Inventory Class Data for Agent-Based Devices

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The Right Click Tools Insights **Device Inventory** page in your Recast Management Server displays information about the inventory classes that are created when you deploy the Recast Agent application for Insights. The data moves directly from the Recast Agent to your Recast Management Server database (via Recast Agent Gateway), meaning that you can access information for devices regardless of whether they are managed via ConfigMgr, Intune, ServiceNow, or other platforms.

Prerequisites

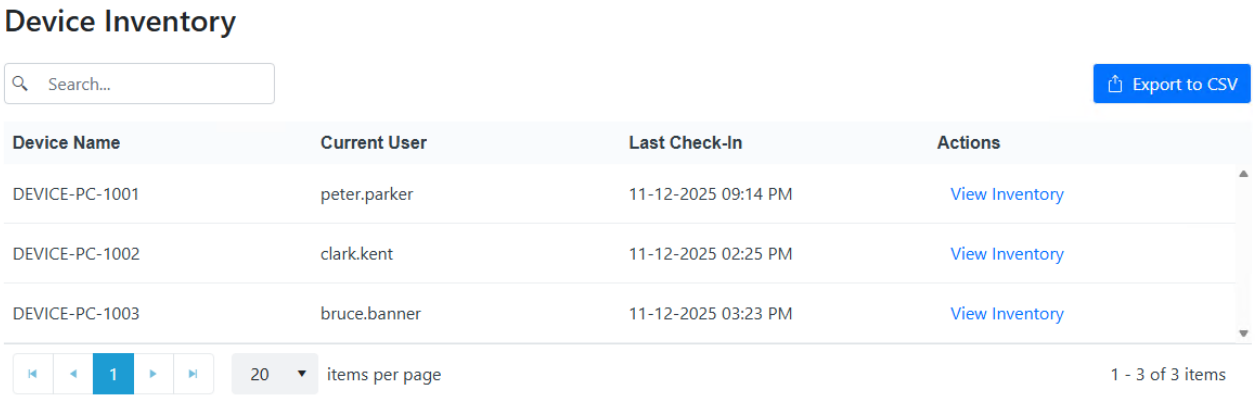
- Right Click Tools Insights license
- Insights installed with Recast Management Server and Recast Proxy
- Recast Agent application deployed to devices for which you want to see inventory class data
- Minimum Recast Software Version: 5.11.2512.1807

You can find the page in your Recast Management Server by navigating to **Insights** > **Device Inventory**. The list of Recast Agents is searchable and can be sorted by Device Name or Current User.

Device Inventory

The **Device Inventory** page displays the following information for all devices that have a Recast Agent:

- Device Name
- Current User – Displays one or more logged on users
- Last Check-In – Date and time that the device last reported information from its inventory classes
- Actions
  - **View Inventory** – Click to view detailed inventory information for a specific device



NOTE: Clicking **Export to CSV** on the **Device Inventory** page will only export Device Name, Current User and Last Check-In data, not the full details for each device.

Rate Limiting for Inventory Requests

Beginning with Right Click Tools v5.12.2607, rate limiting implemented on the inventory Agent prevents excess SQL server load when a large number of agents attempt to send inventory concurrently. Agents will instead wait and try sending their inventory data when the server is less busy.

