

User Guide

Document Application

Document Version

Document Release

Snow Recognition Database

2.0

07-06-2020

1 Introduction

Snow Recognition Database is an application that allows you to link directly into the SnowLicenseManager and SnowInventory database to view the applications recognised as part of the Snow Recognition Service as well as applications that aren't recognised by the Snow Recognition Service but are present in the database.

2 What is the purpose?

As of 24-05-2020, the Snow Management and Configuration Center is still unoptimized and slow to handle large amounts of data coming in from the unrecognised software table, as well as struggling to load the SRS database due to unoptimized code. This application aims to make it easier to access the data quicker, as well as allowing users to export the data where required to share with internal teams.

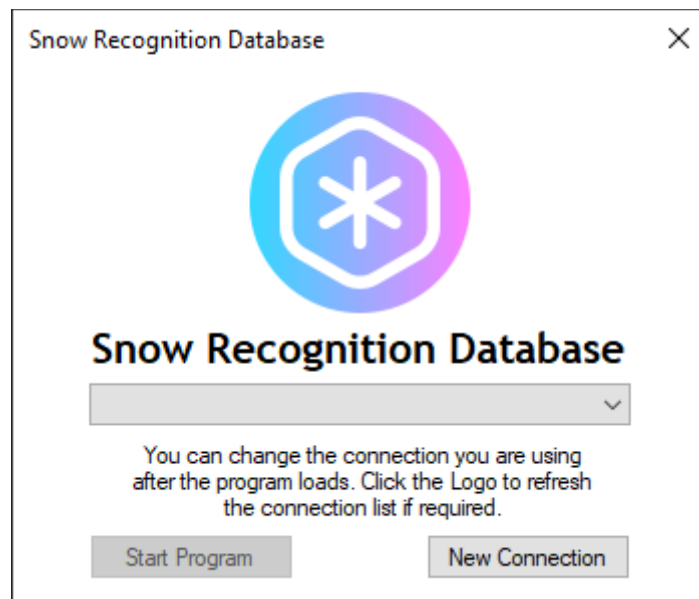
3 What are the System Requirements?

The below table is the minimum requirements for this tool to work successfully within your environment.

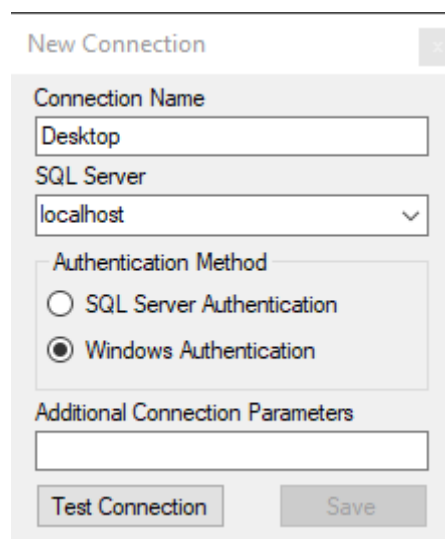
Component	Requirement
Operating System	Windows 10 or higher Windows Server 2012 R2 or higher
Memory (RAM)	2GB
Storage	500MB
Applications	Snow License Manager 8.3 Snow Inventory Server 5.3 Microsoft SQL Server 2012 or higher .NET Framework 4.5.2
SQL Server Permissions	Read-only to SnowInventory and SnowLicenseManager database

4 How do I use it?

When you first open the application, you will be presented with a welcome screen, asking you to start the program or create a new connection.

