

# Install Right Click Tools with RMS

Last Modified on 12.03.25

By implementing Right Click Tools Enterprise with Recast Management Server, you'll have access to the product's full functionality. Before downloading and installing Right Click Tools, make sure that the system requirements for its implementation are met.

## Implementation Approaches

- You can choose to install the console extension (Task 1) initially and then install and configure your Recast Management Server (Tasks 2-4) at a later date.
- With all the prerequisites for RMS in place, you can choose to installRecast Management Server with Recast Proxy, followed by Right Click Tools with Recast Management Server.
- If you've already installed your Recast Management Server and Recast Proxy, you can skip Task 1 & 2 anddeploy the Right Click Tools Console Extension via RCT Patching and/or ConfigMgr.
- To install Right Click Tools along with Insights and Patching, see our Essentials Bundle Implementation Guide.

# Task 1: Install Right Click Tools Console Extension

To get you up and running with Right Click Tools Enterprise as quickly as possible, you'll first install the Right Click Tools Console Extension (aka Right Click Tools in Standalone mode). The Tools will be available in ConfigMgr—for users with Local Administrator permissions on target devices—while the prerequisites and permissions for other Recast components and/or products are being put in place.

Beginning with Recast Software Version 5.9.2503, you can install Right Click Tools, add the Right Click Tools browser extension, and run actions from within the Intune Admin Center on a device where no Configuration Manager console is present.

**NOTE**: When you enter your ConfigMgr site details during or after Right Click Tools installation (instructions below), you'll be able to run actions that require ConfigMgr information.

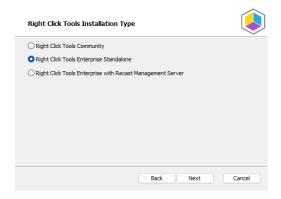
### Run the Right Click Tools Installer

Make sure any Configuration Manager console installed on the device is closed before opening the installer.

To install the Right Click Tools console extension, double-click the .msi file to open the Recast Console Extension installer you downloaded from the Recast Portal.

## Choose Installation Type

To choose a Right Click Tools installation type, click Right Click Tools Enterprise Standalone. Then click Next.



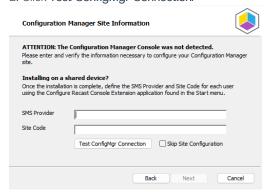


## Add Configuration Manager Site Information

If you are installing Right Click Tools in order to use the browser extension on a device with no ConfigMgr console installed, you will need to add site information for the Configuration Manager console in your environment.

To add ConfigMgr site information:

- 1. Enter the SMS Provider and Site Code.
- 2. Click Test ConfigMgr Connection.



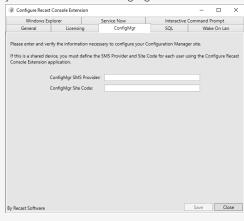
## Add ConfigMgr Site Information After Installing Right Click Tools

On the Configuration Manager Site Information page, you can choose to Skip Site Configuration and add the SMS Provider and Site Code after the installation completes.

**NOTE**: You'll need to provide those details before you can run any Right Click Tools action that requires ConfigMgr site information.

To add ConfigMgr site information after Right Click Tools installation:

- 1. Open the Windows Start menu and select the Configure Recast Console Extension application.
- 2. On the ConfigMgr tab, add the SMS Provider and Site Code. If Right Click Tools is installed on a shared device, you'll need to add ConfigMgr site information for each user of the Configure Recast Console Extension application.



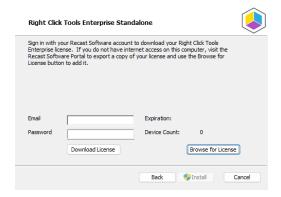
## Import License

To download your Recast license:

- 1. Sign into your Recast Software account by entering your Recast Portal Email address and Password.
- 2. Click Download License. Your account's Expiration and Device Count details will appear in the right-hand column.

TIP: If the computer with your Configuration Manager console does not have internet access, clickBrowse for License to search the filesystem for a license file exported from the Recast Portal.





