

# Security Removable Media Manager

# **Excel AddIn**

Version 9.11.26.0 (January 2024) Protect your valuable data

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If you have any questions regarding your potential use of this material, contact:

Squadra Technologies, LLC 7575 West Washington Ave Suite 127-252 Las Vegas, NV 89128 USA www.squadratechnologies.com email: info@squadratechnologies.com

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Squadra Technologies Excel AddIn Administrator Guide Created - August 2011

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# Introduction

The secRMM Excel AddIn is a "Microsoft Office Excel Document AddIn". It works with all versions of Office from Office 2010 or better. Using Excel against the secRMM event log data makes it easy to analyze the data interactively and to create reports. The secRMM Excel AddIn can be used to view the secRMM event log data for just a single computer or for all the systems running the secRMM solution (i.e. secRMMCentral) in your environment.

The "Microsoft Office Excel Document AddIn" technology is provided by Microsoft to allow their Office suite to be customized to meet a specific task. It is a very powerful Microsoft technology. If you follow the steps in this document, it should take no more than 20 minutes to be up and running.

Please follow the steps in the next section to begin the installation.

# Installation

If you have not already done so, please install Excel 2010 or better.

# **Prerequisites**

The following Windows feature must be installed:

1. Microsoft .NET Framework 3.5

If you are running in an air-gapped/SCIF environment and therefore have a Windows installation CD/DVD, please follow the instructions at: <u>https://learn.microsoft.com/en-us/windows-hardware/manufacture/desktop/deploy-net-framework-35-by-using-deployment-image-servicing-and-management--dism?view=windows-11 and follow the section titled 'Using DISM with no Internet connectivity'</u>

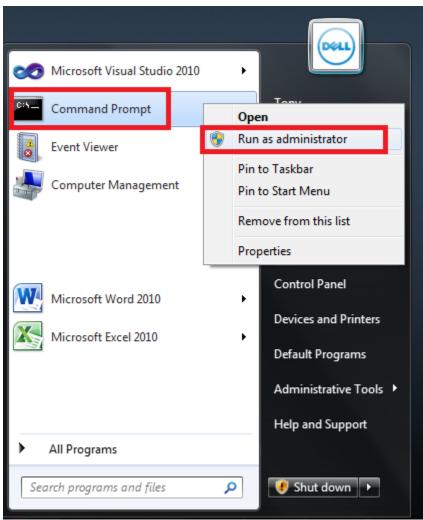
The following 2 Excel features must be installed in addition to the base Excel product:

- 1. ".Net programmability support" and
- 2. "Visual Basic for Applications"

**Note:** ".Net programmability support" is a default feature so if it is not installed, you should check with your security department as to why it has been disabled intentionally before you enable it. **Note:** "Visual Basic for Applications" is not used by the secRMM Excel AddIn, however, it is required by the Excel AddIn Framework.

# Start Excel in Administrator Mode

Whenever you want to use the secRMM Excel AddIn, you must start Excel using "Run As Administrator" mode. The easiest way to do this is to execute a "Command Prompt" session using "Run As administrator". To get the "Run as administrator" option displayed, right mouse click on the "Command Prompt" menu item.



1 - Invoke the "Command Prompt" in "Run as administrator" mode

From the "Administrator: Command Prompt", run EXCEL.EXE.

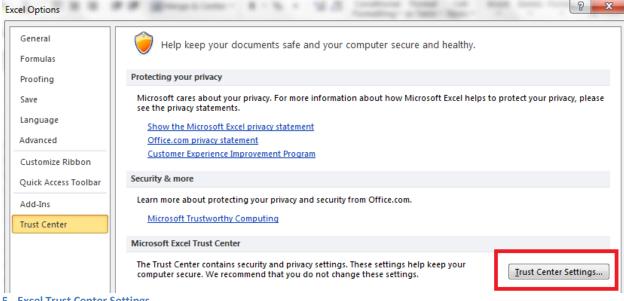


Once Excel is open, perform the following steps below. You only need to perform these steps one time. In other words, when you close Excel and then open it again, the settings you set in the steps below will be set.

# Set Excel security settings

X	From the "Excel File" menu, select "Options".
File Home I	
🛃 Save	
🔜 Save As	
🚰 Open	
Close	
Info	
Recent	
New	
Print	
Save & Send	
Help	
Doptions	
🔀 Exit	
3 - Excel Options	

Excel Options	From the "Excel Options" menu, select "Trust Center".
General	
Formulas	
Proofing	
Save	
Language	
Advanced	
Customize Ribbon	
Quick Access Toolbar	
Add-Ins	
Trust Center	
4 - Excel Trust Center	
	l



**5 - Excel Trust Center Settings** 

Click the "Trust Center Settings..." button in the lower right hand corner of the "Excel Options" window.