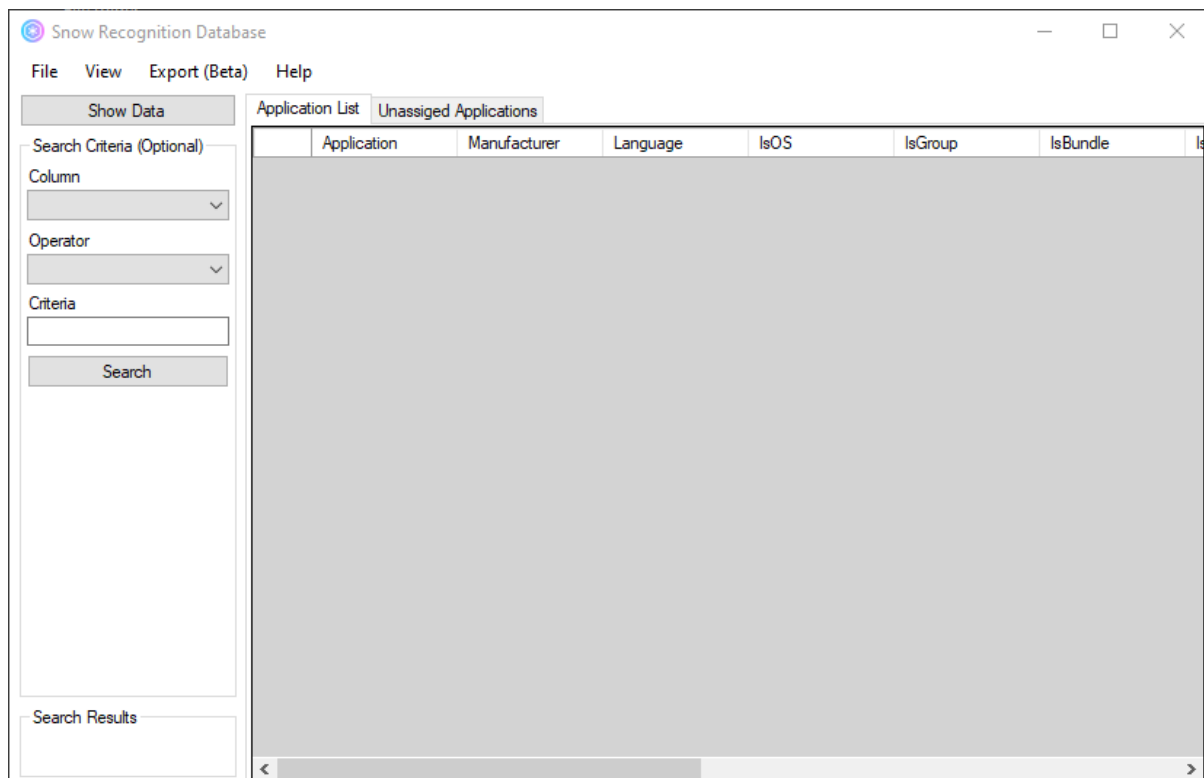


Click the “*New Connection*” button and fill out the details for your database connection. Once you have filled out the details, click “*Test Connection*”, if the connection is successful you will be able to save the connection where you will then be taken back to the original screen.

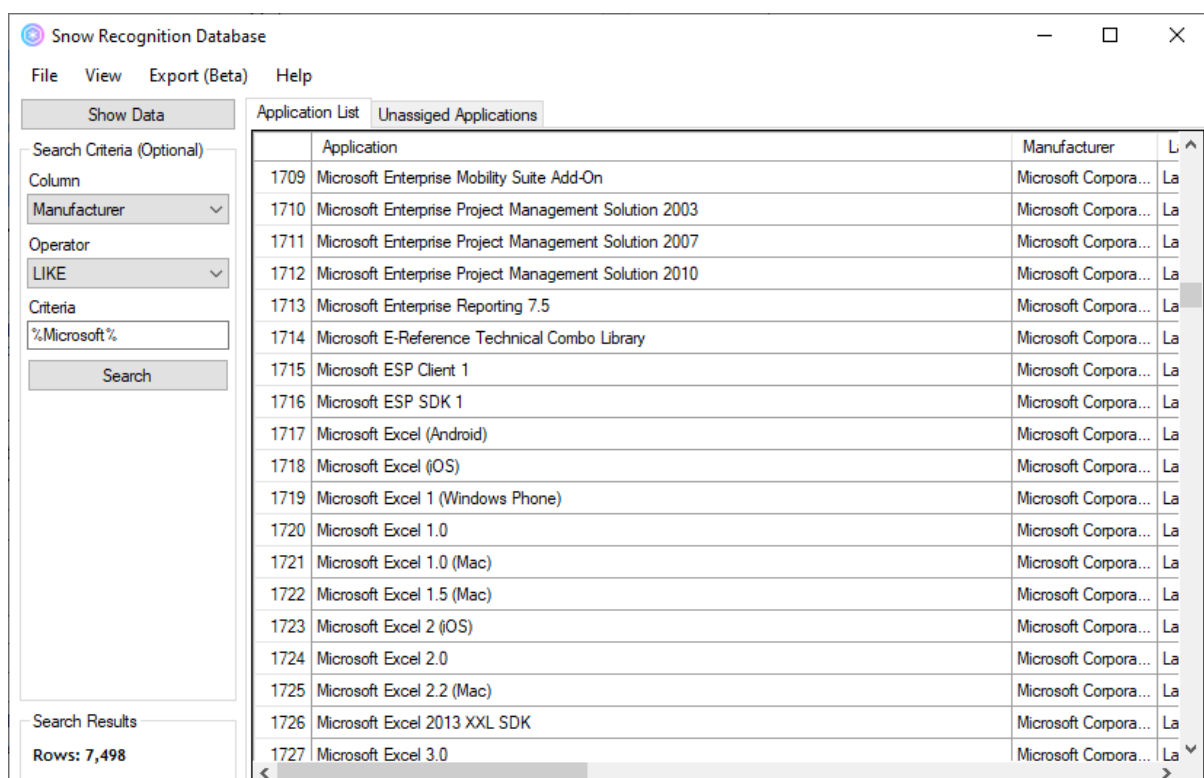
A screenshot of the 'New Connection' dialog box. The dialog box has a title bar with the text 'New Connection' and a close button (X). Inside the dialog box, there are several fields and buttons. At the top, there is a text input field labeled 'Connection Name' with the text 'Desktop' entered. Below this is a dropdown menu labeled 'SQL Server' with 'localhost' selected. Underneath the dropdown is a section titled 'Authentication Method' with two radio buttons: 'SQL Server Authentication' (unselected) and 'Windows Authentication' (selected). Below the radio buttons is a text input field labeled 'Additional Connection Parameters'. At the bottom of the dialog box, there are two buttons: 'Test Connection' and 'Save'.

