

Tech webinar : What's new with Auto-Update for Jamf

Agenda:

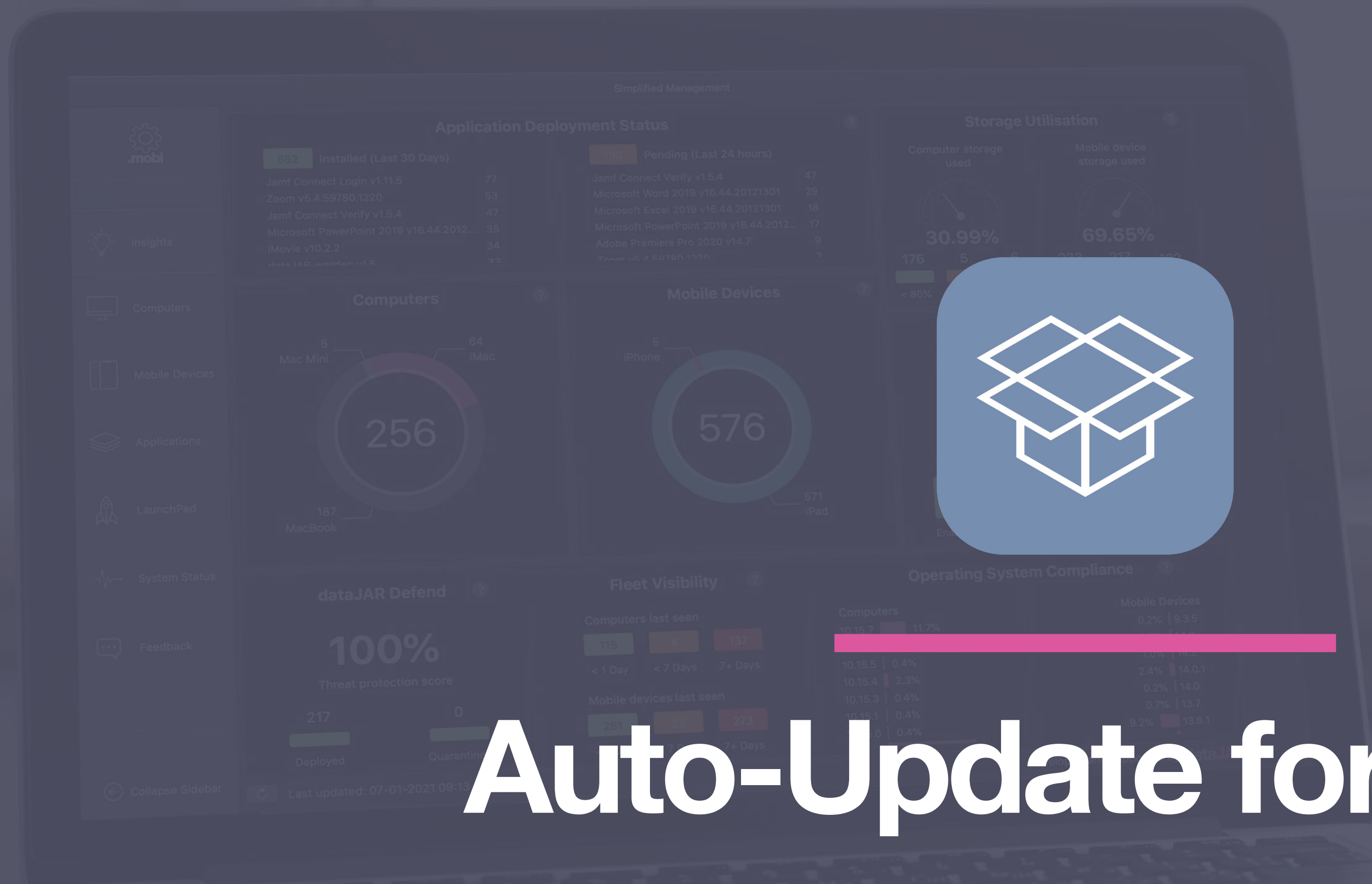
- Auto-Update: the story so far
- Key benefits
- What's new
- Roadmap
- Q&A



