

SC-DAD - BACKUP APPLICATION v1.1 documentation**Topics in this document**

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Requirements

This upgrade is for SC-DAD v2.x series, recommended firmware are v2.5 or higher, visit the SC-DAD [download area](#) to get last updates before apply this patch.

Features

-New Backup file format: smaller size, fast creation and better reliability.

-The SC-DAD host-name prefix and software main version is added automatically to the backup file name.

-Added the backup verification function and MD5 checksum.

-Added the backup export function for v3.x and higher SC-DAD software versions.

(NOTE: To complete the export operation for v3.x and higher versions an extra step could be requested depending on installed plug-in and drivers, you can use the online [package integrator](#) when required by the backup procedure for build final v3.x and higher backup packages).

Backup file contents

-Analog inputs configurations and labels

-Driver and plug-in, including configurations and licenses

-Network settings

How to apply the SC-DAD BACKUP v1.1 UPGRADE

1) Click on the Tools menu button from the web configuration software



2) Insert the system password if asked (default password: root) and then click to the login button



3) Click on the Software Upgrade/Backup Restore button



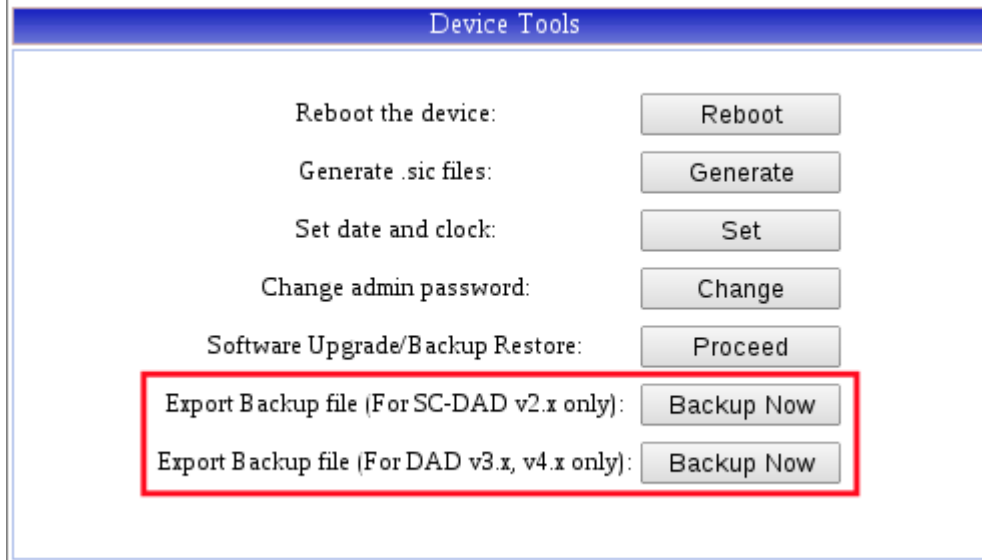
4) Select the **backup_v11.bin** file and use the "send" button to start the upgrade



5) Wait for the confirm message.

How to verify the installation of the Backup v1.1 upgrade

Open the tools panel and check for new backup buttons.