## **Excel Trusted Locations**

Trust Center	From the "Trust Center" Options menu, select "Trusted Locations".
Trusted Publishers	
Trusted Locations	
Trusted Documents	
Add-ins	
ActiveX Settings	
Macro Settings	
Protected View	
Message Bar	
External Content	
File Block Settings	
Privacy Options	
6 - Excel Trusted Locations	

ust Center			<u>୧</u> 🗾
Trusted Publishers	Trusted Locations		
Trusted Locations	Warning: All these locations are treated as trusted	sources for opening files. If you change or add a lo	cation make sure
Trusted Documents	that the new location is secure.	sources for opening mes. If you change of add a to	cation, make sure
	Path	Description	Date Modified 🔻
Add-ins	User Locations		
ActiveX Settings	D:\\secRMM\testing\secRMMClickOnceTesting\		8/26/2011 4:09 PM
	C:\ony\AppData\Roaming\Microsoft\Templates\	Excel 2010 default location: User Templates	
Macro Settings	C:\iles (x86)\Microsoft Office\Office14\XLSTART\	Excel 2010 default location: Excel StartUp	
	C:\AppData\Roaming\Microsoft\Excel\XLSTART\	Excel 2010 default location: User StartUp	
Protected View	C:\Program Files (x86)\Microsoft Office\Templates\	Excel 2010 default location: Application Templat	
Message Bar	C:\iles (x86)\Microsoft Office\Office14\STARTUP\	Excel 2010 default location: Office StartUp	
message bai	C:\ Files (x86)\Microsoft Office\Office14\Library\	Excel 2010 default location: Add-ins	
External Content	Policy Locations		
File Block Settings			
Privacy Options			
	Path: D:\Projects\Squadra\secRMM\te	esting\secRMMClickOnceTesting\	
	Description:	stang (sectamentation ceresting (	
	Description.		
	Date Modified: 8/26/2011 4:09 PM		
	Sub Folders: Disallowed		
		Add new location <u>R</u> emov	e <u>M</u> odify
	Allow Trusted Locations on my network (not rec	ommended)	
	Disable all Trusted Locations		
			K Cancel
			Cancel

7 - Excel Trusted Locations dialog

You have to save the excel file for secRMM (named secRMMExcelWorkBook.xslx) to one of the paths in the "Trusted Locations" list. So you can either add a new path (by clicking the "Add new location..." button) to the trusted locations list or just use one of the existing trusted locations paths already in the trusted locations list. Remember the path you chose in this step because when you download the secRMMExcelWorkbook.xslx Excel file from the Squadra Technologies web site (performed in a step below), you will want to save it to the path you chose in this step.

One very important decision about selecting the "Trusted Locations" path for the secRMMExcelWorkBook.xslx is integration with the secRMM Microsoft Management Console (MMC). If you add your "Trusted Locations" path as the AdminUtils subdirectory of secRMM (if you installed secRMM to the default directory, this will be C:\Program Files\secRMM), then you can directly launch the Excel (and the secRMM Excel AddIn) right from within the secRMM MMC. Therefore, you will add C:\Program Files\secRMM\AdminUtils to the Excel "Trusted Locations". This is shown in the screenshot below.

File Action View Help			
🖻 🔿 🔁 📊 👔 🖬			
Computer Management (Local	Computer Configuration		Actions
<ul> <li>System Tools</li> <li>Task Scheduler</li> <li>Event Viewer</li> <li>secRMM</li> <li>Shared Folders</li> <li>Focal Users and Groups</li> <li>Performance</li> <li>Device Manager</li> <li>Storage</li> <li>Disk Management</li> <li>Services and Applications</li> </ul>	Name         Allow BitLockerOnly         AllowedDirectories         AllowedFileExtensions         AllowedFileExtensions         AllowedInternallds         AllowedPrograms         AllowedSerialNumbers         AllowedSerialNumbers         AllowedUsers         BlockCDROMAndDVDWrites         BlockOfficeMacrosOnDevice         BlockProgramsOnDevice         EnableRMS         FailWriteIfSourceFileUnknown         HashAlgorithm         InstallDateTime         LogSecurityEventsAsFailures         LogWriteDetails         MonitorCDROMAndDVD         MonitorFloppyDrive         PreApproveSafeCopy         RequireSmattPhoneLogin	Value Value on on 01/03/2017 10:18:52 on on	secRMM · SafeCopy Approver SecRMM Excel AddIn Device Tracker SecRMM License SecRMM Configurations View View Help
	ScanDevice SCCMConnection SendEmail SNMP	SCCMR2	
	Syslog Version	9.5.0.0	

Figure 8 - Integrating the secRMM Excel AddIn into the MMC Console

# **Excel Macro Settings**

Trust Center	From the "Trust Center" Options menu, select "Macro Settings".
Trusted Publishers	
Trusted Locations	
Trusted Documents	
Add-ins	
ActiveX Settings	
Macro Settings	
Protected View	
Message Bar	
External Content	
File Block Settings	
Privacy Options	
9 - Excel Trust Center Macro	
Settings	

#### **Trust Center**

	Macro Settings
rusted Locations	Disable all macros without notification
rusted Documents	Disable all macros with notification
dd-ins	Disable all macros except digitally signed macros
ctiveX Settings	Enable all macros (not recommended; potentially dangerous code can run)
lacro Settings	Developer Macro Settings
rotected View	Trust access to the <u>VBA</u> project object model
lessage Bar	
xternal Content	
ile Block Settings	
rivacy Options	

10 - Excel Trust Center Macro Settings dialog

You have to check "Trust access to the <u>V</u>BA project object model" last checkbox on "Macro Settings" tab. The secRMM Excel AddIn does not use VBA Macros but the Excel AddIn Framework does.

Once you have performed the steps above, exit Excel (this will save the changes you just made). Now start Excel again in Administrator mode to perform the steps in the next sections.