4.1 Snow Recognition Service Database

Once in the main program, you will be presented with the below screen. This allows you to search the Snow Recognition Service applications that are available in the database.



You have the option to pull all SRS Applications or filter down based on Name, Manufacturer, Family etc. In the below screenshot I have filtered down to all applications in the database marked as Microsoft.



If you want to export the list of applications from the database, click on **Export > Export as {Type}** and this will export the data to either .xlsx or csv to the export directory in the main root of the application directory.

Once you have found the application you are looking for you can click anywhere on the application row and it will show you the rules available for that application.

The screenshot shows the 'Snow Recognition Database' application window. It has a menu bar with 'File', 'View', 'Export (Beta)', and 'Help'. Below the menu is a 'Show Data' button and two tabs: 'Application List' and 'Unassigned Applications'. The 'Application List' tab is active, displaying a table of applications. The table has columns for 'Application' and 'Manufacturer'. The application 'Microsoft SkyDrive 2013 Pro' is selected. Below the application list, there is a table of rules. The table has columns for 'RuleName', 'NameDefinition', 'ManufacturerDefinit', 'LanguageDefinition', 'VersionDefinition', and 'ExecutableDefinitio'. The rule 'Rule 1' is selected. The 'Search Results' section at the bottom left shows 'Rows: 7,498'.

Application	Manufacturer
3840 Microsoft Site Server 3.0 Commerce	Microsoft Corpora...
3841 Microsoft Site Server 3.0 Commerce DAL	Microsoft Corpora...
3842 Microsoft Site Server 3.0 Internet Connector	Microsoft Corpora...
3843 Microsoft SkyDrive 16	Microsoft Corpora...
3844 Microsoft SkyDrive 16 (Mac)	Microsoft Corpora...
3845 Microsoft SkyDrive 17 (Mac)	Microsoft Corpora...
3846 Microsoft SkyDrive 17 (Windows Phone)	Microsoft Corpora...
3847 Microsoft SkyDrive 2013 Pro	Microsoft Corpora...
3848 Microsoft SkyDrive 2013 Pro Preview	Microsoft Corpora...
3849 Microsoft SkyDrive 2016 (Windows Phone)	Microsoft Corpora...
3850 Microsoft SkyDrive 6	Microsoft Corpora...
3851 Microsoft Skype (Windows Apps)	Microsoft Corpora...

RuleName	NameDefinition	ManufacturerDefinit	LanguageDefinition	VersionDefinition	ExecutableDefinitio
1 Rule 1	microsoft skydriv...	%	%	15[.J%]	skydrive pro 201...
2 Rule 03	microsoft skydriv...	microsoft%	%	15[.J0]	%
3 Rule 2	microsoft skydriv...	%	%	15[.J%]	groove.exe

4.2 Unassigned Software Database

The Snow Inventory Agent installed on devices pulls all application data on the machine, not all of these applications are in the Snow Recognition Service Database and are available in the SnowLicenseManager database as “unrecognized” or “unassigned” applications. To access the Unassigned Software from the application, click on **Unassigned Applications**.