#### Initiate Installation

Once you have filled in the license information, click Install. When the installation completes, you can click the link for Right Click Tools browser extension installation instructions, or click Finish to close the installer.



# Silent install without Recast Management Server

If you have not installed Recast Management Server, you will need to use the LICENSEPATH= parameter to specify the license file to use for your installation. You can download your license file from the Recast Portal or copy it from C:\ProgramData\Recast Software\Licenses if you already have Right Click Tools installed on a device.

The license path can be a relative or full path.

Example:

msiexec.exe /i "Right Click Tools.msi" /qn LICENSEPATH=".\License\my.license"

## Task 1A (Optional): Set Up Configuration Manager for Right Click Tools

When Right Click Tools is run in Standalone mode, some actions will not work without Remote Registry or Remote WMI enabled. We recommend that you bypass the need to enable Remote Registry and Remote WMI by deploying and using Recast Agents on your devices to elevate permissions.

If, however, the installation and configuration of your Recast Management Server isn't planned for the short term and you want access to all the Right Click Tools in Standalone mode, you can start the Remote Registry service, create firewall rules for Remote Registry, Remote WMI, and ICMP Echo, and configure the Interactive Command Prompt.

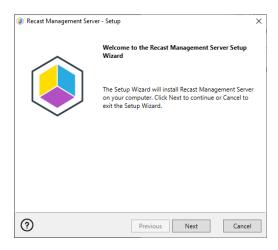


# Task 2: Install Recast Management Server with Recast Proxy

Recast Management Server software can be installed on its own server or on the primary Configuration Manager server.

# Run the Recast Management Server Installer

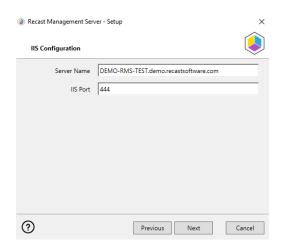
After downloading Recast Management Server from the Recast Portal, run the installer and follow its prompts.



IIS

To configure IIS:

- 1. On the IIS Configuration page, change the Server Name only if the client is going to use a DNS alias.
- 2. Set the IIS Port. The default IIS Port is TCP 444, to prevent conflicts when Recast Management Server is installed on Configuration Manager servers. The IIS Port can be changed to 443, or any open TCP port, to suit your environment.



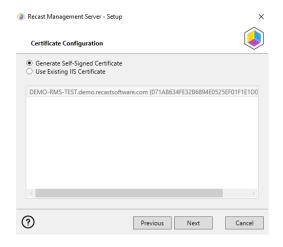
### Certificates

Recast Management Server requires a certificate for secure communication with Right Click Tools and any Recast Proxies.



To configure a certificate:

On the Certificate Configuration page, we recommend that you Use an Existing IIS Certificate issued by a trusted Certificate Authority (CA). If you choose to Generate a Self-Signed Certificate, you must import the Recast Management Server self-signed certificate to the Trusted Root Certificate Authorities store on devices running Right Click Tools, Recast Agent, or Recast Proxy.



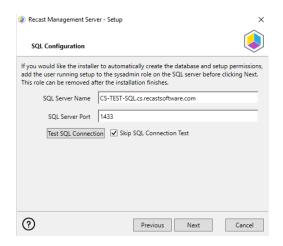
#### **CERTIFICATE NOTES:**

- The certificate subject name (or a subject alternative name) should match the server name in the URL that Right Click Tools and Recast Proxies are pointed toward.
- Right Click Tools will prompt for any untrusted certificates and add them to an allowed list.
- The certificate can be changed later by editing the Binding in IIS Manager.

# SQL Server

There are two types of permissions that will allow the Recast Management Server installer to automatically create the SQL database with all the necessary permissions:

- The user account running the installation can be assigned a SysAdmin role in the SQL instance. If the user account has permission to connect remotely, use the Test SQL Connection button to check connectivity to the SQL Server during the install. After the RMS installer creates the database, the SysAdmin permission can be removed.
- The computer account of the Recast Management Server can be granteddb\_creator permissions. In this case, check the Skip SQL Connection Test box.



