



MULTOS Product Directory

Section 8

MULTOS OS Developers

v7.00



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MULTOS Operating Systems Developers

DNP/Hitachi
Keycorp/Infineon
Samsung SDS



MULTOS OS Developers

DNP/Hitachi



This implementation of MULTOS version 4 is a co-development between three MAOSCO consortium members, and follows on from the MULTOS version 3 development, which was brought to the market at the end of 1998.

Hitachi Limited has joined with DNP in the MULTOS version 4 project, and the operating system will reside on the newest H8 based secure micro-controller from Hitachi – the H8/3114

For the list of available products, please visit www.multos.com/technology/products/dnp-hitachi

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MULTOS OS Developers

Keycorp/Infineon

KEYCORP LIMITED



Keycorp MULTOS Smartcard powered by Infineon's leading edge chip technologies

First implementation of the MULTOS Version 4 multi-application operating system was developed by Keycorp and is available as a standard product on the Infineon SLE66CX chip family, with a range of EEPROM sizes. Since July 2000 Keycorp's MULTOS Implementation has been certified to the highest level of security (ITSEC E6), making it one of the most secure smartcards in the world.

Key features of Keycorp MULTOS Version 4 from Infineon:

- Advance Chip – based on a Infineon SLE66 + series chip with an 8051 CPU core and Cryptographic coprocessor
- Up to 96 Kbytes ROM – full implementation of MULTOS and some industry standard codelets included in ROM
- Variety of EEPROM – provides space for application code and non-volatile data specific to customer needs
- Interapplication communication – The Delegate primitive enables an application to delegate commands to other applications
- Efficient memory management – The application memory released when applications are removed is defragmented to give full access to available memory
- MULTOS Version 4 security standards – the card conforms to all security requirements of the MULTOS Version 4 specifications

To fulfil market demand, Keycorp continues to enhance current MULTOS with advanced features. For the latest available product range, please visit www.multos.com/technology/products/keycorp

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MULTOS OS Developers

Samsung SDS

SAMSUNG SDS

Samsung SDS joined the MULTOS Consortium in 2005 and has since implemented a wide range of MULTOS products. For the list of the latest available products, please visit www.multos.com/technology/products/samsung-sds

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