# Download the xlsx file from the Squadra Technologies web site

Now go to the Squadra Technologies web page <u>http://www.squadratechnologies.com/Products/secRMM/secRMMDownloads.aspx.</u>

On this web page, please fill in your email and click submit. You will be redirected to the download page. On this page, please click the "Additional optional downloads". On that page, click the "secRMMExcelAddIn" link. You will now be on the secRMM Excel AddIn download page. Download the Excel Workbook into the path you specified in the "Excel Trusted Locations" section above.

Item	Download link
Excel 2010 secRMM Workbook	secRMMExcelWorkbook.xlsx
Administrators Guide	secRMMExcelAddInAdministratorGuide.pdf left click to view online right click and then "Save As" to download

Please select a link(s) from the list below.

#### 11 - secRMM Excel AddIn web site download page

## **Opening secRMMExcelWorkbook.xlsx for the first time**

When you open the secRMMExcelWorkbook.xlsx for the first time, the Excel program will need to install the Microsoft Office Excel AddIns.

Microsoft Office Excel AddIns use the following Windows components:

- 1. Microsoft .NET Framework 4.5 (x86 and x64)
- 2. Microsoft Visual Studio Tools for Office Runtime (x86 and x64)

You will see the following screenshots below. Don't worry if one of the screenshots is not shown for your installation, this means that the Windows component is already installed on your computer.

🐞 secRMMExcelWorkbook Setup	×
For the following components:	
Microsoft .NET Framework 4 Client Profile (x86 and x64)	
I Please read the following license agreement. Press the page down key see the rest of the agreement.	/ to
MICROSOFT SOFTWARE SUPPLEMENTAL LICENSE TERMS	
MICROSOFT .NET FRAMEWORK 4 FOR MICROSOFT WINDOWS OPFRATING	•
View EULA for printing	
Do you accept the terms of the pending License Agreemer	nt?
If you choose Don't Accept, install will close. To install you must accep this agreement.	ot
Accept Don't Accept	

12 - Installing Microsoft .NET Framework 4 Client Profile (x86 and x64)

🗱 secRMMExcelWorkbook Setup		
For the following components:		
Microsoft Visual Studio 2010 Tools for Office Runtime (x86 and x64)		
Please read the following license agreement. Press the page down key to see the rest of the agreement.		
MICROSOFT SOFTWARE LICENSE		
MICROSOFT VISUAL STUDIO TOOLS FOR THE MICROSOFT OFFICE SYSTEM (VERSION 4.0 RUNTIME)		
View EULA for printing		
Do you accept the terms of the pending License Agreement?		
If you choose Don't Accept, install will close. To install you must accept this agreement.		
<u>A</u> ccept <u>D</u> on't Accept		

13 - Installing Microsoft Visual Studio Tools for Office Runtime (x86 and x64)

🐞 secRMMExcelWorkbook Setup	×
Setup must reboot before proceeding.	
Choose "Yes' to reboot now or "No' to manually reboot later.	
Details >>     Yes     No	

14 - Reboot dialog if no .NET 3.5 found

If you get this window, reboot the computer by clicking the Yes button.

Open File - Security Warning
Do you want to run this file?
Name:       setup.exe         Publisher:       Squadra Technologies         Type:       Application         From:       C:\DOCUME~1\ADMINI~1\LOCALS~1\Temp\VSDA
<u>B</u> un <u>Cancel</u> ✓ Al <u>w</u> ays ask before opening this file
While files from the Internet can be useful, this file type can potentially harm your computer. Only run software from publishers you trust. What's the risk?

15 - Restarting install after reboot

Microsoft Office	Customization Installer
	e customization s could take several minutes.
Name: From:	<u>secRMM ExcelWorkbook</u> http://www.squadratechnologies.com/StaticContent/ProductDownload/Exc el/2010/secRMMExcelWorkbook.vsto
Retrievi	ng Office customization information

16 - Download from web site

Microsoft Office Cu	stomization Installer
Publisher has been	verified 💦
Are you sure you war	at to install this customization?
Name:	secRMM ExcelWorkbook
From:	http://www.squadratechnologies.com/StaticContent/ProductDownload /Excel/2010/secRMMExcelWorkbook.vsto
Publisher:	Squadra Technologies
	customizations from the Internet can be useful, they can potentially omputer. If you do not trust the source, do not install this software. <u>More</u>
	<u>I</u> nstall <u>D</u> on't Install

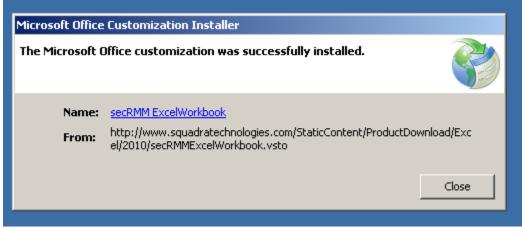
19 - Starting Microsoft Office Customization Installer

Microsoft Office	Customization Installer
-	e customization s could take several minutes.
Name: From:	<u>secRMM ExcelWorkbook</u> http://www.squadratechnologies.com/StaticContent/ProductDownload/Exc el/2010/secRMMExcelWorkbook.vsto
Downloa	ding customization files (0.33 of 0.33 MB)

17 - Downloading from web site

👸 secRM	MExcelWorkbook Setup	x
6	Installing Microsoft Visual Studio 2010 Tools for Office Runtime (x86 and x64)	
-		-
	Cancel	

18 - Installation progress bar



19 - Successful installation message

Initializing secRMMExcelWorkbook.xlsx

If the secRMMExcelWorkbook.xlsx opens in "Protected View", please click the "Enable Editing" button.

