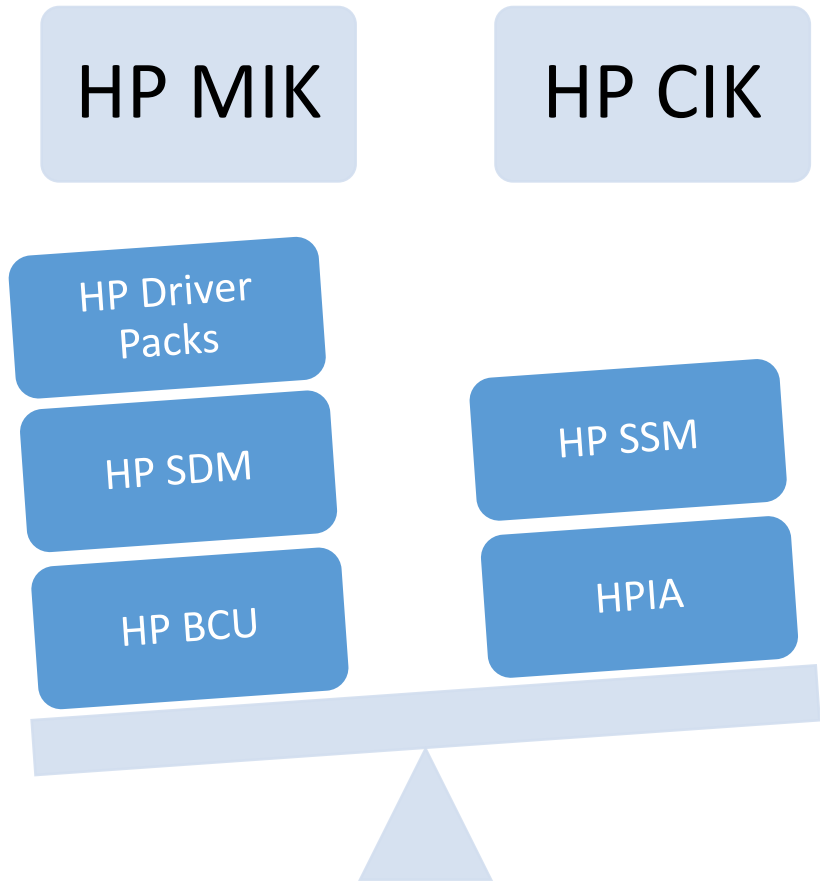
To download the latest [HP SDM](#) and [HP SDM & HP SSM whitepaper](#)

### HP BIOS Configuration Utility (HP BCU)

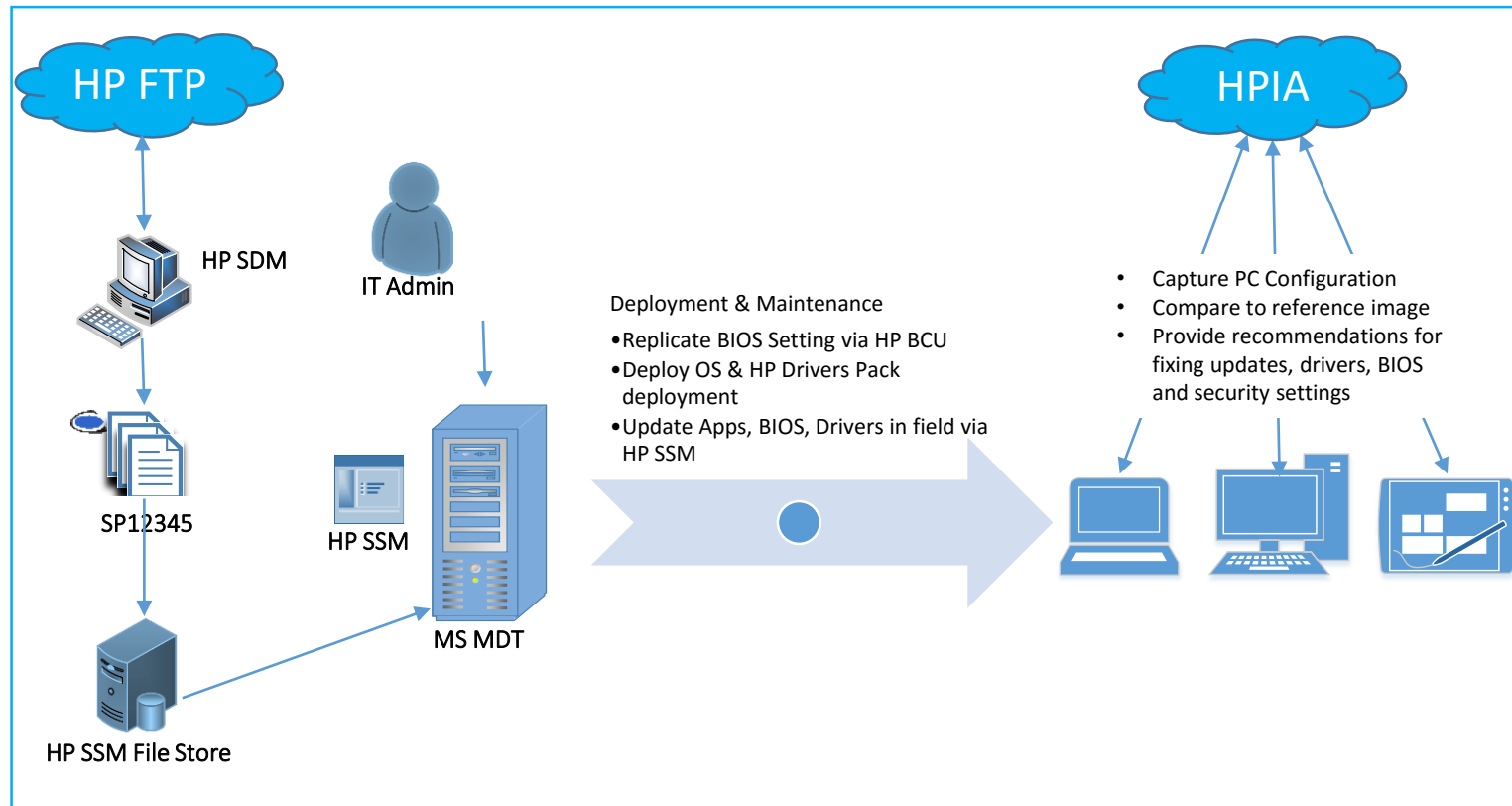