#### SQL SERVER NOTES:

- The default SQL Server Port Number is 1433.
- Recast strongly recommends a fully licensed version of SQL to avoid the 10GB storage limitation of SQLExpress. SQLExpress use is only supported for POC implementations of Right Click Tools.
- After the SQL database is created, set the database recovery model to simple to prevent storage issues.



- Remote SQL Server: The computer account of Recast Management Server will need db\_ownerpermissions to
  create the database on the remote device. If the account running the Recast Management Server installer does not
  have permission to create a SQL database, the database administrator can pre-create the
  RecastManagementServer database and manually give the computer account db\_owner permissions.
- Local SQL Server: The IIS AppPool\Recast Management Server account will need db\_owner permissions to create the database on the local device. Alternatively, the database administrator can pre-create the database and give the IIS AppPool\Recast Management Server account db\_owner permissions to the database. The IIS AppPool\Recast Management Server account will not exist until after the installation completes, so the permissions will need to be given after installation.

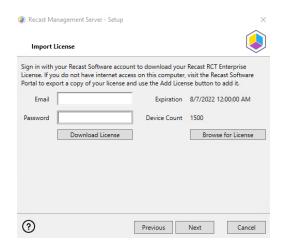
#### Import License

You can download and import your Recast licenses when installing Recast Management Server.

To download your Enterprise license:

- 1. On the Import License page, enter your Recast Portal email address and password.
- 2. Click Download License. The license information will appear in the right-hand column.

NOTE: If your server does not have internet access, click Browse for License to browse the filesystem for a license file that has been exported from the Recast Portal.



### Proxy

If the Recast Proxy is being installed on a server other than the Recast Management Server, install the Proxy separately after Recast Management Server installation.

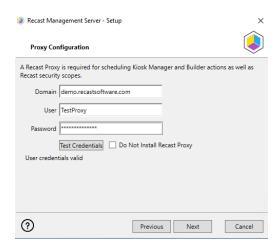
**NOTE**: Proxy configuration is optional for Privileged Access where Active Directory or Entra ID objects are not used to target rules.

To configure the proxy during RMS installation:

On the installer's Proxy Configuration page, enter the service account Domain, Username, and Password and click Test Credentials to verify service account details.

TIP: If you haven't already set up the required proxy permissions, remove any information from the text fields, selectTest ConfigMgr Connection and the Skip ConfigMgr Verification checkbox, and click Next.

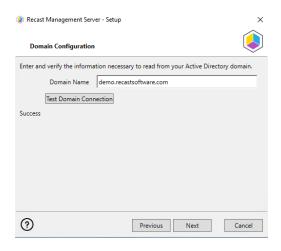




#### Domain

To configure your domain:

- 1. On the Domain Configuration page, enter the Domain Name.
- 2. Click **Test Domain Connection** to verify that the service account has access to read from your domain. The test should show **Success**.



# Configuration Manager

NOTE: Configuration Manager does not need to be set up for Privileged Access.

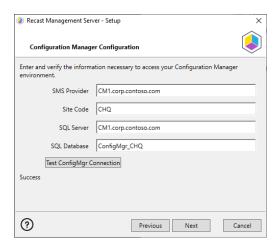
To set up your Configuration Manager for the proxy:

- 1. On the Configuration Manager Configuration page, enter the following information:
  - Name of the site server that has your SMS Provider role
  - Site Code
  - Name of the SQL Server where your Configuration Manager SQL database is located
  - SQL Database name

NOTE: You can skip the Configuration Manager Configuration page during Recast Management Server or Recast Proxy installation by removing any information from the text fields, selecting Test ConfigMgr Connection and the Skip ConfigMgr Verification checkbox, and clicking Next.

