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Beschreibung:

Trusted Logics's jTOP® ID Operating System on SLE 78

Flexible Java Card™ platform for ID and enterprise applications

jTOP® ID is a versatile platform compliant with Java Card 3.0 and GlobalPlatform 2.2.1, and based on Infineon's SLE 78 security controller with Integrity Guard. This CC EAL 5+ certified controller offers full encryption of the data path – a unique feature in the market. Even within the CPU, data is only processed in encrypted form. Digital error detection over the complete data path is completed by two CPUs that continuously monitor each other's operation.
Featuring the Trusted Logic operating system, this platform delivers highest security levels, compliance with international standards and the flexibility needed for smooth integration into a wide range of governmental infrastructure applications.The platform provides a defensive virtual machine and is certified CC EAL 5+ following the latest Java Card protection profile.
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Zielanwendungen:

jTOP ID supports all major governmental applications such as

- national eID
- electronic driver's license
- eHealth
- electronic social security
- ePassport.

The LDS and eSignature applets are compliant to the ICAO 9303, ISO/IEC 18013 and EN 14890 standards respectively and support RSA as well as Elliptic Curve based cryptography. Custom applets can be developed with the on-card debugger and rolled out using the IDE.

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