Action	n Edit CE	) Floppy	Help												
🗶   🔓	5-0-			se	ecRMMExcelW	orkbook.xl	sx [Protected )	View] - Micr	osoft Excel r	non-commerci	al use			_	- @ X3
File	Home	Inse	rt Page	Layout	Formulas	Data	Review \	/iew						∞ 🕜 🗆	ē X3
Û	Protected Vi	ew This	file originat	ed from an I	Internet locati	on and mig	jht be unsafe.	Click for mo	ore details.	Enable Ed	iting				×
	A1	•	6	$f_{x}$											¥
	А	В	С	D	E	F	G	Н	I.	J	К	L	М	N	
1															
2															
3															
20 - E	Enable Ec	liting v	vithin Ex	cel											

The secRMMExcelWorkbook will now initialize. Once the secRMMExcelWorkbook completes its initialization, row 2 of the active Worksheet will have the secRMM header and the secRMM Ribbon (toolbar) will be displayed above the Worksheet area. You are now ready to begin using the

secRMMExcelWorkbook. Please continue on to the section below titled "Using the secRMM Excel AddIn". If you do not see the secRMM header in row 1 of the active Worksheet and/or you do not see the secRMM Ribbon, please review the Troubleshooting section directly below.

AutoSave 💽 Off								An	ithony LaMark 🛛 🖪		
File Home	Insert Page Layout Form	nulas Data Review	View Developer secRMM H	Help Team 🔎	> Tell me what you want	to do			£ 5	Share	Comments
✓ secRMM	SCCM Status Messages	√ Get existing data	봂 Get existing data - multiple - ④ Charts	Authorization	Event types:			Detail level	() About		
secRMMCentral	Connect to another computer	🙀 Get existing data filtered	Receive new events		I All W	rites	Administration	Simple	(?) Help		
Archive Archive		🞸 Clear Worksheet	Freeze		Online/Offline W	rite Authorization failures	SafeCopy	✓ Detailed			
Data source	e (event log and computer)		Control	Administration		Filter			secRMM Excel Addir	n	^
A3 * :	× ✓ fx										~
A3 • :		G H	I J K	L M	N	0	P Q	R	S	Т	V A
A B		G H	I J K	L M	N	0	P Q	R	S	т	U

21 - secRMM Excel Workbook initialized

# Install secRMM Excel Addin without using ClickOnce (i.e. over the Internet)

Starting with release 9.11.15.0 (April 2023), you can now download a standalone installation of the secRMM Excel Addin. This is for computers that do not have an internet connection or environments that do not allow the Microsoft ClickOnce technology. Please download the secRMMExcelAddIn.zip (note that the zip file name contains the version number in it) as shown in the screenshot below.

P Overview	Excel Addl	
P Download		gives you an additional tool to view Removable to the Windows security event log. The secRMM
P Documentation		inalyzing the data interactively and also for
▶ Video	generating reports.	under with a closele coorDABA supply for and with
P Blogs		works with a single secRMM event log and with a central repository of all the secRMM events
P Screenshots	from all systems) Getting started is easy. S	imply download the files below and then follow
P Features		Excel Addin Administrator Guide (the 2nd link
P Release Notes	below).	
P Pricing	Please select a link(s) fro	m the list below
	Item	Download link
$\cap$	Excel secRMM Workbook	secRMMExcelWorkbook xisx
- I	Excel secRMM Addin (standalone install)	secRMMExcelAddin_9_11_15_0.zip
	Administrators Guide	secRMMExcelAddinAdministratorGuide.pdf left click to view online right click and then "Save As" to download

# Troubleshooting

Use the installed programs list to ensure the following are in the list.

🐻 Microsoft Visual Studio 2010 Tools for Office Runtime (x64)	Microsoft Corporation	6/30/2011	10.0.31117
Microsoft Office 2010 Primary Interop Assemblies	Microsoft Corporation	8/26/2011	6.72 MB 14.0.4763.1024
Microsoft .NET Framework 4 Client Profile	Microsoft Corporation	2/11/2011	38.8 MB 4.0.30319
secRMM ExcelWorkbook	Squadra Technologies	8/26/2011	1.0.0.0

22 - Installed components

X	<b>-</b> 17 - (	<sup>3</sup> ∼ [∓			secRMI	MExcelWorkb	ook.xlsx -	Microsoft
File	e Ho	me Inse	rt Page	Layout F	ormulas	Data P	Review	View
	<u>ل</u> لل	Calibri	* 11	· A A	= =	<u> </u>		General
						<u> </u>	_	\$ - %
Paste	e 🛷	BIU	*	<u>⊘</u> - <u>A</u> -			+ <b>a</b> + ▼	00. 0. <b>∻</b> 00. ♦ 00.
Clipbo	oard 🕞		Font	L	i A	lignment	E.	Number
	A1		. (=	f <sub>x</sub>				
	А	В	С	D	E	F	G	Н
1	Microsof	t Office Dor	ument Cust	omization				×
2	T IICI 0301	re office bot	.umene euse	onneucion				
3				ion cannot be led: secRMMB			ble version	
4								
5	For more	e information,	see http://go.	.microsoft.com	/fwlink/?Link	ld=135965.		
6	De	etails				[	OK	
7						3		
8								
23 - Mi	ssing .NET I	Framework 4	.5					

If you receive the message above, you need to install the .Net 4.5 Framework.