2. Click Test ConfigMgr Connection to check that the service account has access.



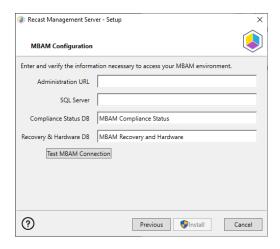


#### **MBAM**

MBAM configuration is only required for a separate MBAM Server. If you are using the ConfigMgr-integrated BitLocker or AD, you can skip this section. MBAM also does not need to be configured for Privileged Access or Patching.

To configure MBAM:

- 1. Tap Click Here to Configure MBAM.
- 2. Add your Administration URL and SQL Server information.
- 3. Click Test MBAM Connection to verify that the service account has access to MBAM.



### Initiate RMS Installation

Once you have filled in all the necessary information, click Install at the bottom of the MBAM Configuration page.

When the installation is complete, open the Recast Management Server by navigating to https://<Server FQDN>:<Port> in a web browser (Chrome, Edge, or Firefox are recommended).

When asked to sign in, enter the username and password for the account used to install the Recast Management Server.

# Installation Log Location

To check the installation logs for Recast Management Server and Recast Proxy (when installed together), navigate to C:\Users\<user account running the install>\AppData\Local\Temp

NOTE: The log is named something like Recast\_Management\_Server\_2022\*\*\*\*\*.log



# Option: Deploy Console Extension via Patching and/or ConfigMgr

If you've already installed Recast Management Server software in your environment, you can deploy the Right Click Tools Console Extension using Right Click Tools Patching and/or Configuration Manager. Your Right Click Tools Enterprise license alone gives you access to Patching to deploy Right Click Tools and Recast Agents. In the absence of Patching licensing, only the Right Click Tools and Recast Agent applications will be available in the Patching Catalog.

### Prerequisites for Installing the Right Click Tools Console Extension using RCT Patching:

- Recast Management Server is running Recast Software version 5.4 or later, as that version introduces Patching in RMS
- Required proxy permissions for Patching are in place

# Deploy the Console Extension with RCT Patching

To deploy the Right Click Tools application via Patching:

- 1. If you haven't already done so, complete your initial Patching setup, skipping the Setup Wizard's Define Deployment Processes step.
- 2. Add a deployment process for the 'Recast Software Right Click Tools' application.
- 3. On the Deployment Process Details page, click the Settings cog to open your Global Deployment Process settings.
- 4. On the Advanced tab, in the Additional Installation Parameters section, add the RCTENTERPRISESERVER=https://<RMS FQDN>:<Port> parameter to your install string, substituting the FQDN and port number for your Recast Management Server. This will connect Right Click Tools to your Recast Management Server.
- 5. Scroll down to the bottom of the side panel and click Save & Close.
- 6. Back on the Deployment Processes page, you can manually trigger the deployment by clicking the ellipsis (...) to the right of the deployment process and choosing Run from the drop-down.

For a video walkthrough, see Chris Antoku's Recast Application Deployment video on our YouTube channel.

## Deploy the Console Extension with Configuration Manager

Option 1: Create a Patching deployment process but deploy the Console Extension with ConfigMgr

By creating a Patching deployment process for the Right Click Tools application without any deployment steps, you can automatically access new versions, with the correct install commands, and then use the Right Click Tools application in a task sequence and/or to create deployments manually in Configuration Manager.

To create a deployment process without deployment steps:

- 1. When creating the deployment process, choose a collection.
- 2. Remove the deployment step.
- 3. Save the deployment process.

Option 2: Use ConfigMgr to manually package and deploy the Console Extension



#### Silent Install

Add the RCTENTERPRISESERVER=https://<FQDN>:<Port> parameter to your install string, substituting the FQDN and port number for your Recast Management Server.

Example:

 $\label{linear_msiexec} $$msiexec.exe /qn /i "Right Click Tools.msi" RCTENTERPRISESERVER="https://<RMS FQDN>:<Port>" /L*V "%temp%\Right htClickToolsMSI.log" | The content of the content$ 

**NOTE**: The default Recast Management Server port is 444. Inbound and outbound traffic over port 444 (or an alternative port you specify) must be enabled between the Recast Management Server and any device that has a Recast Agent in order for the Agent to be able to communicate with the server.