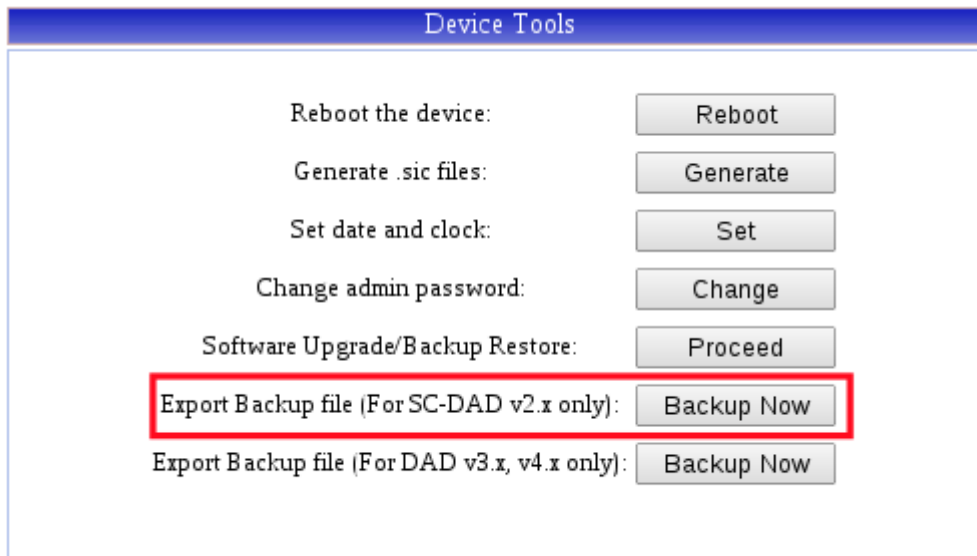
The screenshot shows a web interface titled "Device Tools". It contains several rows of text and buttons:

Device Tools	
Reboot the device:	<input type="button" value="Reboot"/>
Generate .sic files:	<input type="button" value="Generate"/>
Set date and clock:	<input type="button" value="Set"/>
Change admin password:	<input type="button" value="Change"/>
Software Upgrade/Backup Restore:	<input type="button" value="Proceed"/>
Export Backup file (For SC-DAD v2.x only):	<input type="button" value="Backup Now"/>
Export Backup file (For DAD v3.x, v4.x only):	<input type="button" value="Backup Now"/>

The last two rows, which contain the backup options, are highlighted with a red rectangular border.

NOTE: If any problem try to clear the browser cache and reload the web page (F5 button).

How to create a backup file for SC-DAD v2.x



The screenshot shows the 'Device Tools' window with several options and buttons. The 'Export Backup file (For SC-DAD v2.x only):' option and its 'Backup Now' button are highlighted with a red rectangle.

Device Tools	
Reboot the device:	<input type="button" value="Reboot"/>
Generate .sic files:	<input type="button" value="Generate"/>
Set date and clock:	<input type="button" value="Set"/>
Change admin password:	<input type="button" value="Change"/>
Software Upgrade/Backup Restore:	<input type="button" value="Proceed"/>
Export Backup file (For SC-DAD v2.x only):	<input type="button" value="Backup Now"/>
Export Backup file (For DAD v3.x, v4.x only):	<input type="button" value="Backup Now"/>

From the tools section, use the button of the **“Export Backup file (For SC-DAD v2.x only)”** option.



The screenshot shows the 'Backup Tool V1.1' window displaying backup completion details. It includes the backup name, size, MD5 hash, and a note that the backup is for DAD v2.x only. There is a 'Download' link and a 'Back' link.

Backup complete

Package verification: Valid

Backup Name: SCDAD_backupV2.bin

Size: 72691 bytes

MD5: 5fbba7d78880744c2d1d97e5d9fe31f8

Note: This backup is for DAD v2.x only.

[Download](#)

[Back](#)

Click on the **“Backup Now”** button and wait few seconds for the backup file creation, after that use the [Download](#) link to get the backup file.

How to create a backup file for SC-DAD v3.x from v2.x

Device Tools

Reboot the device:	Reboot
Generate .sic files:	Generate
Set date and clock:	Set
Change admin password:	Change
Software Upgrade/Backup Restore:	Proceed
Export Backup file (For SC-DAD v2.x only):	Backup Now
Export Backup file (For DAD v3.x, v4.x only):	Backup Now

From the tools section, use the button of the **“Export Backup file (For DAD v3.x, v4.x only):”**.

Backup Tool V1.1

Backup complete

Package verification: Valid
Backup Name: SCDAD_backupV3.bin
Size: 7761 bytes
MD5: 29aef98a96a0c19568a8d309004c7cba

Note: This backup is for DAD v3.x, and 4.x only.