File	H	ome	Insert	Page	Layout	F	ormulas	Data	Revi	iew	View		۵	🕜 🗆 é	P 23
-	x	Calibri		11	- =	=		General		A	🖥 Insert 🔹	Σ-	A	4	
Paste	· •	BI	<u>U</u> ~	A A		=	≡ ⊡-	\$ - %	,	Styles	Delete *	-	Sort &	Find &	
lipbo	ard 12	H •	Font	A -	M	icroso	ft Office D	ocument Cu	istor	mization	3			×	
1	A1 A	В		С	1	you car	n save and		locat	tion on yo	ur computer. Fo				
		В		С	1	you car	n save and	open it from a	locat	tion on yo	ur computer. Fo				E
		В		с	1	you car	n save and		locat	tion on yo	ur computer. Fo				
2		В		С	1	you car http://g	n save and	open it from a	locat	tion on yo	ur computer. Fo				
2		В		С	1	you car http://g	n save and 30.microsoft	open it from a	locat	tion on yo	ur computer. Fo		formation		
2		В		С	1	you car http://g	n save and 30.microsoft	open it from a	locat	tion on yo	ur computer. Fo		formation		
L C 2 3 1		В		С	1	you car http://g	n save and 30.microsoft	open it from a	locat	tion on yo	ur computer. Fo		formation		
1 2 3 4 5 6		В		С	1	you car http://g	n save and 30.microsoft	open it from a	locat	tion on yo	ur computer. Fo		formation		

24 - Missing entry in the Excel Trust locations

If you receive the message above, you have not added the path where the Excel file secRMMExcelWorkbook.xlsx is to the Excel Trust locations.

	17 - 0	₩ +   <del>-</del>		secRM	IMExc	elWor	kbook.xlsx	- Microsoft I	Excel				-	
File	Hor	me	Insert	Page	Layou	t	Formulas	Data	Revi	iew	View			۵ 🕜
Paste		B I	• <u>U</u> •   Aa - A	11 ·		-			•	A Styles	B™ Insert + B¥ Delete +	Σ · A Z Sor	7 👬	
lipboa		helded .	Font		P	licros	oft Office I	Document C	ustor	mizatior	)		×	
4	A1 A	В	• (*	с	f.	Sheel and o	t1. Data that ther custom	relies on this o	contro ill not	l will not be availa	because the folio be automatically o able. Contact your	fisplayed or u	pdated,	
2							<u>D</u> etails	l					0K	
l L					-	3			1		1			-
5														
6														

#### 25 - Missing "Trust access to the VBA project object mode" Excel security setting

If you receive the message above, you have not enabled the "Trust access to the <u>VBA</u> project object model" Excel security setting.

# Uninstalling

If you need or want to uninstall the secRMM Excel AddIn, you can do so from the Control Panel->Add/Remove Programs as shown below.

🕒 🗢 🚾 🕨 Control Panel 🕨	Programs   Programs and Features
Control Panel Home	Uninstall or change a program
View installed updates	To uninstall a program, select it from the list and then c
🛞 Turn Windows features on or	
off	Organize 🔻 Uninstall
Install a program from the network	Name
	Adobe Reader XI (11.0.01)
	Microsoft .NET Framework 4 Client Profile
	Canal Standard 2010
	Microsoft Visual C++ 2008 Redistributable - x64 9.0.3
	Microsoft Visual C++ 2008 Redistributable - x64 9.0.3
	Microsoft Visual C++ 2008 Redistributable - x86 9.0.3
	Microsoft Visual C++ 2008 Redistributable - x86 9.0.3
	secRMM ExcelWorkbook
	secKIVIIVIxb4
Figure 26 Uninctall	

**Figure 26 Uninstall** 

If you later decide to reinstall, you will first need to clear the Microsoft Office AddIn cache. To clear the Microsoft Office AddIn cache, open a CMD window in Administrator mode and type: **rundll32 dfshim CleanOnlineAppCache**. Now perform a fresh install.

# Using the secRMM Excel AddIn

# **Security considerations**

The secRMM Excel AddIn populates the worksheet by reading the data out of the secRMM or secRMMCentral event log. This is important to remember because only Administrators are allowed to read this data. Therefore, you must always start Excel under "Run As Administrator" mode and your Windows userid must be in the Administrators group on the computer where the secRMM event log resides. Failure to do this will prevent access to the secRMM and/or secRMMCentral event logs. While this may seem inconvenient, it prevents non-Administrator users from accessing the secRMM events.

# secRMM Excel AddIn Ribbon (toolbar)

secRMM	SCCM Status Messages  Azure Log  Connect to another computer	Get existing data Get existing data filtered Clear Worksheet	E Get existing data - multiple  Charts Carts Receive new events Freeze	Authorization	IIA 🗹	Writes Write Authorization failures	Administration	Detail level Simple	(i) About ⑦ Help
Data source (event log and computer)			Control	Administration		Filter			secRMM Excel Addin

27 - secRMM Ribbon

This section will describe the features available in the secRMM Ribbon. The secRMM Ribbon contains all of the additional functionality provided by the secRMM Excel AddIn. In addition, you have access to all of the functionality provided by Excel (filtering, searching, reporting, etc.).

The functionality provided by the secRMM Ribbon is divided into 4 major groups:

- 1. Data source
- 2. Control
- 3. Administration
- 4. Filter

Each group is described in the sections below.

