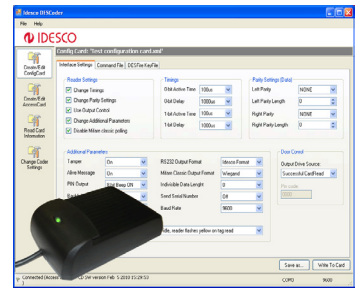# IDESCO

DESCoder

Powerful tool for reader updates, technology migrations and card encoding

Idesco's DESCoder is a powerful application that not only encodes MIFARE® DESFire and MIFARE® Classic access cards, but also programs configuration cards for Idesco's family of 8 CD 2.0 readers.

DESCoder conveniently includes all features of previous DESCoder versions in its application. This means you can use one application to configure Idesco's 8 CD 2.0, 8 CD 5 2.0 AES and 8 CD 2.0 OSDP V2 readers. Merely create and choose a user profile for each reader.

DESCoder provides an even wide range of options. In addition to programming MIFARE® cards for a wide variety of uses, conditions, levels and types of security, it also provides a powerful tool for configuring and managing your readers.

As before, it opens up the full technological power MIFARE® embeds in its DESFire smart cards, letting you customize down to the tiniest parameter your end-user's system could demand. DESCoder also lets you easily create different reader configurations and unique security solutions for your end-users, then continue administering and managing their security keys for them. You can even assign on-site security managers limited privileges for enrolling new user cards to the formats you've defined. That is because DESCoder was expressly designed to simplify enrollment and encoding. Need a convenient application for reading your MIFARE® DESFire transponder's data? Again, Idesco® DESCoder does the job! Do some of your operation's employees require access to different areas with widely different security protocols? Simply-solved without sacrificing security! Idesco DESCoder lets you consolidate their credentials onto a single card using MIFARE's ability to host multiple applications on a single card.

These are just a few examples of how Idesco DESCoder Software will make managing your Smart Card-dependent systems easier, faster and more secure, while letting you serve your end-users better. As previously, DESCoder comes bundled with its own desktop reader/writer unit for your convenience.

DESCoder: Product description

Idesco DESCoder	DESCoder flexibly creates configuration cards for programming readers to the next security level. Idesco DESCoder also configures your reader from DESFire technology to MIFARE® Classic.
	DESCoder also is a coding tool for creating new transponders to a system easily from an existing card format, so it is a convenient solution for end-users who prefer managing their own credentials. DESCoder includes Login, Configuration Encryption and Log functions.
	DESCoder creates configuration cards and AES encrypted transponders for a system with an updated AESCO security coverage.
	DESCoder also services products with OSDP protocol.

DESCoder: Specifications

Minimum system requirements	• Microsoft Windows 7 with .Net Framework 4.5 or newer • Processor: 1GHz Pentium processor or equivalent (Minimum) • RAM: 1GB (Minimum) • Display: 1024 x 768 high color, 32-bit (Minimum) • USB port
Encoder reader Interface	• USB
Supported transponders	• MIFARE® DESFire EV1 & EV2 & EV3 (13,56 MHz)
Package contains	• Idesco DESCoder Application • User Manual • Installation Instructions • 9 CD 2.0 Desktop reader/writer for programming cards • 3 pcs Mifare DESFire EV1 cards (13,56 MHz)

Cost savings by configurability

Idesco's flexible and configurable reader products preserve your capability for future technology updates and re-configurations. Our flexible card encoding tools, like DESCoder, make your work fast and easy. Our products are based on open technologies, which means that by our flexible, re-configurable readers and encoding tools you will secure the most convenient and cost effective future developments. By choosing Idesco's powerful configuration tools and new, updatable reader products you can also be prepared for shorter delivery times of readers that you are able to configure by yourself, whenever you want and according to your customer's wishes.

Better end user service

Our encoding products enable you to serve your own customers better. You can flexibly create configurations and unique security solutions for the end user's system and administrate them by Idesco's DESCoder tools. End users may also conveniently carry out card enrollment processes and encode new cards to the system from an existing card format, by Idesco's encoding tools especially designed for managing effortless card enrollment and card encoding tasks.