

# Security Products Lifecycle News

Customer Edition

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## Delivery Release –Next Generation of Mifare Card Readers and Configuration Card Creation Tools.

Siemens' Security Products business segment is delighted to inform you about the sales release of our new Mifare Card readers, that provide many new exciting features and improved reading ranges.

If you have any questions about this SPLN, please contact [matt.haynes@siemens.com](mailto:matt.haynes@siemens.com)

### Features include:

- Attractive modern design
- Graphical OLED display
- Easy to use and install
- Supported by SiPass integrated MP 2.5 or later
- Ability to read the latest Mifare classic, plus and DESfire EV1.
- Vandal resistant
- Card reader or card reader with keypad and display variants
- Complete USB configuration software tools for programming & configuration.

Security Products

[www.siemens.com/securityproducts](http://www.siemens.com/securityproducts)

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**SIEMENS**

## Feature Description

Key  
Market  
USP

### 1. Graphical OLED display

Our next generation of smart card readers have a modern look and feel that are easy to install, use and maintain. The variants with keypad also have a Graphical OLED display that can benefit from showing info messages, arming/disarming etc, resulting in improved and enhanced user interaction "at the door".



### 2. Light frame and high quality keypad with tactile feedback.

All models have three indicator LEDs. These are complimented with a multi tone buzzer that can offer audio verification as well. Additionally, they have a multicolour light guide that runs around the outside perimeter of the card reader face that can also be configured to follow the indicator LEDs.

Key  
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USP



On the variants with keypad each key has a backlight for easy navigation.

### 3. Supported by SiPass integrated MP 2.5 or later

The new range of card readers have been designed to work exclusively with SiPass integrated in the first release, and will be launched in conjunction with SiPass integrated MP2.65, however they will work with all SiPass integrated systems running on MP2.5 or later\*.

Please note that SiPass integrated systems will be able to support a mixed installation of our new card readers with our existing AR618x-MX/MS/MT card readers, but not on the same reader interface (DRI/ERI).

\*) In order to be able to use the card readers with SiPass integrated, the customer must run SiPass integrated MP2.5 or later. Customers that run versions earlier than MP 2.60 SP3 need to install a script file and to upgrade the DRI/ERI. Please contact TCC for assistance..

### 4. Easy to install and maintain

They are easy to install and maintain since only four wires are needed to connect the reader to the system, and configuration can easily be achieved by using a config card. Future firmware upgrades are implemented directly via the SiPass integrated system\*\*.

\*\*Requires SiPass integrated MP 2.65 or later. For earlier versions the ARxxS-MF FW Upgrade Utility has to be used.



### 5. NFC ready



The card reader hardware is already setup to support NFC (Near Field Communications) technology making the customer's investment future proof.



### 6. Support for the latest Mifare card technologies



The new card reader range supports the latest Mifare card technologies including reading of:

- Mifare Classic (UID, S/B) 1k and 4k bytes cards
- Mifare Plus (UID) 2k and 4k bytes cards
- Mifare DESFire EV1 (UID, application/file) 2k, 4k and 8k bytes cards



## 7. Vandal resistant

When surface mounted, the card readers comply to IK08 vandalism protection, offering piece of mind that they can be installed in the harshest environments.

## 8. Built in light sensor

The intensity of the display, indicator LEDs, light frame and backlight of the keys is automatically adapted to the environment the card reader is installed in.


## 9. CE compliant

The card readers comply with the latest CE standards.

## 10. 3CT Configuration Card Creation Tool

The Configuration Card Creation Tool, 3CT, is easy to use for creation of configuration card for the card readers. With the 3CT tool it is possibility to configure the function of the light frame, LED, buzzer, back-light of the keypad, set the reader address and define card reading profiles for the reader. The 3CT-kit includes the 3CT Software, the 3CT encoder and 3CT configuration cards.

## Product description

|  |   |
|--|---|
|   | <p><b>AR11S-MF, Mifare card reader including an adapter plate used for mounting on UK back boxes and an extension cable</b></p> <p>Designed for today's bright, clean interiors, yet robust in service, the AR1xS-MF is easy to install, use and maintain.</p> <p>The AR1xS-MF has three indicator LEDs and a multi tone buzzer for audio verification. A multicolour light frame enforces access status information. This can be configured to follow the indicator LEDs, or any number of different options.</p>  |
|  | <p><b>AR41S-MF, Mifare card reader with keypad and display including an adapter plate used for mounting on UK back boxes and an extension cable</b></p> <p>Designed for today's bright, clean interiors, yet robust in service, the AR4xS-MF is easy to install, use and maintain.</p> <p>The AR4xS-MF has three indicator LEDs and a multi tone buzzer for audio verification. A multicolour light frame enforces access status information. This can be configured to follow the indicator LEDs, or any number of different options. It has a high quality backlight keypad with tactile feedback as well as a graphical OLED display to maximise user interaction with arming, access and recognition messaging etc., resulting in improved and enhanced user interaction "at the door". Display brilliance is set automatically by an inbuilt light sensor.</p> |
|  | <p><b>3CT, Configuration Card Creation Tool</b></p> <p>The Configuration Card Creation Tool, 3CT, is easy to use for creation of configuration card for the card readers. With the 3CT tool it is possibility to configure the function of the light frame, LED, buzzer, back-light of the keypad, set the reader address and define card reading profiles for the reader.</p>  |
|  | <p><b>3CT-C, Configuration Card for 3CT 10pcs</b></p> <p>Configuration Card need for the 3CT.</p>   |
|  | <p><b>3CT-E, Encoder for 3CT</b></p> <p>Encoder reader for 3CT. Using the USB-PORT</p>  |
|  | <p><b>3CT-KIT, Configuration Card Creation Kit</b></p> <p>The 3CT-kit includes the 3CT Software, the 3CT encoder and 3CT configuration cards</p>  |

## Order Information

| Product name | Product description   | Order number            |
|--------------|---|-------------------------|
| AR11S-MF     | Mifare card reader including an adapter plate used for mounting on UK back boxes and an extension cable                         | <b>S54504-F101-A200</b> |
| AR41S-MF     | Mifare card reader with keypad and display including an adapter plate used for mounting on UK back boxes and an extension cable | <b>S54504-F102-A200</b> |
| 3CT          | Configuration Card Creation Tool  | <b>S54508-P103-A100</b> |
| 3CT-C        | Configuration Card for 3CT 10pcs  | <b>S54515-Z101-A100</b> |
| 3CT-E        | Encoder for 3CT   | <b>S54504-Z101-A100</b> |
| 3CT-kit      | Configuration Card Creation Kit   | <b>S54504-S101-A100</b> |