

UniverSIM® WPKI

Authentication in your pocket



Everyone benefits from mobile identity services

Secure mobile identity services turn the mobile phone into a personal trusted device. The UniverSIM® WPKI card is a joint solution from G&D and Valimo. It enables a mobile operator to offer mobile signature services for both consumer and corporate account segments.

Mobile signatures are the key for secure mobile identity services

A mobile signature is a digital signature generated in a mobile phone.

The digital signature is the legal equivalent of your own signature.

A digital signature is created by typing a secret code (i.e. your signing PIN) into the mobile phone. This secret code in combination with the G&D UniverSIM® WPKI card and a chosen text triggers a cryptographic algorithm to generate the digital signature.



Giesecke & Devrient

Creating Confidence.



DIGITAL SIGNATURE



AUTHENTICATION



VALIDATION

Each of your digital signatures can be linked to a digital certificate (an electronic record) that vouches for your real-world identity. Thus, the digital signature is a unique feature for:

- Proving your real-world identity to third parties without face-to-face communications
- Making a legally binding commitment by sending a confirmed message to another party

The G&D and Valimo advantage

G&D and Valimo add value. Our solution has already been proven in a commercial environment. It is self-contained and works with certificate repositories from multiple Certification Authorities (CAs), i.e., adapts to any local PKI conditions.

The G&D UniverSIM® WPKI card works with any GSM 2.5+ phone.

Mobile signature applications

Three applications that benefit from mobile signatures are:

- Digital signing of pdf documents and texts on a website
- User authentication for logging into a VPN
- Confirming payments or money orders without a PIN/TAN list in an online bank account

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 19-11 40

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

© Giesecke & Devrient GmbH, 2008

UniverSIM® is a registered trademark of Giesecke & Devrient GmbH. Technical data subject to change without notice. G&D patents.

