# How to unblock your PIN?

Ubuntu | Unblock PIN for Smartcard (Signing Stick)

**LUXTRUST®**
Enabling a digital world

## Before you start you will need

**LuxTrust device**
Your Smartcard or your Singning Sick (with integrated chip)

**LuxTrust Codes**
Initial PIN, PUK Code and Challenge received by mail

**Smartcard Reader \***
An electronic device that reads Smartcards (external or built-in) (*if needed)

**Middleware**
A desktop computer or laptop with the latest version of the LuxTrust Middleware for Ubuntu installed

## How to unblock your PIN with Ubuntu?

1. Connect the Signing Stick to a free USB port or insert the Smartcard into the card reader.

2. From your Terminal located in Applications, start the following task: **/usr/bin/CCChangePinTool**

3. Before you begin, please make sure that the option **Unblock PIN** is selected. Continue with filling in the following fields:

**Admin PIN Code:** Enter the PUK code (=Admin PIN) from the LuxTrust Codes Document.
**New User PIN Code:** Enter a new PIN respecting the PIN Policy instructions.
**Confirm New Pin:** Enter the new PIN to confirm.

*Your new PIN must meet the following requirements:*
*a) must be at least 6 characters long*
*b) must be less than or equal to 8 characters long*
*c) must contain only numeric characters*
*d) must not reuse the last PIN code*
*e) must not be in the weak PIN list*
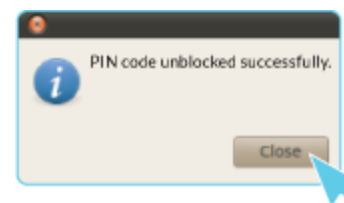
4. Click on **Apply** to confirm. A message will inform you if the PIN has been unblocked successfully.

## Some advice on choosing a suitable PIN:

- The more characters you use, the more secure the PIN will be.
- Avoid using a combination of numbers that can be easily guessed, for example, your date of birth, telephone number etc.
- Avoid using logical sequences such as 123456, 12131415, 102030 etc.
- Avoid repeating the same number several times such as 222888, 55555555 etc.
- Avoid using repetitive or symmetrical number patterns such as 01010101, 45674567, 8091908, etc.
- Avoid using well-known character sequences such as 112112, 925925, etc.
- Never disclose the PIN to anyone.

**LUXTRUST®**
Enabling a digital world

www.luxtrust.lu