# Task 3: Configure Recast Management Server for Right Click Tools

After installing your Recast Management Server, you'll need to assign roles to users and configure a Recast Proxy to manage tasks.

# Assign Roles to Users

Add an Active Directory User or User Group

To add an AD user or user group:

- ${\tt 1.\ In\ your\ Recast\ Management\ Server,\ navigate\ to\ {\tt Administration\ >\ Permissions}.}$
- 2. In the Recast Users section, click Add User or Add Group.

# Recast Users



3. In the window that opens, search for your AD name or AD user group and click the Add button.

NOTE: By default, the search is limited to the users or groups in the same domain as your Recast Management Server.

### Using a wildcard (\*) to facilitate your search

Wildcard examples:

- John Connor returns strings that match exactly
- John C\* returns strings beginning with 'John C', such as John Connor', 'John Connors', and 'John Cranston'
- \*Connor returns strings ending with 'Connor', such as 'John Connor' and 'Carol O'Connor'
- \*Support\* returns strings that include 'Support' plus whatever is on the left and right, such as 'Customer Support Team' and 'Enterprise Support Group'



## Assign a User a Role

Each user must be assigned at least one role.

To assign a user a role:

1. On the Permissions page, click the Edit icon to the right of the user or group.

#### **Recast Users**

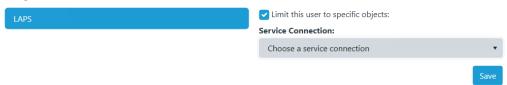


2. In the Role Assignments window that opens, under Roles, select a role to assign to the user/group.

To learn about the individual permissions granted by a role, see View or Edit User Role Permissions.

3. Under Assigned Roles, enable Limit this user to specific objects and select a Service Connection to add a limiting rule that restricts user permissions to a set of devices (optional). To learn more, see Limiting Rules.

#### **Assigned Roles**



4. Click Save.

**NOTE**: Beginning with Recast Software Version 5.9.2502.2105, you no longer have to set a **Refresh Interval** to repopulate your limiting rules (formerly known as scopes). The scheduled Discovery Sync will keep your service connection data up to date.

NOTE: For Patching, the user account running the Recast Proxy requires the TaskScheduler > StartTaskByName permission in RMS prior to running the initial setup. You can grant the permission using the default Administrator role, or by a creating custom role.

## Configure a Recast Proxy to Manage Tasks

A Recast Proxy can be used to manage a number of tasks within Right Click Tools, such as allowing access to web dashboards, scheduling Recast Builder actions and Kiosk Manager actions. You'll also require a Recast Proxy to collect warranty information with Insights.

To set up a proxy to manage tasks, you must authorize the proxy in the Recast Management Server (if necessary), create a Recast Proxy route, order the routes to match your priorities, and add service connections.

Authorize a Recast Proxy

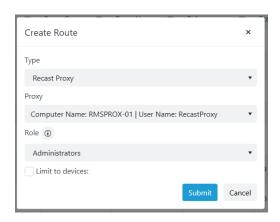


By default, the Recast Management Server automatically authorizes any proxy installed in the same domain as the Recast Management Server. Proxies installed in other domains must be approved manually, unless you've edited the default setting to approve all proxies automatically.

#### Create a Recast Proxy Route

To create a Recast Proxy route:

- 1. On the Routes page in your Recast Management Server, click Create.
- 2. In the Create Route window, set the route Type to 'Recast Proxy'.
- 3. Select your proxy computer name with service account from the drop-down.
- 4. Set the Role to 'Administrators'.
- 5. Click Submit.



#### Reorder Routes

By default, new routes appear at the bottom of the table on the Routes page.

- To make actions run using a Recast Proxy route that is lower in the list, you must move that route above the Console Extension route in the table, as the first route to be successfully matched will be used.
- If you only need your proxy to populate limiting rules, and you don't want to run any actions using that proxy, you can leave your proxy route at the bottom of the table.

