

## Table of contents

- Backing up and restoring – Introduction

# Backing up and restoring – Introduction

## Backing up and restoring – Introduction

Use the functionality “Backup & Restore“ to back up installed apps including your data as backup file. Operating system-specific and hardware-specific apps and apps in the state “disabled” are excluded. The app state is shown in the “Apps” window, see:

↳ Window - “Apps” .

## Functional principle

The backup function generates a backup file that can be saved on an Engineering PC. The backup file can be transferred from the engineering PC to another ctrlX device using the restore function.



The backup file can only be applied to a target device if:

- Identical processor architecture / source device = target device, see table below.
- Identical ctrlX CORE system versions / source device = target device.  
If the versions differ, the ctrlX CORE system version of the target device has to be upgraded/downgraded to the system version used to create the backup file on the source device (upgrade/downgrade of system apps).

## Target systems / Process architecture

ctrlX CORE hardware variant	Process architecture
ctrlX CORE X3	ctrlX CORE ARM64
ctrlX CORE X7	ctrlX CORE x64
ctrlX CORE virtual	ctrlX CORE x64



## Backing up and restoring via remote access

Go to the ctrlX Device Portal, to load activities to the ctrlX device for execution; e.g. to update software or create or restore backups.

For more information on the ctrlX Device Portal and remote activities, refer to the following documentations:

[Device Portal – Introduction](#)

[Executing remote activities on the ctrlX device](#)

## Related topics

- ↳ [ctrlX CORE – Creating backup](#)
- ↳ [ctrlX CORE – Restoring](#)
- ↳ [Backing up and restoring – Required user rights](#)
- ↳ [Backing up and restoring – Backup scope](#)
- ↳ [Backing up and restoring – Restrictions](#)
- ↳ [Backing up and restoring – Troubleshooting](#)
- ↳ [Backing up and restoring – Structure and content of the backup file](#)
- ↳ [Tab - “Back up”](#)
- ↳ [Tab - “Restore”](#)