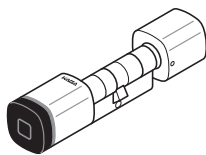


## Kaba evolo digital cylinder – firmware update for elologic V3

A firmware update for a Kaba evolo digital cylinder with elologic V3 firmware can only be performed with the Programmer 1460. An upgrade from V3 to E300 (V4) therefore needs to be performed first.

The firmware update is completed in four stages.

- Step 1)  
The configuration data for the digital cylinder is backed up on the Programmer 1364.
- Step 2)  
The digital cylinder is upgraded to V4 and a LEGIC OS update is performed if necessary.
- Step 3)  
The current firmware for standalone elologic V3 is installed on the digital cylinder.
- Step 4)  
The original configuration data is loaded back onto the digital cylinder from the Programmer 1364.



## About this quick start guide

### Validity

This quick guide outlines the firmware update for Kaba evolo digital cylinders with the standalone elologic V3 firmware variant. The firmware update described can only be performed on Kaba evolo digital cylinders.

### Target group

This quick start guide is intended for specialist staff only. The descriptions are intended for staff trained by the manufacturer.

## Safety instructions

### ESD protective measures

Danger of damage to electronic components from electrostatic discharge.

Damage may occur if electronic printed circuit boards and components are handled incorrectly, which leads to complete breakdown or malfunctions of the device.

## Requirements

### Tools required

- Kaba Service Tool (item number 1430-25)
- Tweezers

### Programming tool required

- Programmer 1364 with programming cable (item no. 1355-42) and adapter (item no. 1355-42A)
- Programmer 1460 with programming cable (item no. 1355-42) and adapter (item no. 1355-42A)
- Authorised master medium for elologic V3
- Authorised user medium for elologic V3
- Computer with internet connection
- Computer with EAC Service Tool software

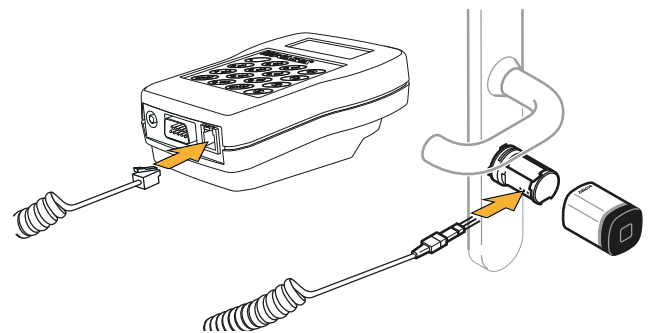
### Firmware required

- Before performing the firmware update on the components, check the firmware version on both programmers and update the firmware if necessary.
- Download the current firmware version for the E300 V4 digital cylinder onto the Programmer 1460.
- Download the current firmware version for the V3 digital cylinder onto the Programmer 1460.

## Firmware update

### Save the configuration of the digital cylinder

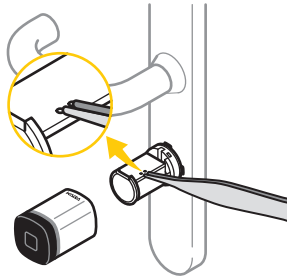
- ✓ The current V4 and V3 firmware versions have been installed on the Programmer **1460**.
  - ✓ The digital cylinder's outer knob has been removed.
1. Connect the Programmer **1364** to the digital cylinder using the programming cable.



2. Transfer the configuration of the digital cylinder to the Programmer **1364** (elologic programmer\Doors\Import).
3. Establish the line (elologic programmer\Doors\Info).
4. Make a note of the line.
  - ( ) U line
  - ( ) T line
  - ( ) N line

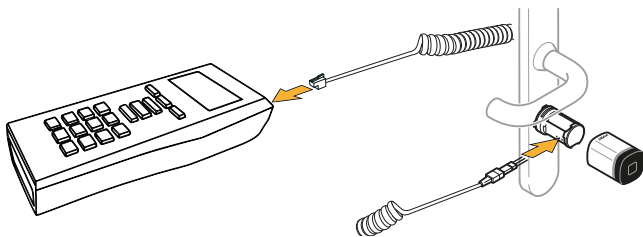
### Firmware crossgrade with the Programmer 1460

1. Present an authorised master medium to the digital cylinder (elologic V3).
2. At the same time, short-circuit the INI reset contacts using tweezers for **10 seconds**.

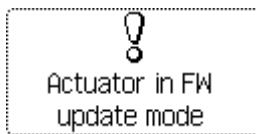


- ⇒ The digital cylinder will flash continuously green.
- ⇒ The digital cylinder is ready for the firmware crossgrade.

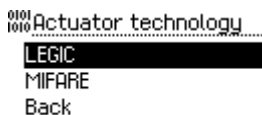
3. Connect the Programmer **1460** to the digital cylinder using the programming cable.



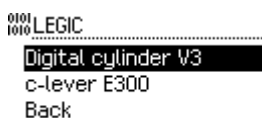
- ⇒ A message will be displayed on the programmer.



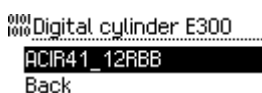
4. Select the 'LEGIC' technology variant.



5. Confirm by selecting ENTER.
6. Select the 'Digital cylinder E300' component type.

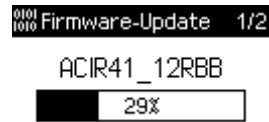


7. Confirm by selecting ENTER.
  - ⇒ The programmer will display all firmware versions that correspond to the type of digital cylinder connected.
8. It is obligatory to select an E300 V4 firmware version ≥ 'ACIR41\_12'.



9. Confirm by selecting ENTER.

- ⇒ The firmware is transferred to the digital cylinder.  
**Note: The update may take a while.**  
**Do not remove the programming cable during the data transfer.**



- ⇒ The firmware update is performed.

### Switching to standalone elologic V3 firmware version

1. Open the settings menu on the programmer.



2. Select 'Firmware update'.

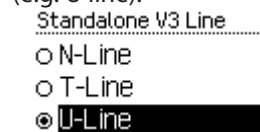


3. Confirm by selecting ENTER.
4. Select the 'Standalone V3' firmware type.
5. Confirm by selecting ENTER.
6. Select the V3 firmware version ≥ 'ACIR31\_26'.
7. You will be asked if you are sure.



Select 'Yes'.

8. Select the line that you noted down earlier (e.g. U line).



- ⇒ The selected firmware and line are transferred to the digital cylinder.  
**Note: Do not remove the programming cable during the data transfer.**



- ⇒ The digital cylinder once again has an up-to-date standalone elologic V3 firmware version.



The digital cylinder is now an elologic V3 component and can only be programmed with the Programmer **1364** and elologic media from now on.

### Restoring the configuration of the digital cylinder

1. Connect the Programmer **1364** to the digital cylinder using the programming cable.
2. Export the original configuration into the digital cylinder using the Programmer **1364**.

### Function check

- ✓ The outer knob is mounted again.
  - ✓ There is an authorised user medium (V3).
1. Present an authorised user medium to the digital cylinder.
    - ⇒ A short acoustic signal (if activated) and the green optical signal indicate that access is authorised.
  2. Turn the outer knob and open the lock.
    - ⇒ The door can be opened.

## Supplementary documentation

Additional information about the electronic components and the tool chain can be found in the following documents:

- User manual for the Programmer 1460 (document number k1evo809)
- User manual for the Programmer 1364 (document number klell803)
- User manual for the KEM software (document number k1evo803)
- User manual for the digital cylinder (document number k1evo805)