Presenter: Ben Toms, Head of
Innovation and Platform, dataJAR

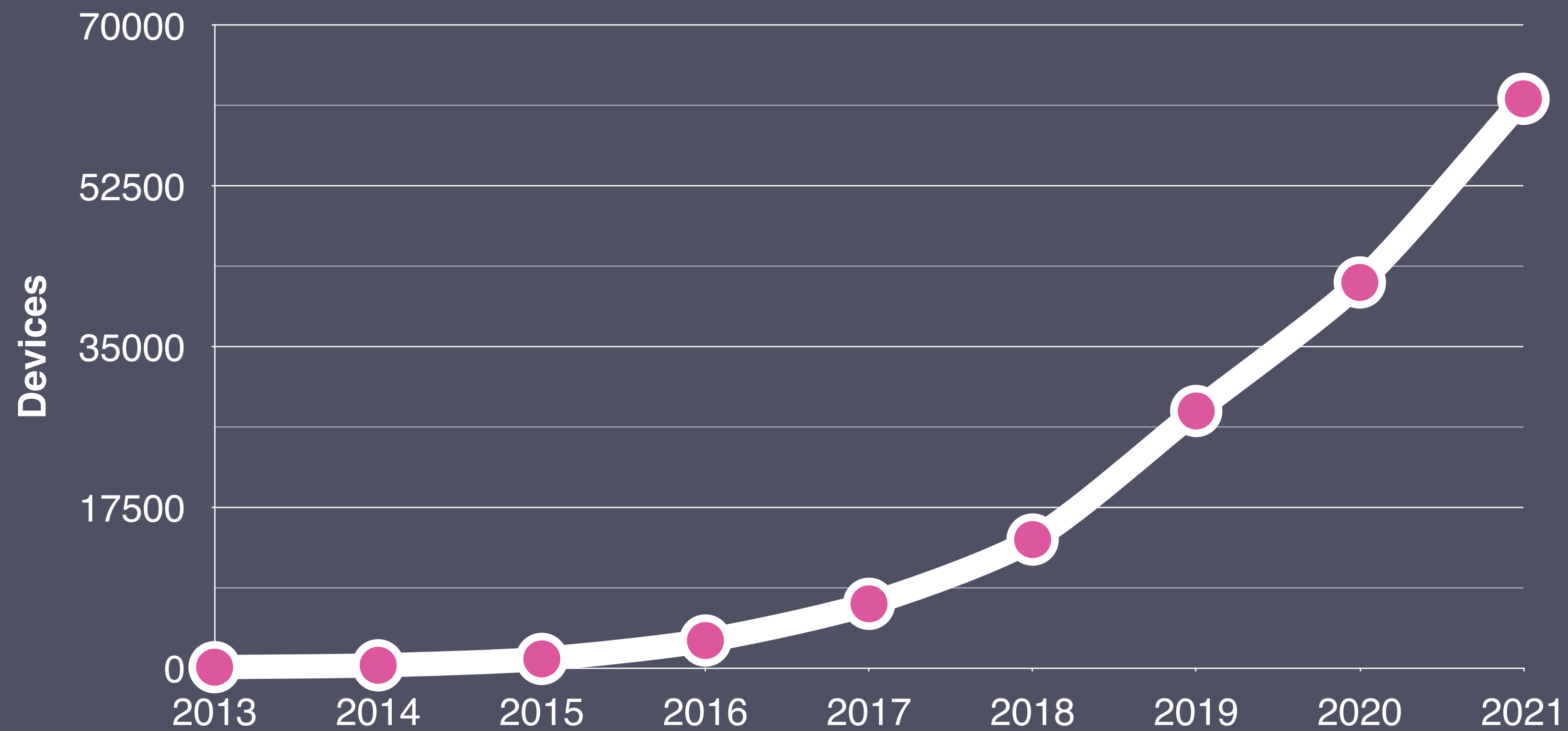
Date: December 16, 2021

Time: 14:00 – 15:30



Auto-Update for Jamf

The story so far



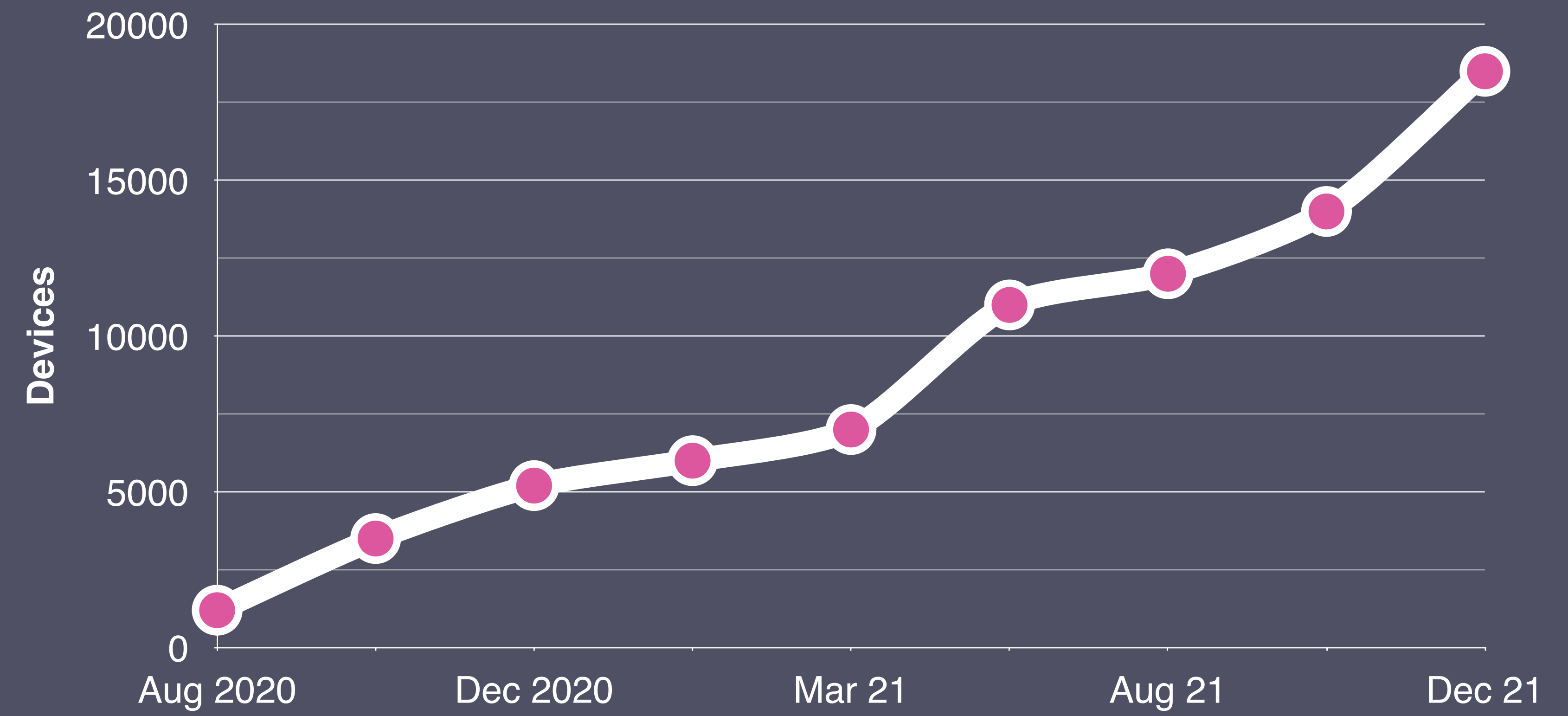


Manual patch
management

1. Retrieve installer
2. Re-package as required
3. Upload to Jamf Pro
4. Create/update policy/policies with the uploaded installer
5. Amend any Smart Groups to update macOS devices as wanted

jamJAR





Reform

Enhancing Apple security and automation in the design sector with Auto-Update for Jamf



Reform collaborates with internationally acclaimed designers to create modern, forward-thinking kitchen spaces. The team works across architecture, design and interior with the aim of creating accessible and adaptable kitchens.

Reform has always relied heavily on Apple devices within the organisation. Most of its employees use a Macbook Pro as their primary computer and there are iMacs in every showroom for sales managers to use when showcasing kitchen designs to potential customers.

In this customer story, Erik Strömblad, head of IT infrastructure and support at Reform CPH, leads us through how a heavily cloud-based company could enhance security and reduce the time spent on patch management with Jamf Pro and dataJAR's Auto-Update framework.



Award-winning design studio with global footprint



80 per cent of employees use Mac, while iPhone is the standard mobile device issued



Using Jamf Pro for Apple device management



Leveraging Okta adaptive MFA with Jamf Connect for zero-touch device provisioning



Experienced Apple growth of approximately 230 per cent



Automating patch management in a fast-paced media environment using Auto-Update for Jamf

automation in update for Jamf