	Name	Manufacturer	Language	Version	OSType	Executable
531	WebEx Productiv...	Cisco WebEx LLC	English (United S...	3909,0,1910,2200	0	webexaplaunch...
532	Internet Explorer	Microsoft	English (United S...	8.00	0	iexplore.exe
533	atshell	Cisco WebEx LLC	English (United S...	3905,0000,1905,...	0	atshell.exe
534	Microsoft Visual ...	Microsoft Corpora...	English (United S...	16.0	0	vslauncher.exe
535	WarrantyObjectC...	HP Inc.	Language Neutral	1.26	0	warrantyobjectch...
536	HPPSDrDownloa...	HP	English (United S...	1.0	0	psdrlauncher.exe
537	Microsoft Outlook	Microsoft Corpora...	Language Neutral	16.0	0	outlook.exe
538	Office 16, Office1...	Microsoft	(n/a)	LicInfo	0	
539	pldd.exe	(n/a)	(n/a)	(n/a)	0	pldd.exe
540	Symantec AntiVirus	Symantec	English (United S...	10.1	0	vp trays.exe
541	tig.exe	(n/a)	(n/a)	(n/a)	0	tig.exe
542	true.exe	(n/a)	(n/a)	(n/a)	0	true.exe
543	Microsoft SQL Se...	Microsoft Corpora...	English (United S...	11.4	0	
544	Git for Windows	The Git Develop...	English (United S...	2.21	0	git-sh+18n-envsu...
545	Git for Windows	The Git Develop...	English (United S...	2.21	0	git-read-tree.exe
546	ssmsmin.exe	Microsoft Corpora...	Language Neutral	15.0	0	ssmsmin.exe
547	Git for Windows	The Git Develop...	English (United S...	2.21	0	git-mailsplit.exe
548	GPLed iconv for ...	Free Software Fo...	English (United S...	1.15	0	iconv.exe
549	pinkv.exe	(n/a)	(n/a)	(n/a)	0	pinkv.exe

The Unassigned Applications view does not work on multitenant platforms as it does not let you drill down to a specific customer, meaning if you pull the report it will pull all unrecognized applications for the entire environment. This will be fixed in a later version.

When in the Unassigned Applications view, if you double click on an Application Name it will show you all devices that have that application installed based on executable path.

	ComputerName	AppName	AppVersion	AppManufacturer	AppIsOs	SwName	SwMe
▶	COMPUTER160	Internet Explorer	6.1	Microsoft	<input type="checkbox"/>	Internet Explorer	Micros
	COMPUTER167	Internet Explorer	6.1	Microsoft	<input type="checkbox"/>	Internet Explorer	Micros
	COMPUTER171	Internet Explorer	6.1	Microsoft	<input type="checkbox"/>	Internet Explorer	Micros
	COMPUTER173	Internet Explorer	6.1	Microsoft	<input type="checkbox"/>	Internet Explorer	Micros
	COMPUTER184	Internet Explorer	6.1	Microsoft	<input type="checkbox"/>	Internet Explorer	Micros
	COMPUTER174	Internet Explorer	9.0	Microsoft	<input type="checkbox"/>	Internet Explorer	Micros
	COMPUTER180	Internet Explorer	9.0	Microsoft	<input type="checkbox"/>	Internet Explorer	Micros
	COMPUTER94	Internet Explorer	9.0	Microsoft	<input type="checkbox"/>	Internet Explorer	Micros
	COMPUTER111	Internet Explorer	9.0	Microsoft	<input type="checkbox"/>	Internet Explorer	Micros
	COMPUTER118	Internet Explorer	9.0	Microsoft	<input type="checkbox"/>	Internet Explorer	Micros
	COMPUTER157	Internet Explorer	9.0	Microsoft	<input type="checkbox"/>	Internet Explorer	Micros
	COMPUTER161	Internet Explorer	9.0	Microsoft	<input type="checkbox"/>	Internet Explorer	Micros

Export as XLSX Export as CSV

5 Known Limitations

The below is a list of known limitations / issues in this version.

- When exporting data that has had columns removed via the column selector, the removed columns will still appear in the export.
- Unable to search per customer in Unassigned Applications.