Changes to the route order are saved automatically.

# Add Service Connections

Add service connections in your Recast Management Server so that the Recast Proxy can guery the third-party services.

Service Connection Types:

- ActiveDirectory: Required for Right Click Tools web dashboards
- AzureActiveDirectory (Entra ID): Required for Privileged Access and theEntra ID BitLocker Recovery Keys tool
- MEMCM (Microsoft Endpoint Manager Configuration Manager): Required for Patching and Right Click Toolsweb dashboards
- MBAM (Microsoft BitLocker Administration and Monitoring): Optional for BitLocker web dashboard

# Task 4: Deploy Recast Agents for Right Click Tools



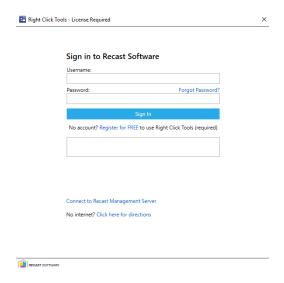
# License Right Click Tools with RMS

When you add Recast Management Server as part of a new Right Click Tools Enterprise deployment or an upgrade to Right Click Tools Enterprise from the Community Edition, you'll be asked to connect to RMS when signing into Recast Software. Once you've signed in and connected to Recast Management Server, you can download your Enterprise license.

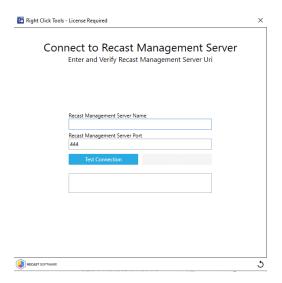
# Sign in to Recast

To sign in and connect to Recast Management Server:

- 1. On the Recast Software sign-in page that opens in your Configuration Manager console, enter your Username and Password.
- 2. Click Connect to Recast Management Server.



- 3. In the Connect to Recast Management Server window, enter yourRecast Management Server Name.
- 4. Change the Recast Management Server Port, if needed.
- 5. Click Test Connection.
- 6. When your connection is successful, click Save.





## Download Your Enterprise License

You can download or copy licenses for your Recast Software products and components from the Recast Portal.

To locate your Recast licenses:

- 1. Log into the Recast Portal using your account credentials.
- 2. Click on the Download Licenses icon (the cloud) in any row to download a .zip file that contains all of your Recast licenses.

**NOTE**: For the Right Click Tools Community Edition, the Download and Download Licenses icons will only appear in the Community Edition row.

### **Welcome Recast Software**

This table includes the most recent Recast Software product and component versions for active Enterprise subscriptions, as well as the current Right Click Tools Community Edition version. Download the file containing all your Recast licenses by clicking the Download License icon in any row.

NOTE: To install or update Privileged Access (formerly Privilege Manager) or Patching (formerly Application Manager), download the newest Recast Management Server version.