The art of making 'anything possible' has been at the core of DRPG's culture for four decades. The company began as a small team of video production specialists back in 1980 that, because of their unwavering can do attitude, spent the next 40 years growing exponentially into the global creative communications agency we see today.

Following a visible increase in Apple adoption within the DRPG, the IT team implemented Jamf Pro and Auto-Update for Jamf to fully automate the patch management process for all software titles.

In this insightful interview, Thomas Smith, Infrastructure Specialist at DRPG, shares his story of how Auto-Update for Jamf is providing the IT team with the tools to support the increased growth of Apple within the business, through automated patch management and an improved user experience.



Global presence with offices in UK, Ireland, Germany and USA



Apple makes up 50% of computers and 90% mobile devices



130 software titles managed with Auto-Update for Jamf



Using Jamf Pro for Apple device management



ISO27001 accreditation, requiring applications to be on the latest version

Reform collaborates with internationally acclaimed designers to create modern, forward-thinking kitchen spaces. The team works across architecture, design and interior with the aim of creating accessible and adaptable kitchens.

Reform has always relied heavily on Apple devices within the organisation. Most of its employees use a Mac, and the company has a strong preference for using Apple devices for design and creative work.

In this customer story, Erik Strömblad, head of IT infrastructure and support at Reform CPH, leads us through how a heavily cloud-based company could enhance security and reduce the time spent on patch management with Jamf Pro and dataJAR's Auto-Update framework.



