

# SmartTOOLS™ Programmer

Software suite for card programming and reader configuration

- ▶ Card Programming and Custom Configuration – Program IE Access Card formats and create SmartID™ configuration cards for reader configuration.
- ▶ Open Architecture Design – ISO 14443A MIFARE®/DESFire® contactless smart card, compatible for broad card interoperability.
- ▶ Data Security – Secure data transmission with 3DES encryption.
- ▶ Ergonomic Design – Takes up minimal space alongside keyboard and mouse in close proximity to user.



## ACCESS flexibility.

The SmartTOOLS™ desktop reader/writer is a flexible and highly secure contactless smart card tool ideal for customers that require card programming and custom configuration for new or existing installations.

SmartTOOLS is a software suite for ISO 14443 readers with part numbers 800-XXXX series. The software suite consists of two parts:

- ▶ ProxBurn (CPI00) 501-7753
- ▶ ReaderTOOLS™ (CPI01) 501-7756

### ProxBurn

ProxBurn (CPI00) is a card programming suite for MIFARE® Classic cards. Card programming options for MIFARE are:

- ▶ Output protocol: Clock-and-Data or Wiegand with parity output.
- ▶ Output format: two data fields [site code][card number] each with a flexible length up to 10 digits for Clock-and-Data ABA track 2 emulation or 32-bit for Wiegand output. Readers configured for ProxBurn cards will automatically output the card programming determined output protocol and format without further required reader configuration.
- ▶ ProxBurn provides the option for users to choose their own security keys for MIFARE cards. (Cards programmed with user defined keys require the readers to be configured for the user defined read key.)

### ReaderTOOLS

ReaderTOOLS (CPI01) is a reader configuration tool for ISO 14443 readers with part numbers 800-XXXX series.

ReaderTOOLS allows configuring readers for:

- ▶ Data Access keys.
- ▶ Data lookup: Fixed Sector or AID for MIFARE and AID (Application Identifier) and FID (File Identifier) for MIFARE DESFire®.

- ▶ Fixed Sector (MIFARE).
- ▶ Card data reading configuration.
- ▶ Output protocol and format configuration.
- ▶ PIN code output protocol and format configuration.

### System requirements

Operating system: Windows 2000 or higher  
 Processor: Pentium III, 500 MHz or higher  
 RAM: 256 RAM or higher  
 Disk space: 100 MB of available space or higher

### Sales information

ReaderTOOLS is only available for customers (including endusers) under NDA with HID.

SmartTOOLS is available for Windows 2000/XP/2003 professional.

### Language

English and Dutch

### Warranty

Hardware warrantied against defects in materials and workmanship for two years.

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