

Stonebook Edge-R BIOS update - Intune application package

Version control

Version	Application Version	BIOS Version	Date	Comment
A01-V15	A01	V15	23/10/2025	Original release

Compatible devices

Model Name	Baseboard Product Name	Internal Stock Ref Code
Stonebook Edge-R EZ2R3A	SP41MD	NOTCHA-346
Stonebook Edge-R EZ2R3B	SP41MD	NOTCHA-347
Stonebook Edge-R EZ2R5A	SP41MD	NOTCHA-358
Stonebook Edge-R EZ2R5B	SP41MD	NOTCHA-359

Package Information

This application package is designed to push out a BIOS update to Stonebook Edge-R via Intune management.

What the application does

- Checks for and if enabled, suspends BitLocker for one boot count (suspending BitLocker for firmware update is recommended by Microsoft).
- Performs BIOS update.
- Writes to a log file, creates registry breadcrumbs, and creates a success tag file.
- Intune checks these breadcrumbs to confirm the outcome of the update and report back to the management portal.
- Handles reboot logic:
 - **Auto** → script calls shutdown.exe /r and exits with 1641
 - **Required** → script exits with 3010 so Intune knows a reboot is needed but **leaves restart to Intune/user policy**





Tracking breadcrumbs created by the application

Process log

C:\ProgramData\BIOSUpdateLog\

- Contains step-by-step actions, errors, and flash utility output.

Tag file for Intune detection

C:\ProgramData\BIOSUpdateLog\success.tag

- Contains a summary string with UTC timestamp, image path, pre-/post-BIOS version.
- Accompanying Intune detection script looks for this file to confirm success.

Implementation Guide

Intended audience

This package and its implementation is intended for individuals/teams who are already familiar with managing devices, groups and applications in Microsoft's Intune environment.

The following steps broadly outline a tested example, but steps may vary depending on your Intune environment, its configuration and/or any changes which Microsoft apply over time.

Warning: You are strongly recommended to test this process on one or two devices and confirm correct function within your estate, **before** attempting mass deployment.

Preparation:

- Extract all files from the zip archive to an accessible directory.
- Perform an inventory of your Intune estate to identify all compatible devices and their current BIOS version.

Required files:

- Stonebook_Edge-R_BIOSUpdate_A01-V15.intunewin
- Detect-BIOSUpdate.ps1






Although not a requirement, we recommend creating a specific group into which compatible devices targeted for this BIOS update can be placed.

Example name: Stonebook Edge-R SP41MD BIOS updates

[Dashboard](#) > [Groups | All groups](#) > [PD-BIOS Update Devices](#)


PD-BIOS Update Devices | Properties

Group

× « Save Discard Got feedback?

Overview

Diagnose and solve problems

Manage

Properties

Members

Owners

Roles and administrators

Administrative units

Group memberships

Applications

Licenses

Azure role assignments

Activity

Access reviews

Audit logs

Bulk operation results

Troubleshooting + Support

New support request

General settings

Group name * ⓘ

PD-BIOS Update Devices ✓

Group description ⓘ

Devices that require BIOS updates ✓

Group type

Security

Membership type * ⓘ

Assigned

Object Id


2ac3c9fc-0aa4-47c4-b008-7d32697c12cb

Microsoft Entra roles can be assigned to the group ⓘ

Yes No

Create a new Windows application (Windows app (Win32)).

[Dashboard](#) > [Apps | Overview](#) >


Windows | Windows apps

× «

+ Create Refresh Export Columns





Select the provided "Stonebook_Edge-R_BIOSUpdate_A01V15.intunewin" package.

App package file



App package file * ⓘ

"install.intunewin"



Name: install.cmd
Platform: Windows
Size: 34.74 MiB
MAM Enabled: No

OK

Define relevant information including, name, description, version etc, as useful reference.

App information Program Requirements Detection rules Review + save

Select file to update * ⓘ

install.intunewin

Name * ⓘ

StoneBook Edge R BIOS Upgrade

Description *

[Get help with markdown supported for descriptions.](#)

Updates the ECS BIOS

Preview

Updates the ECS BIOS

Publisher * ⓘ

Converge

App Version ⓘ

VT14

Category ⓘ

Other apps

Show this as a featured app in the Company Portal ⓘ

Yes

No

Information URL ⓘ

Enter a valid url

Privacy URL ⓘ

Enter a valid url

Developer ⓘ

Owner ⓘ

Notes ⓘ

Logo ⓘ

[Select image](#)





Complete the Program form exactly as shown below.