Award-winning design studio with global footprint



80 per cent of employees use Mac, while iPhone is the standard mobile device used



Leveraging Okta adaptive MFA with Jamf Connect for zero-touch device provisioning



Experienced Apple growth of approximately 230 per cent

<https://datajar.co.uk/customer-stories/>





Key benefits

700+



Enhanced
security



Secure communication via HTTPS

Public Key Pinning

Unique credential rotation per-pod

JSON Web Tokens

Randomised organisation UUID

Code signature verification on download

Versioning and SHA-256 verification on every
download

VirusTotal analysis on every download



European MSP Innovation Awards 2021

Best Technical Support



Highest score for Quality of Support

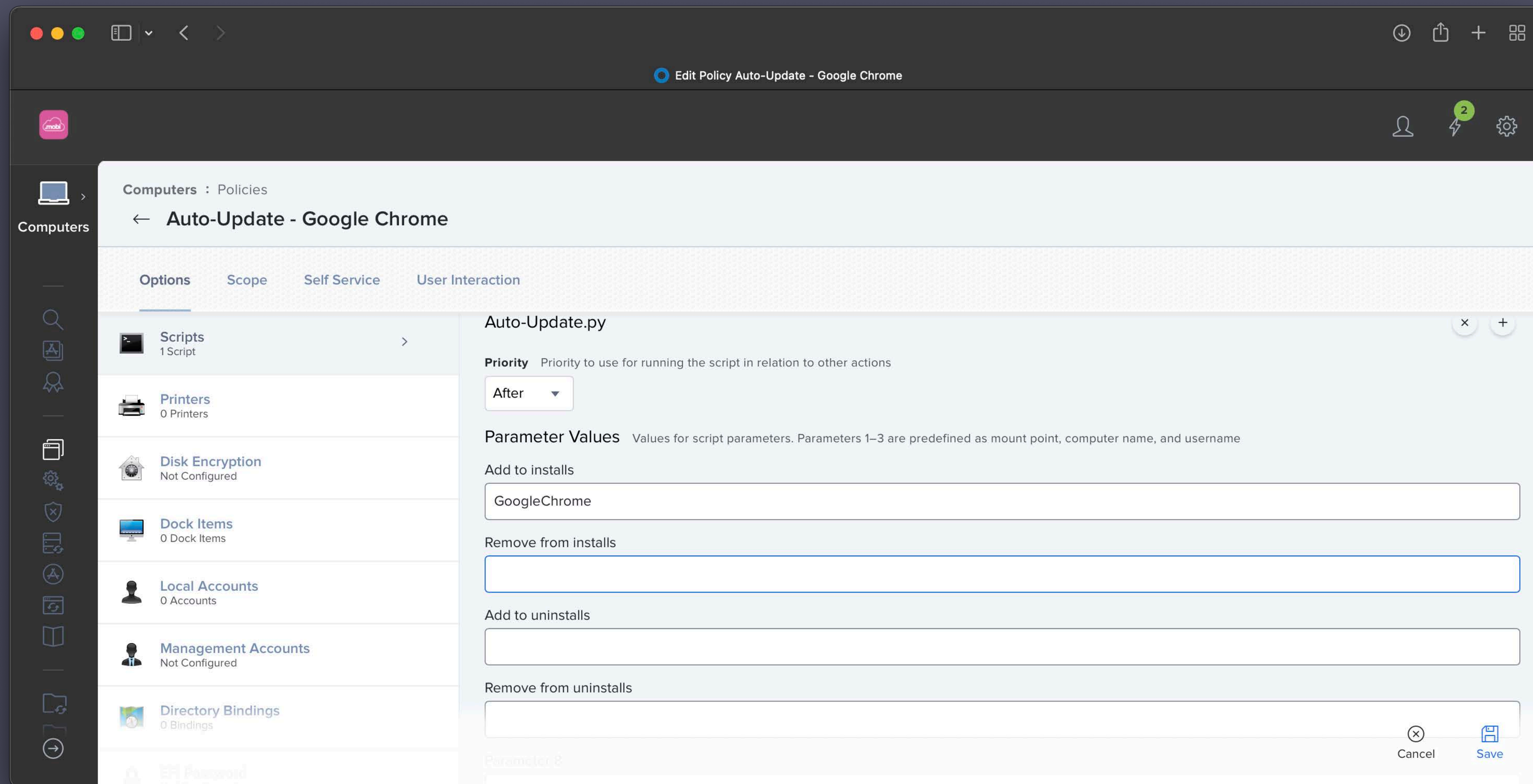
G2 Winter Report 2021
Mobile Device Management

Simplicity and control for the Jamf admin

The screenshot shows the Jamf Pro interface for managing policies. The main content area displays a table of policies filtered by 'chrome'. The table has columns for NAME, FREQUENCY, TRIGGER, and SCOPE. One policy is visible: 'Auto-Update - Google Chrome' with a frequency of 'Once every week' and a trigger of 'Check-in'. Below the table, there is a pagination control showing '1' of 1 entries and a 'Show: 100' dropdown.

