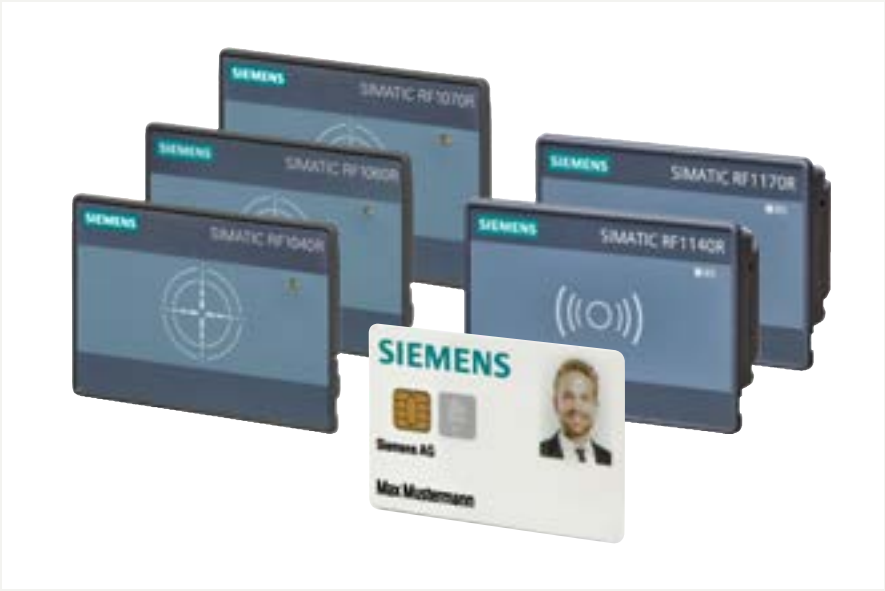
SIMATIC RF1000 overview

Website

Permits access management using existing employee IDs.



Industry Mall

Order your Starter Kit now!

Your benefits at a glance:

- Individual control of access rights and prevention of operating errors
- Individual, centralized assignment of rights via central databases including Active Directory
- Easy integration in HMIs via PM-Logon and PLC/ PC integration via Modbus TCP and XML

You can easily and flexibly boost process security thanks to electronic access management. SIMATIC RF1000 uses existing employee IDs as the basis for the necessary identification, allowing you to implement finely-graded access concepts, document processes, or store user-specific notes and instructions at a minimal cost.

Get to know the members of the product family

Readers

ID

SIMATIC RF1000: readers

Website

Discover a new level of simplicity in access control for machines and plants.

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SIMATIC **RF1040R**

Robust, compact, shallow mounting depth; standards: HF, LF; USB interface (1.8 m cable with USB connector, type A) and additional RS232 interface.

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SIMATIC **RF1060R**

Robust, compact, shallow mounting depth; standards: HF; USB interface (1.8 m cable with USB connector, type A) for connecting to Windows-based computers.

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SIMATIC **RF1070R**

Robust, compact, shallow mounting depth; standards: HF including Legic; with USB and RS232 interfaces.

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SIMATIC **RF1070R OEM**

Robust, compact, shallow mounting depth; standards: HF including Legic; OEM version with neutral front film for customer-specific design; with USB and RS232 interfaces.

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SIMATIC **RF1140R**

Robust, compact, shallow mounting depth; standards: HF, LF; Power over Ethernet or 24 V connector; RJ45 interface; Web-based management; XML and Modbus TCP protocols.

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SIMATIC **RF1170R**

Robust, compact, shallow mounting depth; standards: HF, including Legic; Power over Ethernet or 24 V connector; RJ45 interface; Web-based management; XML and Modbus TCP protocols.

SIMATIC RF1000: transponders

Website

With RFID for secure access control for machines and plants.

The transponders listed below are ideal for use with the SIMATIC RF1000 system.

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MDS D100

85 x 54 x 0.8 mm (L x W x H), ISO 15693, frequency 13.56 MHz, NXP ICODE SLI, 112-byte user memory, printable on both sides, up to +80 °C, IP68, 650 mm range.

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MDS D124

27 x 4 mm (Ø x H), ISO 15693, frequency 13.56 MHz, NXP ICODE SLI, 112-byte user memory, non-printable, heat-resistant up to +180 °C, IP68, 300 mm range.

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MDS D200

86 x 54 x 0.8 mm (L x W x H), ISO 15693, frequency 13.56 MHz, TI TAGIT HFI, 256-byte user memory, printable on both sides, adhesive, up to +60 °C, IP67, 600 mm range.

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MDS D324

27 x 4 mm (Ø x H), ISO 15693, frequency 13.56 MHz, INFINEON SRF 55V10P, 992-byte user memory, non-printable, M3 screw, adhesive, heat-resistant up to +140 °C, IP67, 280 mm range.

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MDS D400

85 x 54 x 0.8 mm (L x W x H), ISO 15693, frequency 13.56 MHz, FUJITSU MB89R118, 2000-byte FRAM user memory, adhesive, printable on both sides, up to +60 °C, IP67, 650 mm range.

SIMATIC RF1000: transponders

Website

With RFID for secure access control for machines and plants.

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MDS D424

27 x 4 mm (Ø x H), ISO 15693, frequency 13.56 MHz, FUJITSU MB89R118, 2000-byte FRAM user memory, M3 screw, adhesive, non-printable, up to +100 °C, IP67, 300 mm range.

Industry Mall

MDS D524

27 x 4 mm (Ø x H), ISO 15693, frequency 13.56 MHz, FUJITSU MB89R118, 8192-byte FRAM user memory, M3 screw, adhesive, non-printable, up to +100 °C, IP67, 300 mm range.

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MDS E600

Data memory (752-byte EEPROM) in credit card format; universally usable; degree of protection IPA; up to +60 °C; max. read / write range 70 mm.

Industry Mall

MDS E611

Data memory (752-byte EEPROM) in credit card format; universally usable; degree of protection IP68; up to +85 °C; max. read / write range 100 mm.