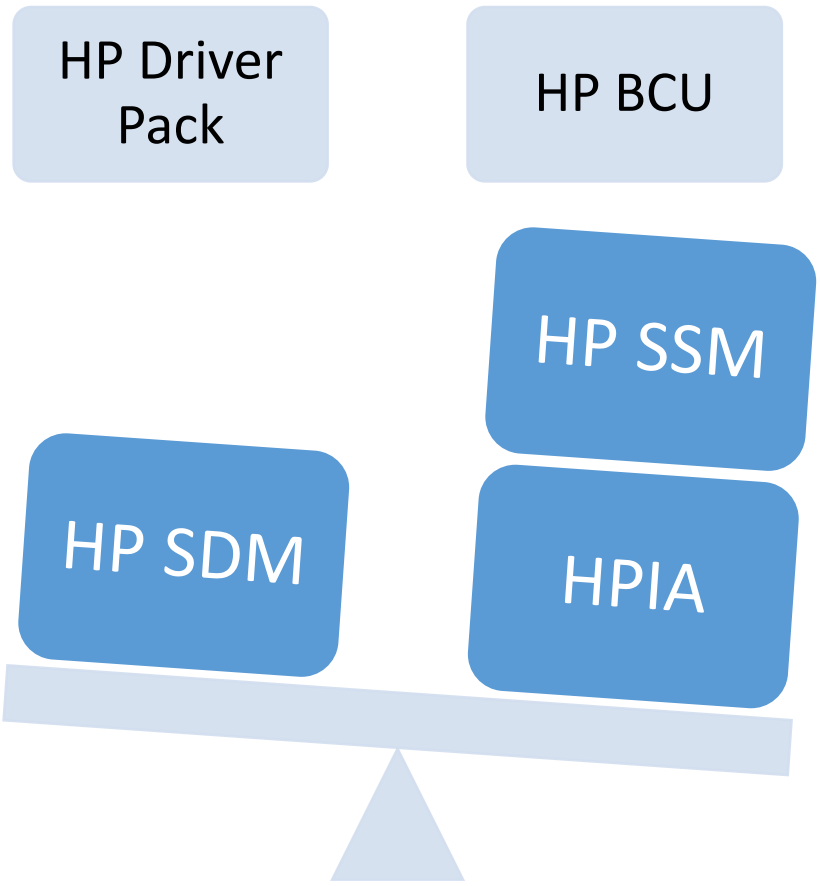
This utility provides the ability to manage BIOS settings on HP supported commercial system and replicate BIOS settings across multiple client computers.