## Data source

✓ secRMM	SCCM Status Messages				
secRMMCentral	Azure Log				
Archive	$\mathbf{\Box}$ Connect to another computer				
Data source (event log and computer)					

28 - secRMM Ribbon Data source group

The secRMM Ribbon Data source group allows you to view secRMM event data for a single computer (secRMM event log) or to view secRMM event data for multiple computers (secRMMCentral event log). Viewing secRMM event data for multiple computers means that you are viewing data from the secRMMCentral event log. The secRMMCentral event log contains secRMM events from multiple computers running the secRMM product. For details on secRMMCentral, please download the secRMMCentral Administrator Guide from the Squadra Technologies web site. You can also view archived secRMM and/or secRMMCentral archive files.

You can also connect to Microsoft System Center Configuration Manager (SCCM) to view the secRMM "status messages".

You can also connect to your Microsoft Azure tenant to view the secRMM Azure Log Analytics data.

#### secRMM Checkbox

Checking this checkbox will make the secRMM Excel AddIn look at the secRMM event log on the computer that it is currently connected to.

## secRMMCentral Checkbox

Checking this checkbox will make the secRMM Excel AddIn look at the secRMMCentral event log on the computer that it is currently connected to.

# Archive Checkbox

Checking this checkbox will allow you to open a secRMM or secRMMCentral event log as shown below. You can select as many archive files as you want using the Ctrl-Click on each file you want or Ctrl-A to select all the evtx files in a directory.

🗶 File Open				Contract of		x
😋 🗢 🕨 « Projects 🕨	Squad	ra 🕨 Backups 🕨	<b>•</b> 4	Search Backups	;	٩
Organize 🔻 New folder				1	•	?
K Microsoft Excel		Name # secRMMEventLog_D09152011.evtx		Date modified 9/15/2011 1:57 PM	Type Event Log	
<ul> <li>★ Favorites</li> <li>■ Desktop</li> <li>▶ Downloads</li> <li>₩ Recent Places</li> </ul>	ш				j	

Figure 29 - archived event log file

## SCCM Status Messages Checkbox

Checking this checkbox will make the secRMM Excel AddIn look at the SCCM status messages for secRMM. The computer running the secRMM Excel AddIn must have secRMM installed on it and the secRMM SCCMConnection property must be configured for this option to work properly.

## Azure Log Checkbox

Checking this checkbox will make the secRMM Excel AddIn look at the Azure Log Analytics in your Azure tenant for secRMM. The computer running the secRMM Excel AddIn must have secRMM installed on it and the secRMM SendToAzureLog property must be configured for this option to work properly.

*Connect to another computer* 

🖂 Select secRMM Data	Source Computer		_ 0	23			
Select the computer yo want this Excel Worksheet to manage.							
Cocal computer: (the computer Excel is running on)							
Another computer:		Browse					
User Id:		Browse					
* Use "Do	main\UserId" OR "Computer\UserId" format if new	cessary.					
Password:							
* Leave Use	Id and Password blank to use your current User	ld.					
Test							
	OK Cancel						

**30** - secRMM Connect to another computer dialog

Use this button to connect to a computer running the secRMM product or secRMMCentral. If you connect to a remote computer, you can specify a User Id and Password if necessary. Note that for User Id, you can use NetBios notation to prefix the User Id with either a domain name or with a computer name. Once you select the computer you want to connect to, you can use the "Test" button in the lower left hand corner of the dialog to verify that the information you provided to connect to the computer is valid. The dialog that is displayed when you press the "Test" button is shown below. If the test fails, you should begin troubleshooting by first validating the information you provided. A common mistake is that the userid you specified is not an Administrator on the computer you specified. Also, check the event logs on the remote computer for security errors.

SecRMM Test Connectivity		x
Computer Name: localhost		
UserId:		
Event Log Name: secRMM		
Test read access to Event Log.		
Test read access to secRMM Properties.		
Test Results:		
Successfully read secRMM Event Log on computer localhost.		
Start test Cancel		
31 - Test connectivity for accessing secRMM event log		d.
secRMM Test Connectivity	- 0	×
secRMM Test Connectivity		X
Computer Name: w20081		×
Computer Name: w20081 UserId: w20081\Administrator		X
Computer Name: w20081		×
Computer Name: w20081 UserId: w20081\Administrator		X
Computer Name: w20081 UserId: w20081\Administrator Event Log Name: secRMM		X
Computer Name: w20081 Userld: w20081\Administrator Event Log Name: secRMM Test read access to Event Log.		X
Computer Name: w20081 UserId: w20081\Administrator Event Log Name: secRMM Test read access to Event Log. Test read access to secRMM Properties.		X
Computer Name: w20081 UserId: w20081\Administrator Event Log Name: secRMM Test read access to Event Log. Test read access to secRMM Properties. Test Results:		X
Computer Name: w20081 UserId: w20081\Administrator Event Log Name: secRMM Test read access to Event Log. Test read access to secRMM Properties. Test Results:		X
Computer Name: w20081 UserId: w20081\Administrator Event Log Name: secRMM Test read access to Event Log. Test read access to secRMM Properties. Test Results:		X
Computer Name: w20081 UserId: w20081\Administrator Event Log Name: secRMM Test read access to Event Log. Test read access to secRMM Properties. Test Results:		×
Computer Name: w20081 UserId: w20081\Administrator Event Log Name: secRMM Test read access to Event Log. Test read access to secRMM Properties. Test Results:		X
Computer Name: w20081 UserId: w20081\Administrator Event Log Name: secRMM Test read access to Event Log. Test read access to secRMM Properties. Test Results:		X

The "Test connectivity" dialog provides 2 tests. One is to read the event logs while the other is to allow you to issue authorization commands to secRMM (and to view or change other controlling properties of secRMM).

