

Commercial Vantage

Deployment Guide

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# Preface

This guide is intended for skilled IT administrators who are responsible for deploying and configuring **Commercial Vantage** to PCs in their organization.

If you have suggestions, comments, or questions, please talk to us on our forum! A team of deployment engineers (including the author of this document) is standing by, ready to help with any deployment challenges you are facing: <https://forums.lenovo.com/t5/Enterprise-Client-Management/bd-p/sa01_eg>

# Chapter 1. Overview

**Commercial Vantage** provides a user interface for changing hardware settings, checking for Lenovo software and driver updates, and more. **Commercial Vantage** is a slimmed-down and customizable version of Lenovo Vantage which has been available in the Microsoft Store since December 2017. To use **Commercial Vantage**, you must first uninstall any existing version of Lenovo Vantage, Lenovo Companion, or Lenovo Settings that may already exist on your PC.

The following software components are required to take full advantage of the Commercial Vantage features:

**The application: Commercial Vantage**

This Windows 10 store application provides the user interface. You can install the application from the Microsoft Store, or you can side-load it using the MSIXBUNDLE files that we provide. Note that any previous version of Lenovo Vantage, Lenovo Companion, or Lenovo Settings must be uninstalled before installing Commercial Vantage.

**Lenovo System Interface Foundation**

This driver is required to allow the **Commercial Vantage** to provide control of system features. The driver is installed to **Device Manager -> System Devices** as **System Interface Foundation V2 Device**. The driver also installs the **System Interface Foundation Service**. The service uses a plugin framework which provides the individual features of **Commercial Vantage**. The System Interface Foundation Service and these plugins are automatically updated by Lenovo to fix bugs and provide new features.

**Lenovo Vantage Service**

This package installs the Lenovo System Interface Foundation plugins that are required for **Commercial Vantage**

This document provides details how to deploy and configure **Commercial Vantage**.

# Chapter 2. Deployment

**Commercial Vantage Application**

Commercial Vantage is a Windows 10 Modern Application that can be installed directly from the Microsoft Store: <https://www.microsoft.com/store/apps/9NR5B8GVVM13>

Lenovo also makes available the MSIXBUNDLE (and related files) that can be used for side-loading. This type of installation can be performed using commands provided by Windows 10. For more information, please refer to the following Microsoft documentation: <https://technet.microsoft.com/en-us/library/dn376490(v=wps.640).aspx>

**Lenovo System Interface Foundation (LSIF)**

The installer for Lenovo System Interface Foundation can be downloaded from here (it is also included in the zip file):

<https://filedownload.lenovo.com/enm/sift/core/System-Interface-Foundation-Update-64.exe>

Installation of this package can be performed silently as follows:

System-Interface-Foundation-Update-64.exe /verysilent /NORESTART

**Lenovo Vantage Service**

The script for installing Lenovo Vantage Service is included in the zip file (Install-VantageService.ps1

). It is installed silently as follows:

powershell -executionpolicy bypass -file .\VantageService\Install-VantageService.ps1

**Deployment**

Lenovo provides a batch file **setup-commercial-vantage.bat** that deploys the above components. This batch file can be used as-is, or it can be modified to deploy optional configurations as documented in the next chapters.

**Microsoft Edge Webview2**

Starting with Commercial Vantage version 10.2303.8., the Microsoft Edge Webview2 is used to support the application. If the client machine does not have Webview 2 runtime installed or has a installed version lower than 103.0.1264.77, there will be issues when running the application. The latest version can be found on the Microsoft Website here: <https://developer.microsoft.com/en-us/microsoft-edge/webview2/>

# Chapter 3. Configuration

Lenovo understands that some features of Commercial Vantage may not be appropriate for end users in a managed corporate environment. Therefore, most features of Commercial Vantage can be hidden or disabled so that your end users cannot access them. There are two ways to configure Commercial Vantage:

**Group Policy Administrative Template**

If your PCs are joined to a domain, and you are familiar with Group Policy Administrative Templates (admx), you can add **CommercialVantage.admx** and **CommercialVantage.adml** to your Central Store. These files are located in the **Group Policy Settings** folder of the .zip file that includes this document. Then, use the Group Policy Editor to manage:

**Computer Configuration -> Administrative Templates -> Commercial Vantage**

The settings listed in the Policy Editor allow controlling which parts of the Commercial Vantage User Interface are displayed to the user. For example, you can enable the “Turn off Wifi Security” policy to hide the WiFi Security feature of Commercial Vantage.

For more information about using Group Policy Administrative Templates, please refer to the following Microsoft documentation: <https://support.microsoft.com/en-us/help/3087759/how-to-create-and-manage-the-central-store-for-group-policy-administra>.