Download the latest [HP BCU](#) and [HP BCU user guide](#)

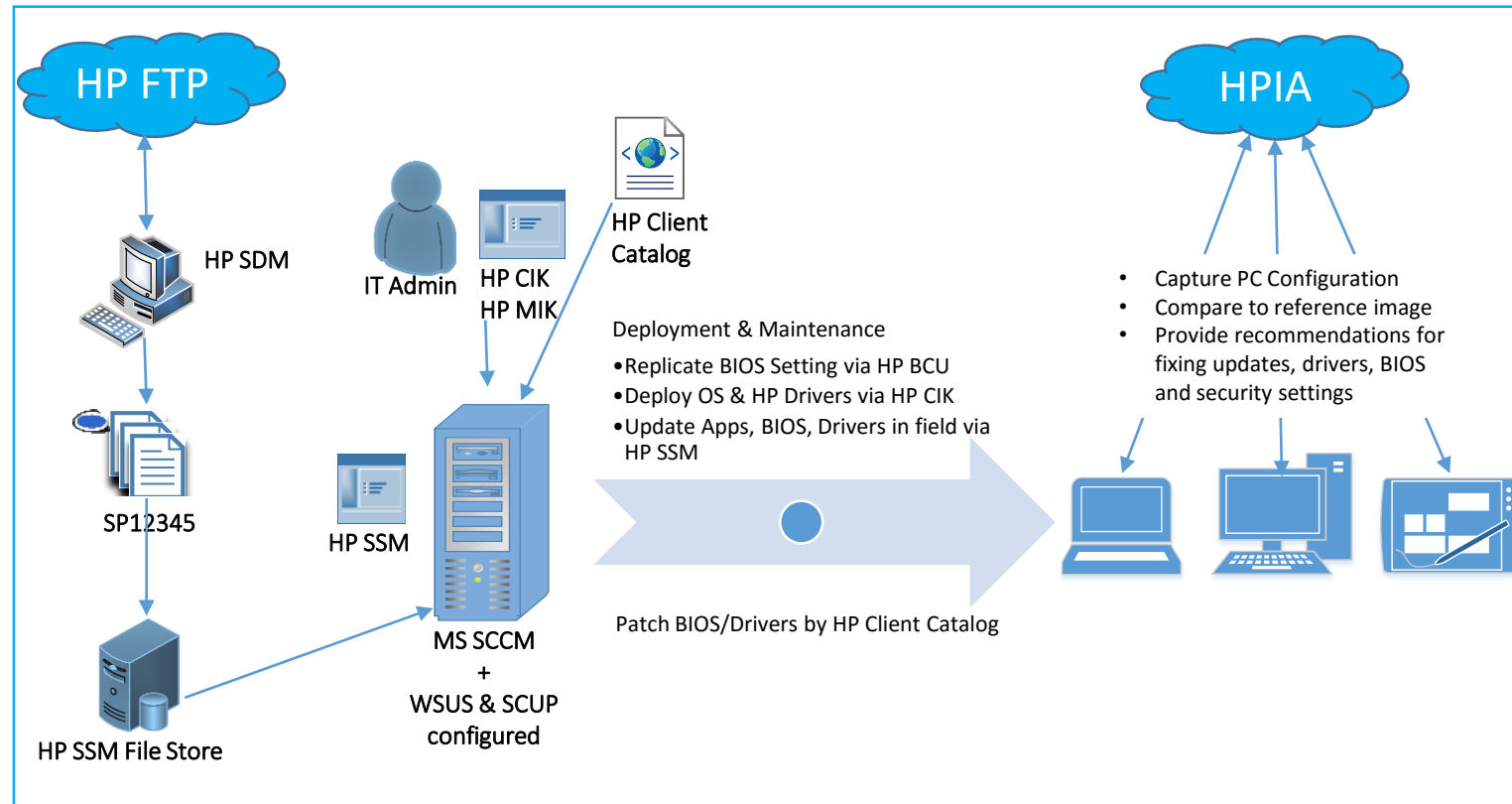
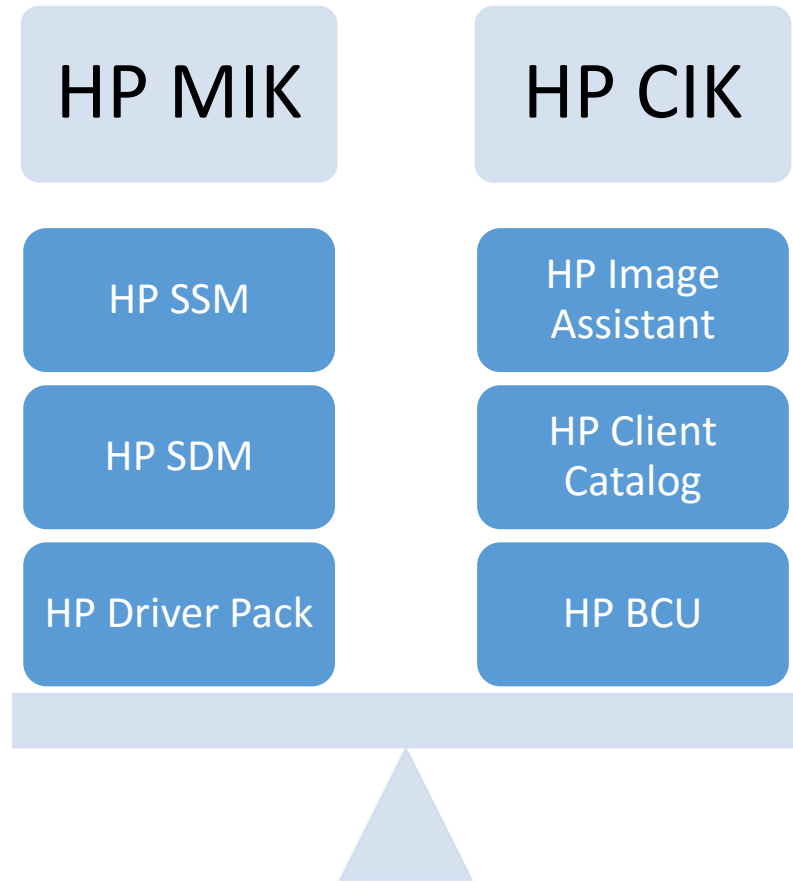
Environments with only MS SCCM Setup, HP recommends the following tools and solution for OS deployment, building custom driver pack, and updating BIOS and drivers.



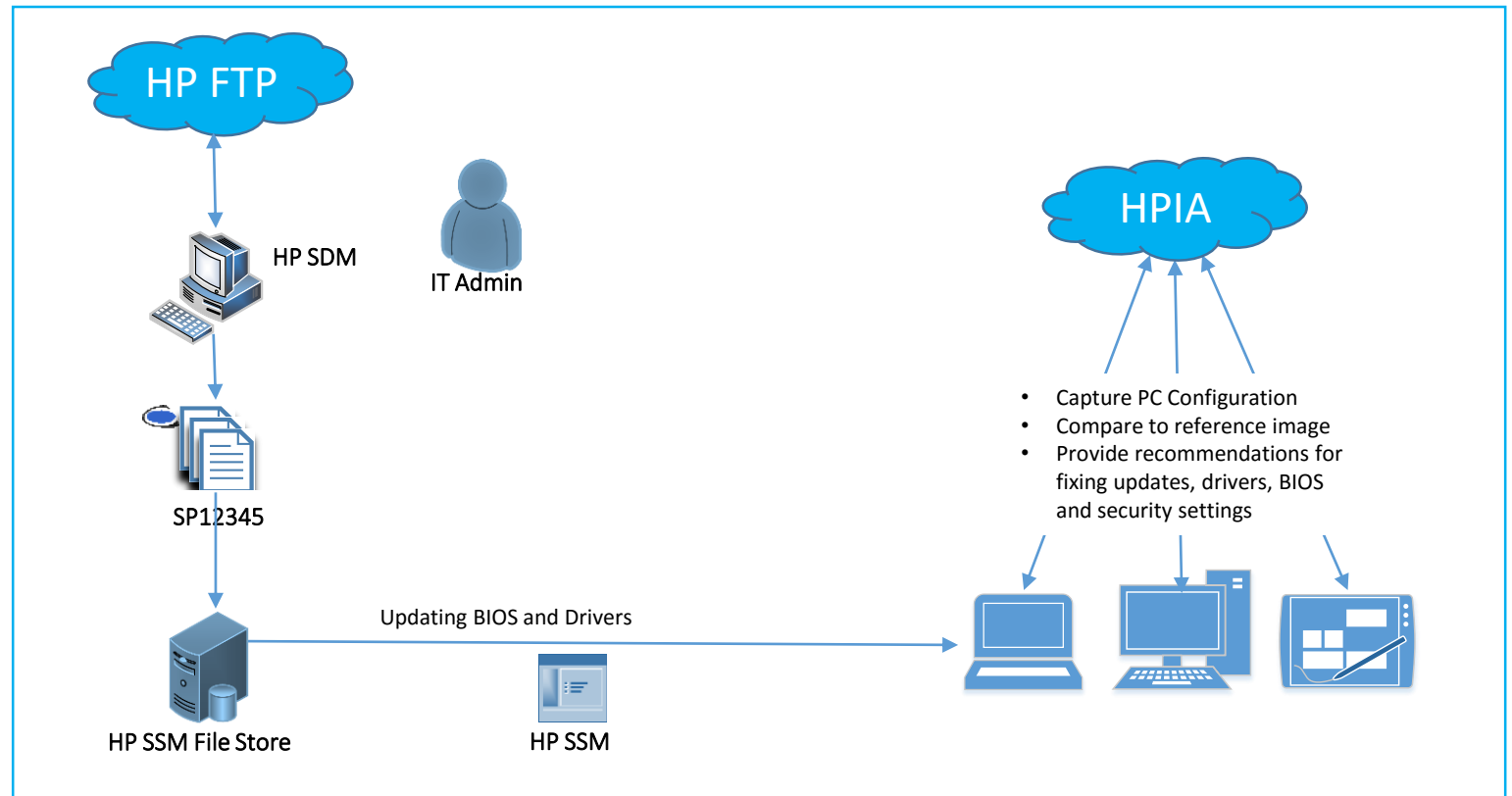
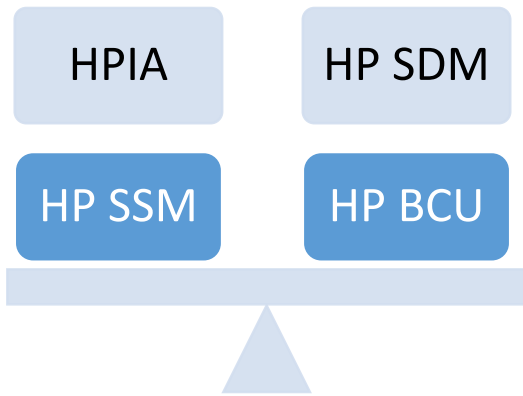
Environments with MDT setup, HP recommends the following tools and solution for updating BIOS and drivers, replicating BIOS settings and diagnosing image after OS deployment.



Environments with SCCM, WSUS, and SCUP setup, HP recommends the following tools and solution for OS deployment, building custom driver pack for OS deployment, replicating the BIOS settings, diagnosing image after deployment, and updating or patching BIOS & drivers.



SMB Environments without configuration management setup, HP recommends the following tools for diagnosing image, downloading and updating BIOS & drivers, and replicating the BIOS



Term	Definition
SMB	Small Medium Business
SCCM	Microsoft® System Center Configuration Manager
WSUS	Windows® Server Update Services
SCUP	Microsoft System Center Updates Publisher
HP MIK	HP Manageability Kit for SCCM
HP CIK	HP Client Integration Kit for SCCM
OSD	Operating System Deployment
HP SDM	HP SoftPaq Download Manager
HP SSM	HP System Software Manager
HP BCU	HP BIOS Configuration Utility
OS	Operating system
SoftPaq	Format used to deliver software to the end-users. It is self-extracting and (optionally) auto-executing.