NAME	FREQUENCY	TRIGGER	SCOPE
Auto-Update Ongoing			
Auto-Update - Google Chrome	Once every week	Check-in	All Managed, Excluded Devices excluded

Simplicity and control for the Jamf admin





Auto-Update

Google Chrome 96.0.4664.110 has been installed



Auto-Update

Google Chrome 96.0.4664.110 has been installed



Auto-Update

Latest version of Google Chrome is installed



Auto-Update

Latest version of Google Chrome is installed



Auto-Update

Logout to install pending updates




Auto-Update

Logout to install pending updates

Updates


1 pending update **Logout Required** [UPDATE](#)

 **Jamf Connect 2**
Jamf
Version 2.7.0 • 30.8 MB
Logout Required ⓘ

Jamf Connect is a collection of apps allowing for simple provisioning of local us... [More](#)

Updates

1 pending update **Logout Required** [UPDATE](#)

 **Jamf Connect 2**
Jamf
Version 2.7.0 • 30.8 MB
Logout Required ⓘ

Jamf Connect is a collection of apps allowing for simple provisioning of local us... [More](#)



What's new?



Auto-Update 1.2

Support for titles Apple Silicon and Intel installers

Monterey support


Patch definitions

Online documentation

Community


Updates

3 pending updates [UPDATE ALL](#)




Google Drive File Stream
Google
Version 51.0.14.0 • 724.4 MB

Drive File Stream lets you:
• Access, search and manage files on-... [More](#)



Zoom
Zoom Video Communications Inc
Version 5.8.1.1983 • 228.5 MB

The Zoom app provides cloud-hosted video conferencing, plus online meetings and... [More](#)




Shift
Shift Technologies Inc
Version 7.2.2-stable • 150.5 MB

Toggle between multiple apps, and accounts, with just one click. Shift is the #... [More](#)


Updates

3 pending updates [UPDATE ALL](#)




Google Drive File Stream
Google
Version 51.0.14.0 • 724.4 MB

Drive File Stream lets you:
• Access, search and manage files on-... [More](#)



Zoom
Zoom Video Communications Inc
Version 5.8.1.1983 • 228.5 MB

The Zoom app provides cloud-hosted video conferencing, plus online meetings and... [More](#)




Shift
Shift Technologies Inc
Version 7.2.2-stable • 150.5 MB

Toggle between multiple apps, and accounts, with just one click. Shift is the #... [More](#)

dataJAR-Auto-Upd... Back/Forward Path Action Get Info Installer Update Available

Package Info All Files All Scripts Receipts


 **"dataJAR-Auto-Update-1.2.pkg" was signed with a valid Developer ID certificate. This certificate was issued by Apple to a third-party developer, identified as "Data JAR Ltd". Apple issues such certificates under the Gatekeeper program, for distribution of software outside of the App Store.**

This package was signed on 9 November 2021 at 11:45:06, as verified by "Apple Timestamp Certification Authority".

To read more about interpreting package signatures, click the Help button.

Always trust "Developer ID Installer: Data JAR Ltd (82K2XFN8L6)"

- Apple Root CA
 - Developer ID Certification Authority
 - Developer ID Installer: Data JAR Ltd (82K2XFN8L6)**

 **Developer ID Installer: Data JAR Ltd (82K2XFN8L6)**
Issued by: Developer ID Certification Authority
Expires: Monday, 6 July 2026 at 16:28:15 British Summer Time
✔ This certificate is valid

> Trust
> Details

? Hide Certificate OK


```
~/Git/dataJAR/Auto-Update/dotmobi/extension attribute/EA-Auto-Update.sh  master (functions)
1  #!/bin/bash
2
3  #####
4  #
5  # In accessing and using this Product, you confirm that you accept the terms of our Product Licence
6  # in full and agree to comply with the terms of such Licence.
7  #
8  # https://datajar.co.uk/product-licence/
9  #
10 #####
11 #
12 # DESCRIPTION
13 # Returns the last line of the Auto-Update log file
14 #
15 #####
16 #
17 # CHANGE LOG
18 # 2.0 - Migrated to bash
19 # 1.0 - Created
20 #
21 #####
22
23 if [ -f "/Library/Preferences/uk.co.dataJAR.jamJAR.plist" ]
24 then
25     logDir=$(/usr/bin/defaults read "/Library/Managed Preferences/uk.co.dataJAR.jamJAR.plist" log_file_dir 2> /dev/null)
26     logFileName=$(/usr/bin/defaults read "/Library/Managed Preferences/uk.co.dataJAR.jamJAR.plist" log_file_name 2> /dev/null)
27 fi
28
29 if [ -f "/Library/Managed Preferences/uk.co.dataJAR.jamJAR.plist" ]
30 then
31     logDir=$(/usr/bin/defaults read "/Library/Managed Preferences/uk.co.dataJAR.jamJAR.plist" log_file_dir 2> /dev/null)
32     logFileName=$(/usr/bin/defaults read "/Library/Managed Preferences/uk.co.dataJAR.jamJAR.plist" log_file_name 2> /dev/null)
33 fi
34
35 if [ -z "${logDir-unset}" ]
36 then
37     logDir="/var/log/"
38 fi
39
40 if [ -z "${logFileName-unset}" ]
41 then
42     logFileName="jamJAR"
43 fi
44
45 if [[ "${logDir}" == */ ]]
46 then
47     logFilePath="${logDir}""${logFileName}"".log"
48 else
49     logFilePath="${logDir}""/""${logFileName}"".log"
50 fi
51
52 if [ -f "${logFilePath}" ]
53 then
54     /bin/echo "<result>$(/usr/bin/tail -n -1 ${logFilePath})</result>"
55 else
56     /bin/echo "<result></result>"
57 fi
```


Auto-Update Catalogue Browser - 1.3

2 months ago · Updated

New Features and Enhancements



The screenshot shows a window titled "Auto-Update Catalogue Browser" with a search bar and a table of software updates. The table has columns for Display Name, Auto-Update Name, Version, Min OS, Max OS, Required Processor, and Resources.

