Serix Encryption Tool
- A simple way to code DESFire cards

When choosing between an insecure or secure RFID technology, it is usually the easiest way to manage the credentials, that determine the choice of technology. With Serix Online, we are able to offer secure technology together with easy management with several other options, such as printed with a logo for key fobs or as Photo ID for cards. Up until now, it has been relatively complicated with encoding DESFire applications at the customer site, and most often the solution has been an advanced software with associated encoding equipment.

With Serix Encrytion Tool, encoding DESFire is easy

Serix Encryption Tool focuses on simplicity in both installation and the daily management. When ordering the encoding tool, it is required that a structure for DESFire is ready. If the structure is not there, Serline will help to create this.

The installation at the customer is simple. A USB-connected encoding device is connected to a computer. A small piece of software is installed on the computer and a license file is loaded. The encoding tool is delivered ready out the box and can be quickly put into operation, and no settings are required for the software.

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IDENTITY AND ACCESS MANAGEMENT

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Easy to use!

To encode a media:
To encode a card or key fob, place an uncoded credential on the encoding unit, then open the software and click on "encode card" - the credential is ready to use!

To remove encoded information on a credential:
If you wish to remove encoded information, place the credential on the encoding unit and click on "remove encoded information."

The card number that has been encoded and encrypted in the DESFire application corresponds to the credential UID. Serix Ecryption Tool can encrypt multiple applications simultaneously. Several variants with how many applications that can be made are available to choose when ordering. It is also possible to top up with several encodings if the need arises.

To easily read in the credential data to the access control system, a Lectio table reader is used, see separate product sheet.

Description	Number of Encodings	Part.No
SET client software for encoding of DESFire 56bit UID to 1 DESFire	500	5930
SET client software for encoding of DESFire 56bit UID to 1 DESFire	1000	5931
SET client software for encoding of DESFire 56bit UID to 1 DESFire	2000	5932
SET client software for encoding of DESFire 56bit UID to 1 DESFire	4000	5933
SET client software for encoding of DESFire 56bit UID to 1 DESFire	Unlimited	5934
Expanded number of encodings to SET	500	5940
Expanded number of encodings to SET	1000	5941
Additional DESFire Application	N/A	5938
USB connected Serix Encryption Tool for encoding DESFire application	N/A	5939

Teknisk specifikation	
▷▷ **OS-support**	LF/Windows 10,11
▷▷ **Host**	USB
▷▷ **Frequency**	13,56Mhz
▷▷ **Chip type**	Mifare DESFire
▷▷ **Power supply**	4.3 V - 5.5 V via USB
▷▷ **Dimensions**	88 mm x 56 mm x 18 mm
▷▷ **Cover**	ABS UL94.V0
▷▷ **Read/Write distance**	Up to 100mm, depending on environment
▷▷ **MTBF**	500 000 hours