Name	Subscription Type	Version	Description	Upload Date	LicenseTimeframe	Subscription Limits	Actions
Right Click Tools Community Edition	Right Click Tools Community	5.10.2507.3105	This free Community Edition offers a limited set of user and device management tools.	Aug 1, 2025	May 20, 2025 to Jun 19, 2028		<b>.</b> ∆
Recast Agent	Right Click Tools	5.10.2507.3105	This Windows service runs as the local system. Agents installed on devices in your environment securely connect to Recast Management Server via Recast Agent Gateway. Used with Right Click Tools Enterprise, Insights, and Privileged Access.	Aug 1, 2025	May 20, 2025 to Jun 19, 2028	10000 devices	<u>.</u> ⇔
Recast Agent Gateway	Right Click Tools	5.10.2507.3105	Securely connects Recast Management Server to Recast Agents. One Agent Gateway is required for every 20K Agents. The first is automatically deployed when RMS is installed. Used with Right Click Tools Enterprise, Insights, and Privileged Access.	Aug 1, 2025	May 20, 2025 to Jun 19, 2028	10000 devices	<b>.</b> ℃
Recast Management Server	Right Click Tools	5.10.2507.3105	This central hub for Recast Software products installs on a server of your choice. Required to access Privileged Access and Patching, and for full functionality in Right Click Tools and Insights.	Aug 1, 2025	May 20, 2025 to Jun 19, 2028	10000 devices	<u>↓</u>
Recast Proxy	Right Click Tools	5.10.2507.3105	This Windows service installs as part of Recast Management Server, allowing RMS to initiate actions that require a service account. Proxies can be added separately for other domains. Used with Right Click Tools Enterprise, Insights, Privileged Access, and Patching.	Aug 1, 2025	May 20, 2025 to Jun 19, 2028	10000 devices	<u>∓</u>
Right Click Tools Enterprise Edition	Right Click Tools	5.10.2507.3105	This console extension integrates context-specific tools, dashboards, and reports. Used with all Right Click Tools Enterprise implementations. Add the Recast Management Server component to access all Right Click Tools features.	Aug 1, 2025	May 20, 2025 to Jun 19, 2028	10000 devices	<u>↓</u> ⇔
Right Click Tools Insights	Insights	5.10.2507.3105	Formerly Endpoint Insights. Installs on your Configuration Manager server to create reports and an application for Recast Agent. Requires Recast Management Server (to collect warranty information), Recast Proxy, and Recast Agent.	Aug 1, 2025	May 20, 2025 to Jun 19, 2028	10000 devices	<u>↓</u> ⇔

For installation instructions, visit the Recast Software Help Center.

If your product licenses are not available via the Recast Portal, contactRecast Support or your CSM to have license files sent to you.

# View Recast Software License Details

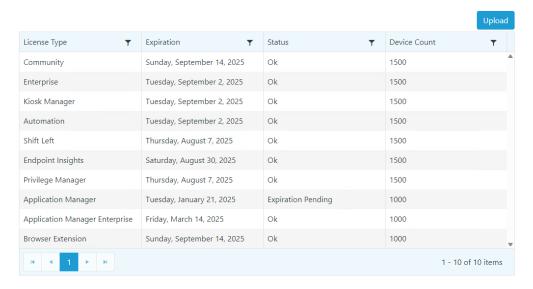
When Right Click Tools is connected to Recast Management Server, the Recast Agent will automatically update licensing information from RMS when a new software version is installed. You can check the expiration date, status, device count of all your Recast product licenses in the Recast Management Server interface.

To view licensing details in the Recast Management Server interface:

- 1. Access your Recast Management Server at https://<ServerFQDN>:<Port> in a web browser.
- 2. Navigate to Administration > Licenses.



#### Licenses



# MSI Command Line Switches

Available MSI command line switches for Right Click Tools installation:

## Right Click Tools

- RCTENTERPRISESERVER: RMS server URL
- LICENSEPATH

# Recast Management Server / Recast Agent

- AGENTGATEWAY: Your Agent Gateway Server URL
  - PROXYLOGONUSER
  - RCTENTERPRISESERVER: RMS server URL
  - LICENSEPATH: Path to your RMS license

# Recast Agent Gateway

- SERVERNAME
  - IISPORT
  - RCTENTERPRISESERVER: RMS server URL
  - o CERTIFICATETYPE: Certificate is self-signed by default, may require adjustment for silent installers
  - SELECTEDCERTIFICATE

## Recast Proxy

- SERVICEACCOUNTDOMAIN
  - SERVICEACCOUNTUSERNAME
  - SERVICEACCOUNTPASSWORD
  - PROXYDOMAIN
  - CONFIGMGRSMSPROVIDER
  - CONFIGMGRSITECODE
  - CONFIGMGRSQLSERVER
  - CONFIGMGRSQLDATABASE



- MBAMADMINURI
- MBAMSQLSERVER
- MBAMCOMPLIANCESTATUSDB
- MBAMRECOVERYHARDWAREDB
- RCTENTERPRISESERVER
- PROXYLOGONUSER
- LICENSEPATH