Display Name	Auto-Update Name	Version	Min OS	Max OS	Required Processor	Resources
AMS Neve GenesysControl Plugin	AMSNeveGenesysControlPlugin	1.61	10.15			
AMS Neve GenesysControl Plugin	AMSNeveGenesysControlPlugin	1.60	10.11	10.14.6		

- Minimum and Maximum Operating System versions have been added to the main view.
- A titles required processor architecture is now shown, where one has to be defined as there is neither a universal version or the Intel version of a title will not run on Apple Silicon.
- Not only do the above items also now appear in the exported list, the listed additional resources section has been expanded so now includes the following:
 - Content Filter
 - Kernel Extension
 - More Info
 - Notifications
 - Screen Recording
 - System Extension

For more information on **Auto-Update Catalogue Browser**, please see the [Auto-Update Catalogue Browser - User Guide](#).

Error Level Log Messages

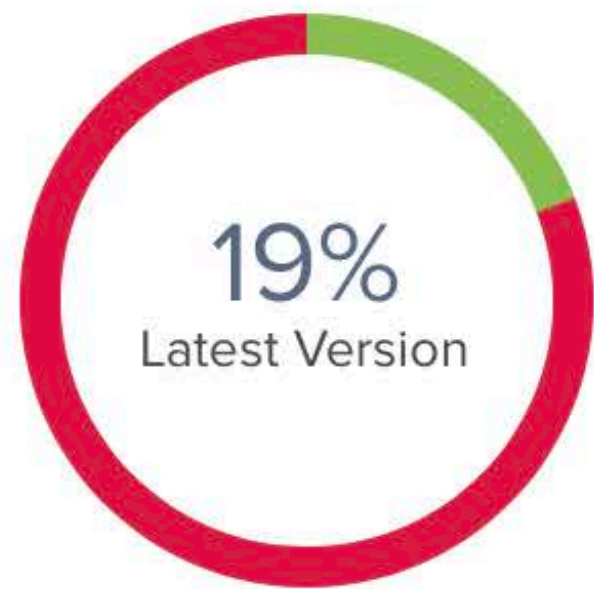
Messages within the below table are due to errors, and as such will warrant following up.

Log Message	Component(s)	Reason	Resolution
/usr/local/munki/munki-python: bad interpreter: No such file or directory	policy	An Auto-Update policy has been ran on a device which doesn't have Auto-Update installed.	Please review: Auto-Update Recommended Antivirus Exclusions . Install Auto-Update , and try once more.
Error: This script must be run as root	preflight, postflight, policy	Auto-Update was ran not ran as root .	Re-run Auto-Update under sudo as an admin or via a policy from Jamf Pro .
Cannot find jamf binary.	preflight, postflight, policy	No jamf binary can be found at: /usr/local/jamf/bin/jamf .	Re-install the jamf binary onto the device. This may require the device to be fully reprovisioned.
Cannot import FoundationPlist.	preflight, postflight, policy	The FoundationList module cannot be found within the Auto-Update's Python framework .	Auto-Update has not bee installed fully, re-install to correct.
Cannot get Managed	preflight, postflight,	The ManagedInstallDir key is missing from the	Make sure that that macOS device is in scope of the Auto-Update configuration profile, which contains the payload for ManagedInstalls and that

Patch Management Statuses

SLACK

Patch Report



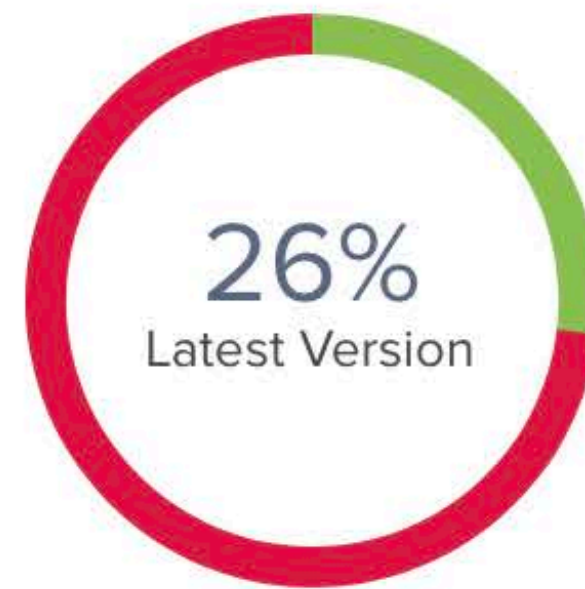
● 5 Latest Version (4.23.0)

