# Intel® Manageability Commander (Intel® MC)

## Release Notes

**Intel® MC Version: 2.4**

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# 1 Introduction

Intel® Manageability Commander (Intel® MC) is a lightweight console used to connect with and utilize the features of Intel® Active Management Technology (Intel® AMT). Through this software, users will be able to connect to activated Intel® AMT devices and perform functions such as power control, remote desktop, hardware inventory, remote terminal, and more.

Additionally, this software will integrate with Microsoft System Center Configuration Manager (SCCM) version 1511 and later. When deployment wake events are triggered in SCCM, Intel® MC will also attempt to perform an Intel® AMT power-on action. You can manually power on collections in SCCM by right-clicking them in Intel® MC.

You can also launch Intel® MC on a per-system basis by right-clicking the specific system in SCCM. The resulting context menu lets you use Intel® MC to remotely power on supported Intel® AMT client systems directly from SCCM.

## 1.1 Supported Operating Systems

As a stand-alone application, Intel MC can be installed on the following operating systems:

- Microsoft Windows 8.1
- Microsoft Windows 10
- Microsoft Windows 11
- Microsoft Windows Server 2016
- Microsoft Windows Server 2019 (**Note**: The getPFX API requires the Intel EMA server to be installed on Windows Server 2019 or later)
- Microsoft Windows Server 2022 (**Note**: Crypto for Intel ME 11 systems is disabled by default on Windows Server 2022)

# 2 What's New in this Release?

- A new version (v 8.5.5) of the mandatory software component "electron" is required in this release of Intel MC. Please see the user guide for upgrade/install details.
- The **Ctrl-Alt-Del** UI control on the Remote Desktop tab is now a drop-down list with additional key code combinations to choose from.
- Added power actions to reboot or restart to PXE.

## 2.1 Differences Between Version 1.0 and 2.x

Intel MC version 2.x is different from version 1.0 in the following ways:

- Intel MC 2.x supports connections to systems running Intel AMT version 7.0 and newer only, due to removal of TLS 1.0 support.
- Unlike Intel MC 1.0, version 2.x does not include the Serial-over-LAN, Audit Log, System Defense, and Import/Export System List features. These features may be included in future releases.
- Integration of Intel MC 2.x into Intel® Setup and Configuration Software (Intel® SCS) is currently limited to version 12 and later of Intel SCS.

Intel MC 2.x includes the following features: Adding Systems, System Status, Remote Desktop, Storage Redirection, Hardware Information, Event Log, Network Settings, User Accounts, Alarm Clocks, and Audit Log viewing.

# 3 Fixed Defects

Below is a list of the fixed defects in this version of Intel MC.

- Updated security permissions in the Intel MC installer.

# 4 Known Issues

Below is the list of known issues in this version of Intel MC.

- Using the RLE8 or RAW8 image encodings with the KVM feature may result in connection issues on some systems.
- Due to removal of TLS 1.0 support, attempts to connect to systems running Intel® AMT version 11.8.60 and older result in a timeout error.
- Exporting the list of computers from Intel® Setup and Configuration Service (Intel® SCS) to Intel® Manageability Commander 2.0 is currently only supported in Intel® SCS version 12 and later.
- The IDE-R button, available from the Remote Desktop and Serial Over LAN features, may continue to display “Stop IDE-R” even though the connection to the remote system has been broken (for example, if the remote system is power cycled, terminating the IDE-R session). To correct this, use the Disconnect button to disconnect from the remote system and return to the computer selection list, then reconnect to the remote system. Alternately, you can restart Intel MC.
- If the target endpoint is an Intel vPro® Essentials system, the Remote Desktop functionality will not work.
- When starting the IDE-R function, you may see an error message "Error occurred starting IDE-R". Close Intel MC and relaunch it by right-clicking on the desktop icon and selecting "Run as administrator". The IDE-R function requires Intel MC to be running in administrator mode.
- Trying to connect to a target system that uses self-signed TLS certificates will result in an error. This is expected behavior.