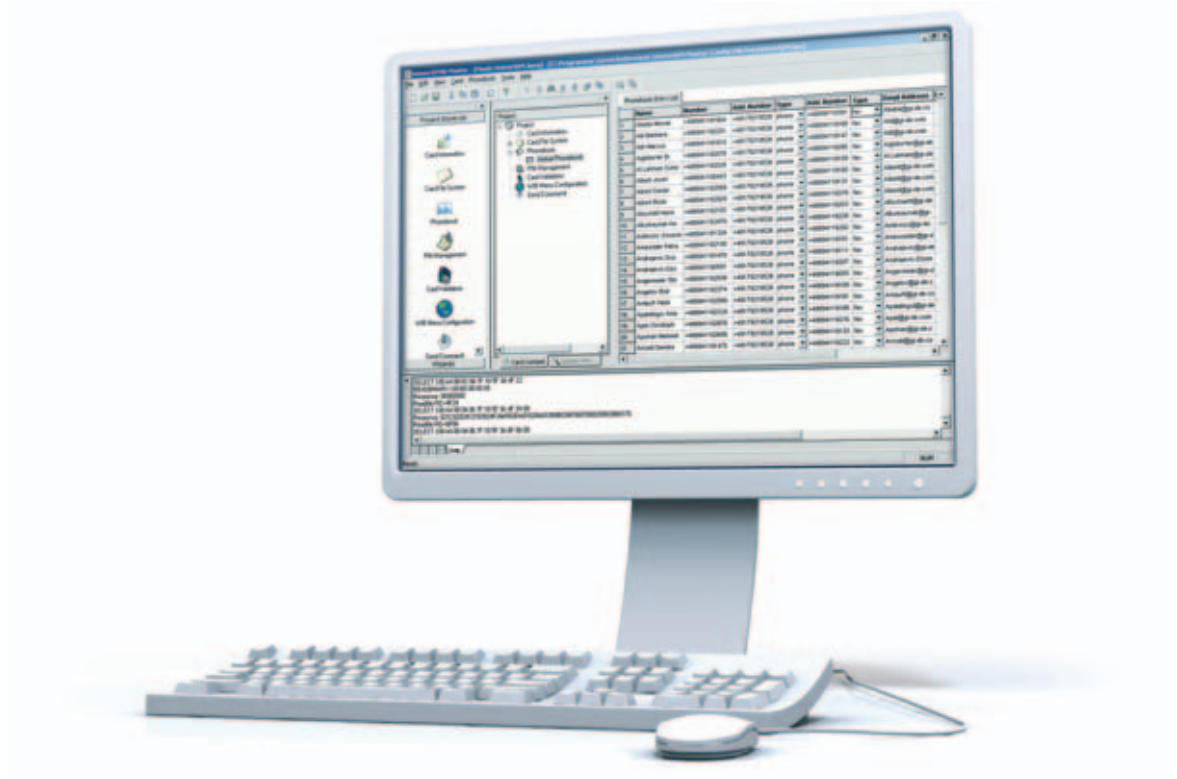




UniverSIM® Master

The professional way to explore (U)SIMs



State-of-the-art card evaluation and configuration made easy

The UniverSIM® Master is an innovative and powerful tool for reading, modifying, and downloading any accessible file on a SIM, USIM, combined card or R-UIM, independent of whether the card operating system is native or Java™. Due to the intuitive graphical user interface the tool is easy to use and the

(U)SIM engineer can conveniently test and analyse the card configuration.

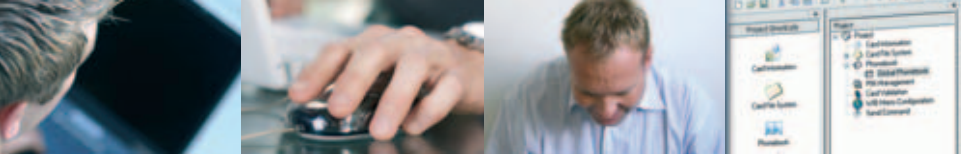
UniverSIM® Master has been enhanced by two new features: The Card Validation which can compare a (U)SIM to an electronic (U)SIM profile, and the WIB Menu Configuration, which helps you to easily link the WIB byte code that resides on the (U)SIM to an STK menu tree structure displayed on the mobile phone.

The features you need—served the way you want them

UniverSIM® Master contains all the functionality you need to professionally evaluate and configure (U)SIMs in your lab. You can read out, edit, and update any accessible SIM and (U)SIM file.



Giesecke & Devrient



The UniverSIM® Master is capable of displaying and editing all accessible files in plain text or HEX code.

General

- Display of basic (U)SIM data, e.g. ATR, ICCID, IMSI, free memory
- Card validation

File system

- Select, edit, copy, and save any file/directory on the (U)SIM
- Create HTML profile

Phonebook

- Read, edit, and save phonebook entries from the (U)SIM
- Configure phonebook on the (U)SIM

Update manager

- Define script sessions for batch updates of files
- Download pre-defined files, e.g. phonebook, user-specific data

Send command

- Create new APDU commands in addition to pre-defined APDUs
- Send APDU script

UniverSIM® Master—at a glance

UniverSIM® Master benefits

- Full support of all SIM Phase1, 2 and 2+, (U)SIM, R-UIM
- Full support of Java™ and native (U)SIM cards
- Intuitive graphical user interface for guaranteed ease of use
- Designed for SIM engineers with technical knowledge
- Fully supported 3GPP™ enhanced phonebook with features such as name, various phone numbers, e-mail

UniverSIM® Master is the perfect tool for

- Card to electronic profile validation
- Reading any (U)SIM file
- Updating all editable files, e.g. phonebook
- Saving any file content to disk
- Adding any new file to a script session

The UniverSIM® Master package contains

- 1 CD-ROM with UniverSIM® Master software
- UniverSIM® Master online user documentation
- 1 smart card reader
- Driver for smart card reader
- 1 license dongle
- 1 SIM card holder

System requirements

- Windows®-compatible PC (Pentium processor or higher) with 40 MB free hard disk space and CD-ROM drive
- Microsoft® Windows 2000 or Windows XP
- Microsoft® Internet Explorer 5.5 or higher
- Monitor (1024x768 resolution recommended)
- Mouse
- Serial or USB port for communication with card reader
- USB port for communication with hardlock device (license dongle). Hardlock with parallel interface on request

Giesecke & Devrient GmbH
Prinzregentenstrasse 159
P.O. Box 80 07 29
81607 Munich
GERMANY

Phone: +49 (0) 89 41 19-15 43
Fax: +49 (0) 89 41 19-15 40

www.gi-de.com/telecom
telecom@gi-de.com

© Giesecke & Devrient GmbH, 2005

UniverSIM® is a registered trademark of Giesecke & Devrient GmbH. Java™ is a trademark of Sun Microsystems, Inc. 3GPP™ is a trademark of ETSI. Microsoft®, Windows® and Windows NT® are either registered trademarks or trademarks of Microsoft Corporation in the United States and/or other countries.
All technical data subject to change without notice. G&D patents.



Giesecke & Devrient