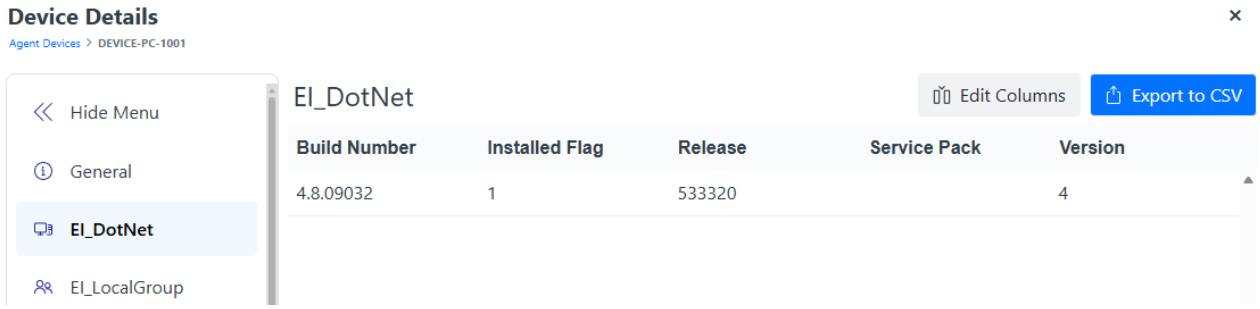
Common Scenarios

- A large number of devices come online at 8 am, having missed their last inventory windows, and are all queued up to send.
- After deploying several thousand Agents at the same time, they all attempt to send their initial

inventory.

Device Details

The Device Details side panel displays information related to the attributes included in an inventory class. All classes and attributes are listed below.



Edit Columns: Where an inventory class includes more than 6 attributes, you can edit columns to add to or edit the attributes shown. The Device Details side panel currently reverts to displaying the default columns as soon as you switch tabs.

Export to CSV: To more easily view data for 6+ attributes, we recommend selecting and exporting all the columns you want to see.

NOTE: A specific class will only appear if there is information to display.

Classes	Attributes
General	FQDN – Fully Qualified Domain Name SID – Security Identifier SMS ID – ConfigMgr ID Entra ID Intune ID RA (Recast Agent) Certificate Thumbprint
CCM Class	
CCM_LogicalMemoryConfiguration	Name Total Page File Space Total Physical Memory Total Virtual Memory
EI (Endpoint Insights) Classes	
EI_DotNet	Build Number Installed Flag Release Service Pack Version

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Classes	Attributes
EI_LocalGroup	Category Local Group Name SID Type User Domain User Name Well Known Group
EI_LocalUser	Caption Description Disabled Domain Full Name Lockout Name Password Changeable Password Expires SID Well Known User
EI_Monitor	Active Monitor Alt_SN 1 Analog Aspect Ratio Calculated Serial Device ID Digital EDID Ver EI_Monitor Name Horizontal Resolution Lic_To Low Power Manufactured Date Manufacturer ID Max Diag Max Horiz Max Inch Diag Max Inch Vert Max Vert Model Pn PID Power On Resolution Acronym Serial Number Standby Suspend Swapped Serials Version Vertical Resolution

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Classes	Attributes
EI_Monitor_CRes	Cloned Color Basis Current_Horiz Res Current_Vert Res EI_Monitor Name Flags Horiz Pos MIR Flags Pixel Format Pixel Rate PNPID Primary Rotation Scaling Serial_Number Stride Vert Pos Video Output Video Standard
EI_NIC	MAC Address Name Power Wake Active Power Wake Device Instance Name Power Wake Enable Wake On Magic Packet Only Active Wake On Magic Packet Only Enable
EI_ODBCDrivers	API Level Bit Type Connected Functions CP Timeout Driver Driver Name Driver ODBC Ver File Usage Setup SQL Level Usage Count User Name
EI_Powershell	PowerShell Version PS Compatible Version Reg Key Runtime Version
EI_Proxy	Auto Config Proxy EI Last Run Date Migrate Proxy Proxy Enable Proxy Override Proxy Server User Domain User Name

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Classes	Attributes
EI_Share	Caption Name Path Type
EI_UserARP	Architecture Display Name Install Date Product Id Publisher User Domain User Name Version
EI_UserDrive	Compressed Description Detection Method Device ID Drive Type File System Free Space Media Type Name Provider Name Size User Domain User Name Volume Name Volume Serial Number
EI_UserPrinter	Comment Device Id Driver Name Is Default Printer Is Network Printer Location Port Name Server Name Share Name User Domain User Name
EI_Volume	Boot Volume Capacity Caption Device ID Drive Letter Drive Type Free Space Label Serial Number System Volume
EI_WIRE_SKU ♦	Instance Name System SKU

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Classes	Attributes
EI_WIRE_SN ♦	Serial Number Tag
♦ EI_WIRE classes display warranty attributes if Insights is configured to collect warranty information.	