## Control

√ Get existing data	品 Get existing data - multiple 🕘 Charts
Get existing data filtered	Receive new events
🞸 Clear Worksheet	Freeze
	Control

33 - secRMM Ribbon Control group

The secRMM Ribbon Control group allows you to retrieve data from the data source you selected in the "Data source" group. You also can specify whether you want to take static snapshots of the data or allow the Excel Worksheet to receive new secRMM events in real-time ("Receive new events" checkbox). Lastly, you have a function to clear the worksheet.

## Get existing data button

Use this button to get the data from the event log you specified in the Data source group (i.e. from the secRMM or secRMMCentral event log).

## Get existing data filtered

👩 secRMM Get Exi	isting Data Using Filter	x
From:		
08/31/	2011 00:00:00	
To:		
09/01/2	2011 17:00:30	
	OK Cancel	
		н



Use this button to get a subset of the data from the event log you specified in the Data source group (i.e. from the secRMM or secRMMCentral event log). You define the subset of data by specifying a start time and end time. The data returned is between this start time and end time.

## **Clear Worksheet button**

Use this button to clear the data out of the active Worksheet.

Get existing data from multiple computers

🛃 Get data from multiple computers		23
Please specify the computer names (one computer per l	ine):	
	_	
Import OK Cancel		н

Figure 35 - Get events from multiple computers

Use this button to get the data from the secRMM event log on multiple computers. You put one computer name per line in the windows. If you have an existing list of computer names, you can use the import button.

#### **Receive new events Checkbox**

Check this checkbox if you want to receive new secRMM events into the active Worksheet.

#### Freeze button

This button acts as a toggle to freeze and unfreeze the "Receive new events" function.

## **Charts button**

This button allows you to chart the secRMM data.

## Administration



36 - secRMM Ribbon Administration group

The secRMM Ribbon Administration group lets you control the secRMM software on the computer that you are connected to in the "Data source" group. This allows you to control either the local computer you are running Excel on or another computer in your environment.

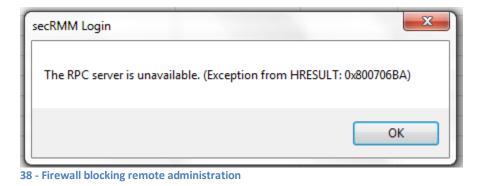
# Authorization button

The list of secRMM properties and their values are displayed. You can click the editable properties to change the value. Note that from this dialog, you can also invoke the SafeCopy Approver and Device Tracker programs. One limitation of using the Authorization dialog from within the secRMM Excel AddIn is that you can only change the secRMM computer configuration. If you want to change a secRMM user configuration, you must use the secRMM MMC. Also, since EnableRMS, SCCMConnection and SendEmail take passwords, these secRMM properties cannot be changed in the Excel AddIn.

48	SafeCopy Approver 🛛 👔 Devi	ce Tracker		
	Name	Value		
•	AllowBitLockerOnly			
	AllowedDirectories			
	AllowedFileExtensions			
	AllowedInternalIds			
	AllowedPrograms			
	AllowedSerialNumbers			
	AllowedUsers			
	BlockCDROMAndDVDWrites			
	BlockProgramsOnDevice			
	EnableRMS			
	FailWritelfSourceFileUnknown	on		
	LogSecurityEventsAsFailures			
	LogWriteDetails			
	MonitorCDROMAndDVD	on		
	MonitorFloppyDrive			
	PreApproveSafeCopy			
	RequireSmartPhoneLogin			
	ScanDevice			
	SCCMConnection			
	SNMP			
	Version	9.1.0.0		

Figure 37 - secRMM Authorization dialog

If you receive an error using the Authorization button, check the computer you are working with to ensure the firewall has been opened for remote administration. The error you will see is most likely "The RPC server is unavailable" (shown below). To resolve this error, type the following command on the computer you are working with: **Netsh firewall set service RemoteAdmin**.



#### **Filter**

	Event types:			Detail level
	M All	Writes	Administration	Simple
	Online/Offline	Write Authorization failures	SafeCopy	Detailed
		Filter		
-		liter menu		

#### 39 - secRMM Ribbon Filter group

The secRMM Ribbon Filter group lets you control what secRMM events are displayed in the active Worksheet and also to control the level of detail for each secRMM event in the active Worksheet.

## **Event types**

## All Checkbox

Check this checkbox to show all the secRMM events in the active Worksheet.

## Online/Offline Checkbox

Check this checkbox to show secRMM Online/Offline events in the active Worksheet. When a Removable Media Device is plugged in and the Windows Operating System recognizes it, a secRMM Online event occurs. When a Removable Media Device is unplugged and the Windows Operating System removes it from its list of active devices, a secRMM Offline event occurs.

#### Writes Checkbox

Check this checkbox to show secRMM write events in the active Worksheet. A secRMM write event is generated when data is written to a Removable Media Device.

