SIM Editor
Part Nr # SMA1000SWS
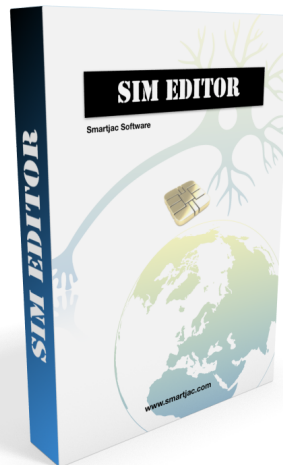
SMARTJAC
Identity Everywhere

Smartjac SIM Editor

TYPE OF CARDS

SIM Editor supports UICC cards for 3G/4G/5G. thus editing files in USIM and ISIM applications.

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CARD SUPPORT

SIM Editor supports all UICC 3G/4G/5G SIM cards. All SIM cards sold by Smartjac have default card profiles built-in from start. All other SIM cards can be added via the Scan & export functionality.

EVOLUTION

SIM Editor is constantly developed to support new features.

- SIM card administration by scripting methodology or instant read & write.

- Create a range of advanced scripts with the help of an easy graphical user interface and execute them quickly one-by-one within the tool to change parameters, populate files and edit settings on SIM cards.

- You can create 1000 scripts in a matter of seconds, and it only takes 3-4 seconds to select and execute the script on a SIM card!

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  - Browse files
  - Filter content *
  - Read content
  - Write content
  - Generate dynamic scripts
  - Faster execution of scripts *
  - Calculate OPc *
  - Generate Ki/Opc lists
  - USIM and ISIM support
  - PIN handling
  - Insert dynamic values
  - APDU logs
  - Interpretations
  - Scan non-default SIM cards
  - Export scanned cards to new card profiles *

*New in v2.8

SMARTJAC SIM Editor software tool addresses the SIM card administration by a scripting methodology.

You can create advanced scripts with the help of an easy graphical user interface and execute them quickly one-by-one within the tool to change parameters, populate files and edit settings.

One of the main advantages of this tool is that it's a tool optimized for content management of SIM/UICC cards very quickly, thanks to the ability to create a range of scripts using ranges and variables.

After populating your parameters, creating and executing scripts on cards is very quick.

You can also scan unknown cards as long as you have the PIN and ADM codes available.

SIM Editor provides a graphical interface for you to do the following:

Browse a specific card type's file system using the File Content table

Display the default content of data files in either an easy-to-read interpreted mode or its original binary representation.

Get file specific help and documentation

Read a file [EF] content from a SIM card

Write data directly to a file [EF] on a SIM card

Import Ki/Opc lists

Include AUTH keys in both USIM and ISIM in scripts

Prepare scripts by adding edited files to a script list

Creation of unlimited scripts with dynamic / incremental values in:

- IMSI

- MSISDN

- SPN

- ICCID

- ACC

- IMPU

- IMPI

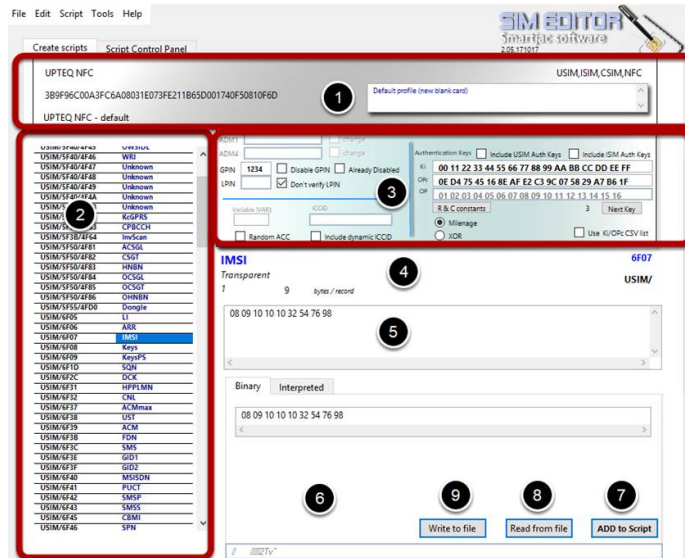Execute scripts to change contents on real SIM cards

See APDU logs during execution

Interpretation of errors after execution

Direct editing and saving of scripts

Ease of use

* Sample screenshot of main window

1. Basic information, ATR, name, etc
2. Elementary File table
3. PIN's, Auth keys and other variables
4. File specific information
5. File data
6. File data in Hex and interpreted mode
7. Add edited content to script
8. Read from SIM card
9. Write to SIM card

System requirements

- A laptop or workstation with:
  - A minimum of 2 GB of RAM.
  - 500 MB of available disk space.
  - Minimum screen resolution of 1440 x 900 on a 16:9 (widescreen) display.
  - One free USB port for the smart card reader.

- PC/SC-compatible usb sim card reader (such as IdBridge CT30/CT40).

- You must install a PC/SC compliant sim card reader supported by SIM Editor before you can work with real cards in SIM Editor. The SIM Editor Setup program automatically detects any compatible sim card reader connected to the local workstation.

- Operating systems:
  SIM Editor software runs under any of the following operating system (OS) :

  - Windows® 10
  - Windows® 8.1
  - Microsoft Windows® 7

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