RI (Recast Insights) Classes

RI_InstalledSoftware (Software inventory from Add/Remove Programs)	DisplayName DisplayVersion Publisher InstallDate (String value stored in the Registry) Architecture (x64/WOW3264) UninstallString ProductId (if MSI installer) Path ModifyPath InstallSource UpgradeCode (if MSI installer) Language SystemComponent (Flag that controls display in Add/Remove Programs) NOTE: This inventory class is also available in WMI as the `RI_InstalledSoftware` class in the `RecastSoftware\RecastAgent_Computer` namespace.
RI_WindowsUpdates	Updates that show installed or needed by the Windows update agent. Updates can be from a WSUS or direct from Windows Update. Title Support Url Update ID Revision Number KB Article IDs Is Installed Reboot Required
RI_UpdateHistory	Shows a history of Windows Update installation attempts on the device. Essentially the same list as the one found in Settings > Windows Update > Update History. Title Install Date Result (In Progress/Succeeded) Update Operation Update Server Selection Client Application ID Error Code Update ID Revision Number
RI_WindowsDefenderUpdateHistory	Similar to the Update History, Windows Defender updates are listed separately and disabled by default. Enable this option by modifying your Policy settings in RMS.
RI_WindowsUpdateAgentStatus	Shows details about the status and health of the Windows Update Agent. Useful for knowing when the last scan from the Windows Update Agent occurred, if update data appears out of date or incomplete.

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Classes	Attributes
NOTES: • All Windows update scans perform offline scans for updates and only use the update metadata already cached on your device. • Windows Update classes are also accessible in WMI on devices with the Recast Agent installed. They can be found in the namespace `ROOT\RecastSoftware\RecastAgent_Computer` along with other existing Insights classes. Example: `Get-WmiObject -Namespace ROOT\RecastSoftware\RecastAgent_Computer -Class RI_WindowsUpdates`	
SMS (ConfigMgr) Classes	
SMS_Firmware	Secure Boot UEFI
SMS_Processor	Address Width Brand ID CPU Hash CPU Key Data Width Device ID Family Is 64 Bit Is Hyperthread Capable Is Mobile Is Trusted Execution Capable Is Virtualization Capable Manufacturer Max Clock Speed Name Norm Speed Number Of Cores Number Of Logical Processors P Cache Processor Id Processor Type Revision Socket Designation Status System Name Version
SMS_TPM	Information Is Applicable Is Ready
Win 32 Classes	

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Classes	Attributes
Win 32_BIOS	BIOS Version Build Number Description Manufacturer Name Release Date Serial Number SMBIOSBIOS Version Software Element ID Software Element State Target Operating System Version
Win32_ComputerSystem	Current Time Zone Description Domain Domain Role Manufacturer Model Name Number Of Processors Roles Status System Type User Name
Win32_EncryptableVolume	Device ID Drive Letter Persistent Volume ID Protection Status
Win32_NetworkAdapterConfiguration	Default IP Gateway DHCP Enabled DHCP Server DNSD omain DNS Host Name Index IP Address IP Enabled IP Subnet MAC Address Service Name

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Classes	Attributes
Win32_OperatingSystem	Boot Device Build Number Caption Country Code CSD Version Description Install Date Last Boot Up Time Locale Manufacturer Name Operating System SKU Organization OS Language OS Product Suite Product Type Registered User Serial Number System Directory Total Swap Space Size Total Virtual Memory Size Total Visible Memory Size Version Windows Directory
Win32_SystemEnclosure	Chassis Types Manufacturer Model Serial Number SMBIOS Asset Tag Tag
Win32_Tpm	Is Activated_Initial Value Is Enabled_Initial Value Is Owned_Initial Value Manufacturer Id Manufacturer Version Manufacturer Version Info Physical Presence Version Info Spec Version

Other inventory classes you'd like to see in RMS?
Let us know in the Recast Ideas Portal!