

FOR PRECISE TERMINAL TESTING



→ FOR YOUR IT³
IT³ DIGITAL SIMULATOR

Logical terminal testing. Our digital simulator offers card-free terminal testing, allowing simulation of an Smart Card. Protocol parameters can be set and analysed and communication can be monitored using the integrated IT³ Monitor.

- MONITOR
- DIGITAL
- ANALOG

COMPRION

→ FOR YOUR IT³

IT³ DIGITAL SIMULATOR

Technical details

- Simulation of Smart Cards with T=0 and T=1 in accordance with ISO/IEC 7816-3
- Setting of the protocol parameters
- Analysis of the protocol parameters
- Analysis of the protocols T=0 and T=1
- Support of voltage classes 1.8V, 3V and 5V
- Monitoring of the communication with IT³ Monitor
- Timing analysis of transmitted signals
- Timing measurement in etu and seconds
- Support of enhanced speed up to 16 clock cycles per etu at 10 MHz
- Error simulation

Simulation modules

- GSM SIM simulation – 3GPP TS 51.011
- 3G UICC/USIM simulation – ETSI TS 102 221, 3GPP 31.102
- GSM SAT simulation – 3GPP TS 11.14
- 3G USAT simulation – 3GPP TS 31.111

Available test suites

GSM

- 3GPP TS 51.010-1 Test Cases Digital
- 3GPP TS 11.10-4 SAT Test Cases Rel. 99 Stage I + Stage II

3G

- 3GPP TS 31.121/ETSI TS 102 230 Test Cases Digital
- 3GPP TS 31.124/USAT (under preparation)

CDMA 2000

- 3GPP2 C.S0048-0 Digital

Platform specification

Integrated PC with

- Ethernet 10/100 MBit
- RS 232
- DVI/VGA graphics adapter
- USB
- CD RW
- Keyboard
- Mouse

Operating system/software

- MS Windows 2000 prof.
- MS Visual C++

Add-on products for this platform

- IT³ Live!
- (U)SAT Editor
- GSM-Translator
- UMTS-Translator
- CDMA-Translator

MONITOR

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