## Write Authorization failures Checkbox

Check this checkbox to show secRMM write authorization failures. A secRMM write authorization failure is a secRMM event that fails a write attempt to a Removable Media Device due to a secRMM authorization rule. A secRMM authorization rule is based upon one or more criteria:

- 1. User Id
- 2. Program

3. Removable Media Device serial number

## Administration Checkbox

Check this checkbox to show secRMM Administration events. A secRMM Administration event is an event which logs when an Administrator changes one of the secRMM authorization rules or any of the properties which control how the secRMM program behaves.

## SafeCopy Checkbox

Check this checkbox to show the secRMM SafeCopy events. A secRMM SafeCopy event is an event which logs when an end-user is using removable media.

# Detail level

## Simple Checkbox

Check this checkbox to display the secRMM data at an Executive level. Specifics about the secRMM events are hidden.

## **Detailed Checkbox**

Check this checkbox to display all of the secRMM event data.

# secRMM Excel Data Columns

This section lists and describes the Excel columns that are defined in the secRMM Excel Workbook. All of this data is derived from the secRMM or secRMMCentral event logs. From anywhere in the Workbook, you can double click a row to show that row in its own windows as shown below.

	А		В	D	н	1		
1	Connected to loca	lhost, e	vent log secRMI	M				
2	Event 💌	€ sect	RMM Event Viewer	: localhost, event log secRMM		9 X3	mb 💌	M
3	online						5	SN
4	offline	Row	6	Previous Next			5	SN
5	online						5	SN
6	write completed		Name	Value			5	SN
7	write completed	•	Event	write completed			5	SN
8	write completed		Time	09/30/2011 07:53:41 AM			5	SN
9	write completed		User	Tony-PC\Tony			5	SN
10	write completed		Device Description	Removable Disk			5	SN
11	offline		Serial Number	2CB43506			5	SN
12	online		Model	SMI USB DISK USB Device			5	SN
13	write completed		Source File		02011 0 10 0 000		5	SN
14	write completed		Source File	D:\Projects\Squadra\Backups\D092	82011_V1_0_10_0_COD	/E.zip	5	SN
15	write completed						5	SN
16	write completed	09/30/	2011 07:57:50 AN	/ Tony-PC\Tony	Removable Disk	2CB4350	6	SN
17	write completed	09/30/2011 07:57:50 AN		/ Tony-PC\Tony	Removable Disk	2CB4350	)6	SN
18	online	09/30/	2011 10:34:52 AN	<pre>/ Tony-PC\Tony[Interactive]</pre>	Local Fixed Disk	40F0ED0	D	W
19	write completed	Uð\3U\	2011 10-28-58 ለእ	A TODY-PC\TODY	Local Fixed Disk	40E0ED0	n	۱۸/

40 - Viewing a single row of the Worksheet

Event	This is the event ID translated into meaningful text.		
Time	The date and time the event occurred.		
Computer	The computer where the event occurred. For the secRMM event log, this will always list the same computer. For secRMMCentral, it will have all the computers that are forwarding their secRMM events into the secRMMCentral event log.		
Configuration Target	The name of the secRMM configuration which is either a computer or user configuration (policy).		
User	The user that is associated with the event.		
User SID	The user SID that is associated with the event.		
Drive	The drive letter of the removable media device.		
Volume	The volume name of the removable media device.		
Device Description	The removable media device description.		
Serial Number	The removable media device's serial number.		
Model	The manufacturer model of the removable media device.		
Internal ID	The internal ID of the removable media device.		
Target File	The name of the file as it is stored on the removable media device.		
Source File	The source file involved in the write operation to the removable media device.		
Source File Size	The source file size in bytes.		
Source File Last Write	The source file date and time that it was last written to.		
Program Name	The name of the program used to perform the write operation to the removable media device.		
Program PID	The program PID.		
Additional Program Info	Additional program information (used in cmd.exe, powershell, vbscript and jscript programs).		
Message	Any additional information secRMM generates for the event		

Property Name	For Administration events, the name of the property involved in the event.
Property Action	For Administration events, the action taken on the property involved in the
	event.
Property Value	For Administration events, the value of the property.
Previous Property Value	For Administration events, the previous value of the property.
Property Target	For Administration events, this will specify either the computer configuration or a user configuration. If it is a user configuration, it will list the userid and the users SID.
Property Operation Status	For Administration events, the outcome of the event (i.e. successful or unsuccessful).

# **Contacting Squadra Technologies Support**

Squadra Technologies Support is available to customers who have purchased a commercial version of secRMM and have a valid maintenance contract or who are in a trial mode of the product. When you contact Support please include the following information:

- 1. The version of secRMM you have installed.
- 2. The Windows versions you have installed: XP, 2003 Server, 2008 Server R2, Vista, Windows 7, etc.
- 3. Whether the Windows Operating System is 32bit or 64bit.
- 4. The specific issue you are contacting support for.

# About Squadra Technologies, LLC.

Squadra Technologies delivers innovative products that help organizations get more data protection within the computer infrastructure. Through a deep expertise in IT operations and a continued focus on what works best, Squadra Technologies is helping customers worldwide.

Contacting Squadra Technologies, LLC.

Phone	562.221.3079 (United States and Canada)	
Email	info@squadratechnologies.com	
Mail	Squadra Technologies, LLC.	
	World Headquarters	
	7575 West Washington Ave. Suite 127-252	
	Las Vegas, NV 89128	
	USA	
Web site	http://www.squadratechnologies.com/	