Warning: The created backup file must be integrated with new packages for DAD devices v3.x or v4.x

Missing packages:
-Linear

You can install missing package manually or integrate its to this backup file by using the [online package converter](#).

[Download](#)

[Back](#)

Click on the “**Backup Now**” button and wait few seconds for the backup file creation, after that use the [Download](#) link to get the backup file.

NOTE: SC-DAD v2.x plug-in and drivers are not directly exportable for v3.x and higher SC-DAD software versions, you can use the on line package integration tool to complete the backup file if required.

SC-DAD - Package Integration Tool

Package Integration Tool

SC-DAD v2.x plug-in and drivers are not compatible with DAD v3.x and v4.x, this tools can integrate missing packages to backup files generated by SC-DAD v2.x for v3.x and v4.x.

PRODUCTS

All products

SC-DAD

SC-ETX

SC-WINDOWS

Package Integration Tool

SC-DAD v2.x plug-in and drivers are not compatible with DAD v3.x and v4.x, this tools can build final backup packages starting from SC-DAD v2.x for v3.x and v4.x by adding missing compatible packages.

To use the **package integration tool** upload a DAD v3 backup file generated by a SC-DAD v2.x.

Choose a SC-DAD v3.x bin file generated by a SC-DAD v2.X Nessun file selezionato

Follow the [online package converter](#) link and use the form to upload the v3.x backup file.

The online tool can build final export packages for SC-DAD v3.x and higher versions by adding missing drivers and plug-in to the export file.

SC-DAD - Package Integration Tool

Package Integration Tool

SC-DAD v2.x plug-in and drivers are not compatible with DAD v3.x and v4.x, this tools can integrate missing packages to backup files generated by SC-DAD v2.x for v3.x and v4.x.

PRODUCTS

All products

- SC-DAD**
- SC-ETX
- SC-WINDOWS
- DAQ - Softwares
- Services
- Contact
- Download

LINKS

Package Integration Tool

SC-DAD v2.x plug-in and drivers are not compatible with DAD v3.x and v4.x, this tools can build final backup packages starting from SC-DAD v2.x for v3.x and v4.x by adding missing compatible packages.

To use the **package integration tool** upload a DAD v3 backup file generated by a SC-DAD v2.x.

Choose a SC-DAD v3.x bin file generated by a SC-DAD v2.X Nessun file selezionato

Linear - Package added

Backup Name: SCDAD_backupV3.bin

Size: 59373 bytes

MD5: 115c5dfcb7d72fef6522c1408cdb037b

Note: This backup is for DAD v3.x, and 4.x only.

[Download](#)

After this operation you can download the final backup package for v3.x and higher software versions.

How to restore a backup file

- 1) Click on the Tools menu button from the web configuration software



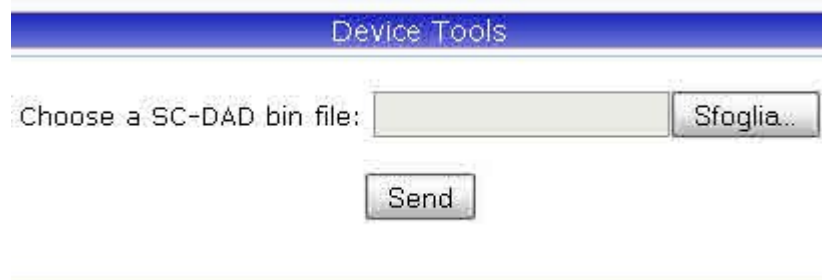
- 2) Insert the system password if asked (default password: root) and then click to the login button



- 3) Click on the Software Upgrade/Backup Restore button



- 4) Select the backup.bin file and use "send" button to start the restore



- 5) Wait for the confirm message or for device reboot (depending on backup type).
- 6) Plug-in, drivers and old network settings must be enabled manually after the restoration procedure by using save buttons of each component.