● 21 Other Version

VERSION	DEVICES
4.15.0	1
4.19.0	1
4.20.0	2
4.22.0	17
4.23.0	5

GOOGLE CHROME

Patch Report



● 7 Latest Version (96.0.4664.110)

● 19 Other Version

VERSION	DEVICES
93.0.4577.63	1
94.0.4606.81	1
95.0.4638.69	1
96.0.4664.55	5
96.0.4664.93	11
96.0.4664.110	7

SKYPE

Patch Report



● 17 Latest Version (8.79.0.95)

● 7 Other Version

VERSION	DEVICES
8.77.0.98	1
8.78.0.159	4
8.79.0.92	2
8.79.0.95	17

Patch Management Statuses

SLACK

Patch Report



- 5 Latest Version (4.23.0)
- 20 Other Version

VERSION	DEVICES
4.15.0	1
4.19.0	1
4.20.0	2
4.22.0	16
4.23.0	5

GOOGLE CHROME

Patch Report



- 13 Latest Version (96.0.4664.110)
- 12 Other Version

VERSION	DEVICES
93.0.4577.63	1
94.0.4606.81	1
95.0.4638.69	1
96.0.4664.55	3
96.0.4664.93	6
96.0.4664.110	13

SKYPE

Patch Report



- 19 Latest Version (8.79.0.95)
- 4 Other Version

VERSION	DEVICES
8.77.0.98	1
8.78.0.159	3
8.79.0.95	19



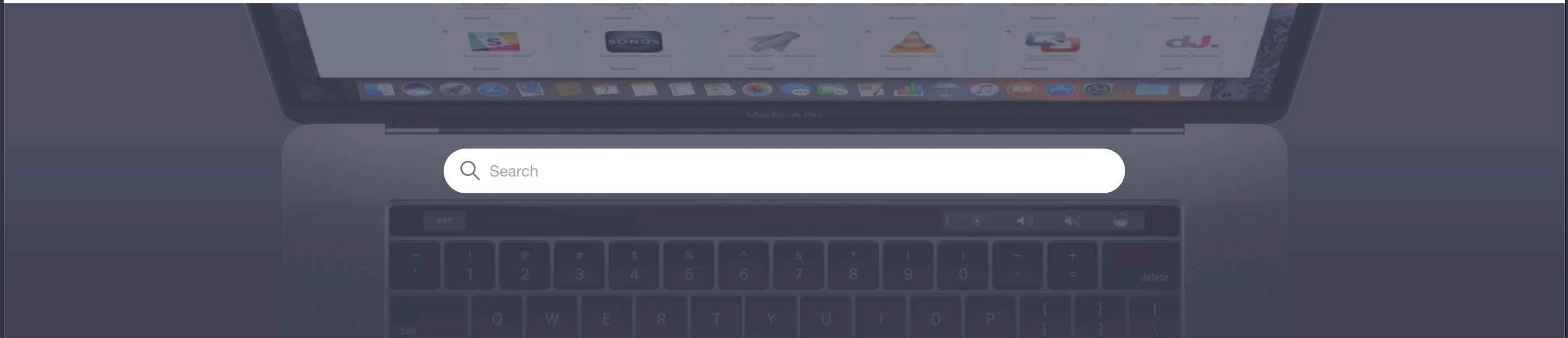
support.datajar.co.uk/hc/en-us



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Auto-Update

datajar.mobi

Simplified Management

Other

Promoted articles

Q4/2021 - Title Changes

Definitions - 1.1.1

Auto-Update Catalogue Browser - 1.3

Auto-Update - 1.2

Auto-Update - Recommended Antivirus Exclusions

Auto-Update - Network Requirements



Auto-Update

Announcements

- ★ Q4/2021 - Title Changes
- ★ Definitions - 1.1.1
- ★ Auto-Update Catalogue Browser - 1.3
- ★ Auto-Update - 1.2
- Google Chrome Security Update - 2021-12-15
- Google Chrome Security Update - 2021-10-30

[See all 22 articles](#)

FAQs

When does Auto-Update run?