☒ App information
 ☒ **2 Program**
☐ 3 Requirements
 ☐ 4 Detection rules
 ☐ 5 Dependencies
 ☐ 6 Super

Specify the commands to install and uninstall this app:

Install command * ⓘ	<input type="text" value="install.cmd"/>	✓
Uninstall command * ⓘ	<input type="text" value="uninstall.cmd"/>	✓
Installation time required (mins) ⓘ	<input type="text" value="60"/>	
Allow available uninstall ⓘ	<input type="radio"/> Yes <input checked="" type="radio"/> No	
Install behavior ⓘ	<input checked="" type="radio"/> System <input type="radio"/> User	
Device restart behavior ⓘ	<input type="text" value="App install may force a device restart"/>	▼

Specify return codes to indicate post-installation behavior:

Return code	Code type	
<input type="text" value="0"/>	<input type="text" value="Success"/>	▼
<input type="text" value="1707"/>	<input type="text" value="Success"/>	▼
<input type="text" value="3010"/>	<input type="text" value="Soft reboot"/>	▼
<input type="text" value="1641"/>	<input type="text" value="Hard reboot"/>	▼
<input type="text" value="1618"/>	<input type="text" value="Retry"/>	▼

[+ Add](#)

The package has no minimum requirements. Windows 10 22H2 and above is suggested.

☒ App information
 ☒ Program
 ☒ **3 Requirements**
☐ 4 Detection rules
 ☐ 5 Dependencies
 ☐ 6 Super

Specify the requirements that devices must meet before the app is installed:

Check operating system architecture * ⓘ	<input type="radio"/> Yes. Specify the systems the app can be installed on. <input checked="" type="radio"/> No. Allow this app to be installed on all systems.
Minimum operating system * ⓘ	<input type="text" value="Windows 10 22H2"/>
Disk space required (MB) ⓘ	<input type="text"/>
Physical memory required (MB) ⓘ	<input type="text"/>
Minimum number of logical processors required ⓘ	<input type="text"/>
Minimum CPU speed required (MHz) ⓘ	<input type="text"/>

Configure additional requirement rules

Type	Path/Script
No requirements are specified.	

[+ Add](#)






Add the detection rule script file which is supplied with the package.

- ✓ App information
- ✓ Program
- ✓ Requirements
- 4 Detection rules**
- 5 Dependencies
- 6 Supers

Configure app specific rules used to detect the presence of the app.

Rules format * ⓘ Use a custom detection script ▼

Script file ⓘ DetectionScript.ps1 

Script content

```
# Detect-BIOSUpdate.ps1 (robust)
# Exit 0 = Installed; Exit 1 = Not installed

$ErrorActionPreference = 'SilentlyContinue'

$CompanyRegRoot = 'HKLM:\SOFTWARE\Contoso\BiosUpdates'
$TagDir = 'C:\ProgramData\BiosUpdates\Tags'
```

Run script as 32-bit process on 64-bit clients ⓘ Yes No

Enforce script signature check and run script silently ⓘ Yes No

Assign the App to the required group, this can be one you created at the start of this process, or an existing group you already have in place.

Add App

Windows app (Win32)

- ✓ App information
- ✓ Program
- ✓ Requirements
- ✓ Detection rules
- ✓ Dependencies
- ✓ Supersedence
- 7 Assignments**

i Any Win32 app deployed using Intune will not be automatically removed from the device when the device is retired. The app and the data it contains will remain on the device.

Required ⓘ

Group mode	Group	Filter mode	Filter
⊕ Included	PD-BIOS Update Devices	None	None

+ Add group ⓘ + Add all users ⓘ + Add all devices ⓘ

Review and complete the Application creation process.






If the devices aren't already assigned to the correct group, do so now.

The BIOS update app you just created should pick up the new assignment within approximately 15 minutes, but the device will not actually install the update until its next check-in, which could be an hour or more depending on your configuration. However, you have the option to force a sync.


[Home](#) > [Groups | All groups](#) > [PD-BIOS Update Devices](#)



PD-BIOS Update Devices | Members


Group

+

 Add members

 Bulk operations

 Refresh

 Manage

Overview

Diagnose and solve problems

Manage

Properties

Members

Owners

Roles and administrators

Administrative units

Group memberships

Applications

Licenses

Azure role assignments

Activity

Access reviews

Audit logs


Bulk operation results

Troubleshooting + Support

New support request

Direct members

All members


 Search

0 group members found

☐ Name ↑

No members have been found

Add members

 Try changing or adding filters if you don't see what you're looking for.

Search

pd

5 results found

All

Users

Groups

Devices

Enterprise applications

	Name	Type	Details
<input checked="" type="checkbox"/>	PD-4682	Device	b02aa51c
<input type="checkbox"/>	STG-iPhone-PD2JQWX0VC	Device	16e5511c

Select

Monitor your devices and verify correct deployment.

Test and confirm on a small batch of devices, before mass deployment.