**Registry**

Commercial Vantage can also be configured by importing .reg file(s) to your PCs as you deploy them. You can also create your own .reg file(s) by following these instructions on a test system:

1. Copy **Group Policy Settings\CommercialVantage.admx** to the **C:\Windows\PolicyDefinitions** folder
2. Copy **Group Policy Settings\en-US\CommercialVantage.adml** to the **C:\Windows\PolicyDefinitions\en-US** folder
3. Run gpedit.msc
4. The configuration items are at **Local Computer Policy -> Computer Configuration -> Administrative Templates -> Commercial Vantage**
5. From here, you can configure the policy settings that you want.
6. When you are done changing settings, close the Group Policy Editor, and then run regedit.exe
7. In the Registry Editor, navigate to **Computer\HKEY\_LOCAL\_MACHINE\SOFTWARE\Policies\Lenovo**
8. Right-click on **Commercial Vantage**, and then choose the option to Export
9. Save the registry file to your PC
10. On the PCs where you are deploying Commercial Vantage, import this registry file. This can be done before, during, or after the deployment of Commercial Vantage.

# Chapter 4. Features and Sample Configurations

1. **Commercial Vantage – show/hide application features**

The sample configuration (sample-policy-config.reg) is provided as a registry export file which can be used as-is (see Chapter 3). The .reg file can be imported to your target systems during deployment, as part of **setup-commercial-vantage.bat**. In this sample, the following policies are pre-configured:

1. Automatically accept the End User License Agreement (EULA)
2. Hide the system warranty information
3. Write the system warranty information to WMI
4. Hide the “My Device” section
5. Hide and disable the WiFi Security feature
6. Hide and disable the Hardware Scan feature
7. Hide the “Give Feedback” button

Again, this is just a sample. You can deploy any available policy setting in this way by following the instructions in Chapter 3.

1. **System Update – automatic updates**

By default, the System Update feature of Commercial Vantage automatically installs the following updates on a weekly schedule:

* All “Critical” updates (BIOS, firmware, drivers, and software)
* All “Recommended” driver updates (not BIOS, firmware, or software)

These automatic updates can be disabled in **Computer Configuration -> Administrative Templates -> Commercial Vantage -> Device -> System Update -> Auto Update**. Or, you can use the VantageDisableAutomaticSystemUpdates.reg file which is included in the deployment package.

You can configure the types of updates that get installed automatically in **Computer Configuration -> Administrative Templates -> Commercial Vantage -> System Update -> Configure System Update**. For example, you can choose to install *only* driver and software updates, and not any BIOS or firmware updates. Or you can install all critical and recommended updates.

1. **System Update – update history**

The System Update feature of Commercial Vantage writes update history to WMI (in the ROOT\LENOVO namespace). The Lenovo\_Updates class will contain each applicable package ID for that specific model, along with the Severity, Status, Title, and Version.

1. **System Update – update repository**

By default, the System Update feature of Commercial Vantage searches the Lenovo repository of updates. If you prefer, you can create your own repository of updates and configure Vantage to use this repository instead. This is configured in **Computer Configuration -> Administrative Templates -> Commercial Vantage -> Device -> System Update -> System Update Repository**. You can point to a local folder (such as c:\myRepository), a mapped drive (such as m:\myRespository) or a UNC path (such as \\myServer\myRepository).

See here for more information about using Update Retriever to create your own custom repository of updates: <https://support.lenovo.com/us/en/solutions/ht037099>

1. **Warranty Information**

You can use Commercial Vantage to write the system warranty information to WMI (in the ROOT\Lenovo namespace) by setting the policy in **Computer Configuration -> Administrative Templates -> Commercial Vantage -> Device -> Warranty**. The Lenovo\_WarrantyInformation class stores SerialNumber, Product, StartDate, EndDate, LastUpdateTime and the reference of each purchased warranty, while Lenovo\_WarrantyElement stores the details of these purchased warranties.

1. **Battery Information**

On ThinkPads, you can use Commercial Vantage to write the battery information to WMI (in the ROOT\Lenovo namespace) by setting the policy in **Computer Configuration -> Administrative Templates -> Commercial Vantage -> Device -> Device Settings -> Power**. The Lenovo\_Battery class stores the same information about the battery that you can see in the Commercial Vantage application.

Need help with other configurations? Have questions? Reach out to us on our forum! <https://forums.lenovo.com/t5/Enterprise-Client-Management/bd-p/sa01_eg>

# Chapter 5. Update History

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| --- | --- | --- |
| **Date** | **Author** | **Description** |
| 3/1/2023 | Product Manager | Added paragraph in Chapter 2. Deployment covering Microsoft Edge Webview 2 configuration |