Guides

- Auto-Update - Installation Guide
- Auto-Update - Administrator's Guide
- Auto-Update - Security Overview
- Auto-Update Catalogue Browser - User Guide
- Definitions - Installation and User Guide

Knowledge Base

★ Auto-Update - Recommended Antivirus Exclusions



support.datajar.co.uk/hc/en-us/community/topics



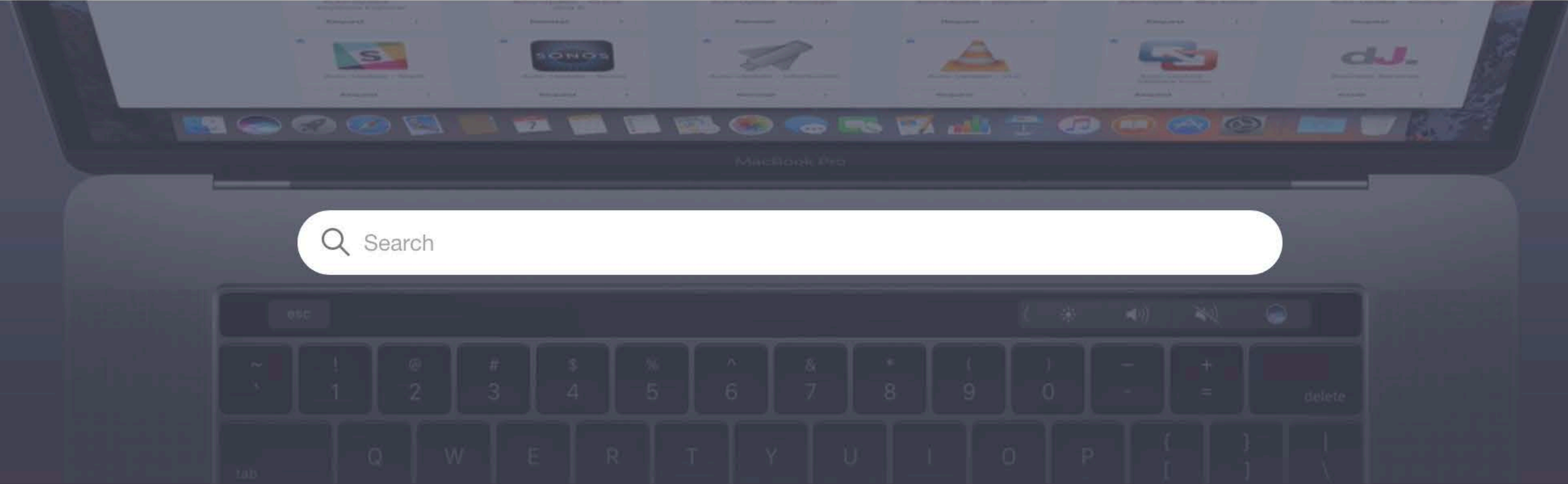
Topics – Help Centre



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Community Topics ▾

New post

Feature Requests

2 posts · 3 followers

Recent activity (Community)

Feature Requests



Ability to copy/paste from Auto-Update Catalogue Browser

Follow 2

Answered



Pete Stanley

2 months ago



0



Would be handy to be able to copy/paste the highlighted application name from the Auto-Update Catalogue Browser to prevent the possibility of mis-spelling the name when manually typing.

Comments

3 comments

Sort by



Ben Toms

Official comment

2 months ago · Edited



Hi Pete,

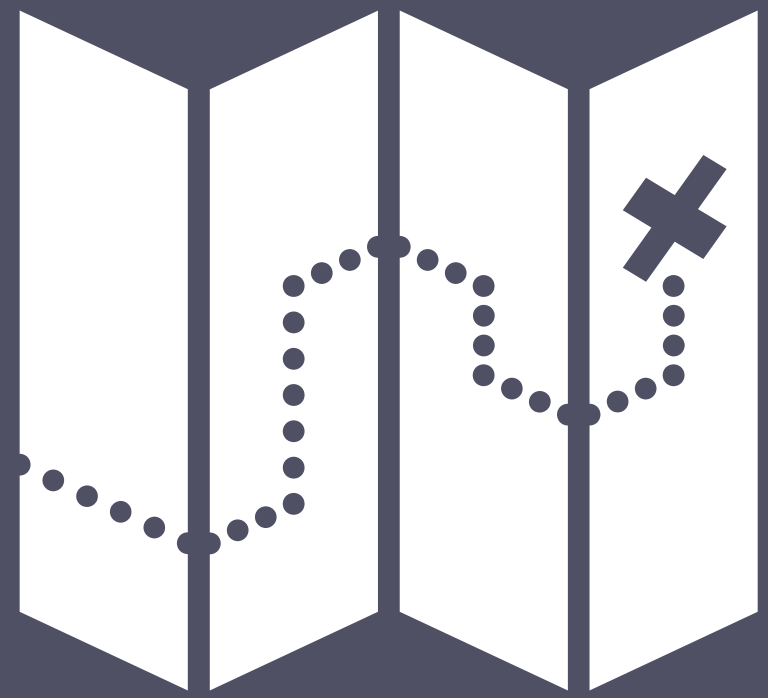
As per the recently published Auto-Update Catalogue Browser - User Guide, <https://support.datajar.co.uk/hc/en-us/articles/4409234438161>.

*select a title then press **⌘C** to copy the Auto-Update Name, to be used within an **Auto-Update policy**.*

Please give this a go, and advise if this works for yourself or not.

Didn't find what you were looking for?

New post



Roadmap





<https://support.datajar.co.uk/hc/en-us/community>



Q&A

Thank you!

