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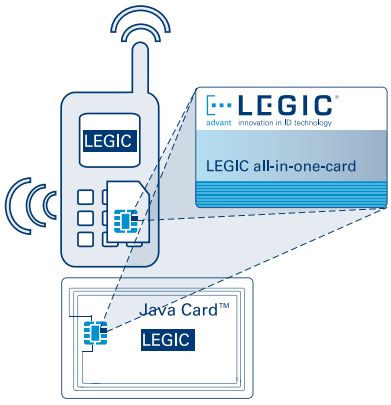
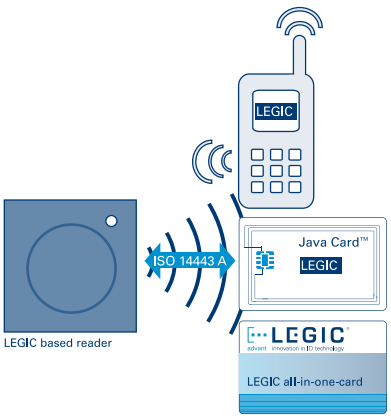
advant

advanced contactless smart card system

LEGIC advant innovation in ID technology



LEGIC card-in-card solutions – integrate the LEGIC all-in-one-card into the credential of your choice.



Use the LEGIC all-in-one area on third party cards or NFC phones the same way as regular LEGIC all-in-one-cards.

LEGIC card-in-card solutions

LEGIC all-in-one area

Explore contactless and secure multi-applications with the LEGIC all-in-one area on third party Java Card™ systems.

The LEGIC all-in-one area is part of the LEGIC card-in-card solutions. It emulates a LEGIC transponder on contactless or dual interface smart card platforms provided by third parties.

Seamlessly integrate logical access to PCs and networks and the LEGIC all-in-one area for physical access and related multi-applications on the same smart card chip. Create additional revenue in business and consumer markets through support of mobile phones featuring Near Field Communication (NFC).

Benefits

- Use LEGIC on open card architectures including Java Card™
- Combine a vast choice of LEGIC applications with Java Card™
- Open new markets through LEGIC support of NFC phones
- Seamless use of existing LEGIC advant infrastructure and applications
- Use dual interface microprocessor cards and NFC phones the same way like crypto transponders
- Activate LEGIC functionality at issuance or later in the field
- Exploit memory size for applications up to 4096 bytes
- Increase the level of security through smart card platforms
- Save costs by using a single chip solution

Target markets

- Combined contactless micro-controller smart cards with physical access and related multi-applications
- Logical access to PC and networks (PKI)
- NFC mobile phones
- Public transport schemes
- Contactless payment and credit cards
- Large-scale contactless ID projects

Standards

ISO — LEGIC RF standard — 13.56 MHz contactless technology

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LEGIC®
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Technical features for LEGIC all-in-one area

Type	AFS4096-JP
Delivery form	JavaCard™ applet
Memory size	4096 bytes
Max. number of applications	127
Authorisation concept	Master Token System Control™
Initialisation/ Activation	- Card supplier prepares third party platforms for LEGIC - System owner activates the LEGIC all-in-one area
Command set	Same command set as for ATC crypto transponders
RF I/F	ISO14443 A
Read/write range	<10 cm (depending on smart card platform)

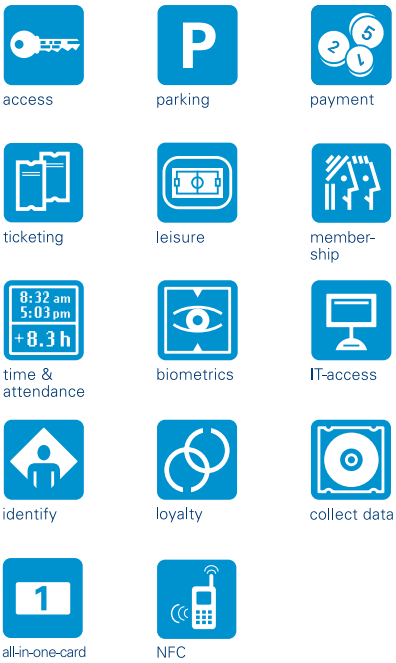
Supported smart card platforms

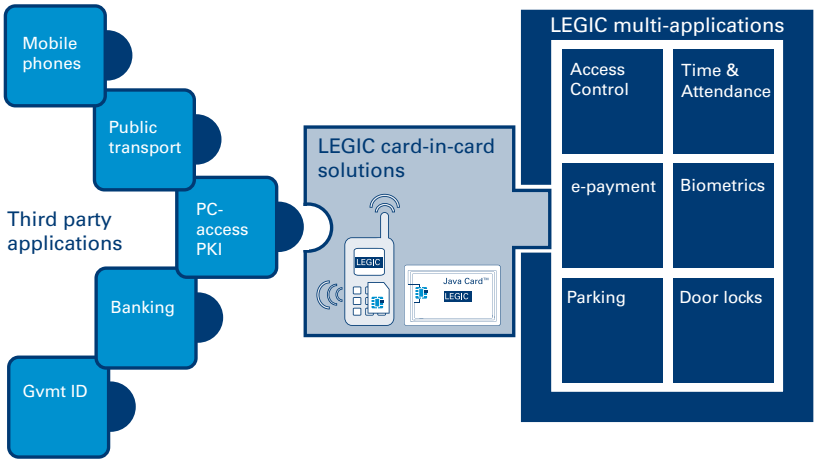
Platform	Non-volatile memory (EEPROM) / KB	Vendor	Vendor part number
JCOP31	36	NXP	P531x036
JCOP31	72	NXP	P531x072
JCOP41	72	NXP	P541x072

Compatibility

Reader module	LEGIC OS version	Contactless interface	Software up-grade
SM-2570	3.0 or higher	ISO14443 A	yes
SC-2560	3.0 or higher	ISO14443 A	yes
SC-2140	3.0 or higher	ISO14443 A	-

LEGIC advant – for single or multiapplications





LEGIC card-in-card solutions combine third party applications with LEGIC applications on the same smart card chip.

www.legic.com

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