



CSM for SCCM is an integration to Microsoft Endpoint Configuration Manager also known as MECM (formerly System Center Configuration Manager). It communicates with a component of MECM called Configuration Manager Console. More precisely, the communication happens with Configuration Manager API and Configuration Manager cmdlets. More information about the [API](#) and [cmdlets](#) can be found in Microsoft Docs.

Installation

In order for CSM to properly work it must be installed on a machine which has Configuration Manager Console installed. The operating system for the setup can be either Windows or Windows Server. The CSM installation requires a service account which has following prerequisites.

- Having at least application administrator role in MECM.
- Being a member of local administrator group or
 - Having full access to the following Windows registry key:
"HKEY_LOCAL_MACHINE\SOFTWARE\Centero\Agent" **and**
 - Having modify permission to the following folder:
"%ProgramData%\Centero\Software Manager" **and**
 - Having modify permission to a folder which is specified for downloads. This folder can be a local folder or an UNC-location.

The service account credentials are saved to a Windows service.

Internal network communication

CSM uses WMI-queries to communicate with MECM Site Server if the Console is installed on a remote machine. On the other hand, if the Configuration Manager Console is installed on a MECM Site Server there is no need for such communication over network. The potential network traffic from CSM/MECM Console installation is similar with WMI queries as if the MECM Console was used manually.



CSM for SCCM monitors constantly new application versions over internet. CSM also downloads the new application versions by using BITS (Background Intelligent Transfer Service). More information about [BITS](#) can be found in Microsoft Docs. Type of the communication from the CSM and Configuration Manager Console over the public network is:

- HTTPS protocol using port 443 to portal.centero.fi (91.190.196.42).

CSM also sends license and diagnostic information to portal.centero.fi (91.190.196.42). Customer can specify telemetry level and whether this information is send with HTTP or HTTPS protocol.