



Managing device access - MiCard MultiTech4-NT

By combining a card reader with uniFLOW Online and uniFLOW, businesses can lock printers, scanners, or multi-functional devices while allowing authorized users quick and easy access. These users identify themselves on the device by swiping a contactless card, thus unlocking the machine. Three MiCard MultiTech4-NT card reader variants meet various customer requirements regarding card types and technologies used.



A wide range of card types

The MiCard MultiTech4-NT card readers allow businesses maximum flexibility regarding integration with uniFLOW Online and uniFLOW into the existing environment. They support all major card types in the 13.56 MHz and 125 kHz frequency ranges. Depending on the specific requirements, businesses have the choice of

- MiCard MultiTech4-NT-P
- MiCard MultiTech4-NT-PI
- MiCard MultiTech4-NT-P LEGIC

While variant-P supports a large number of contactless cards already, variant-PI is capable of reading HID® iCLASS SE®/SR® and Seos® advanced technology. The MiCard MultiTech4-NT-P LEGIC specializes in LEGIC technology.

Flexible configuration

The MiCard MultiTech4-NT card readers can be configured using the AppBlaster (NT-ware Edition). Depending on the environment, they can be set to support several card types simultaneously, regardless of technology and frequency range.¹ This means businesses deploying more than one card do not have to use different card readers or attach RFID stickers to existing cards to provide users with access to devices. Should a company's requirements change, the MiCard MultiTech4-NT card readers can be reconfigured without incurring further costs for new hardware. Customized configuration tailored to specific customer requirements is also possible with the MiCard MultiTech4-NT card readers.²

Remote configuration updates

The MiCard MultiTech4 Remote Update Tool can efficiently manage a remote configuration update of MiCard MultiTech4 card readers. It is suitable for Canon MEAP or Canon AddOn devices in a uniFLOW Online or uniFLOW environment. The tool allows the selection of single or multiple devices and the remote upload of the required firmware image to the connected card readers. Regardless of the number of card readers or customer locations affected, the easy-to-use, wizard-driven application enables a secure configuration update within a remarkably short time involving a small administrative effort.



Many printers, attached or embedded

The MiCard MultiTech4-NT card readers can be used with all current Canon multi-functional devices, printers, and scanners. Furthermore, they are generally supported on Brother, Epson, Konica Minolta, Lexmark, OKI, Sharp, and Xerox multi-functional devices.³ The MiCard MultiTech4-NT readers can be placed outside a device so that users can see the LED flash on successful identification. They are also small enough to fit inside Canon imageRUNNER ADVANCE devices, so no external wires or cables could be accidentally unplugged.

Supported card types

The MiCard MultiTech4-NT card readers support all major card types in the 13.56 MHz and 125 kHz frequency ranges, reading their card serial numbers (CSN), unique identification numbers (UID), data from the card's memory, or certain sectors or blocks. The MiCard MultiTech4-NT-PI is capable of reading HID® iCLASS SE®/SR® and Seos® advanced technology, while the MiCard MultiTech4-NT-P LEGIC specializes in LEGIC technology. Depending on their variant, the card readers provide support for the following main RFID standards, which generally comprise several subtypes:

13.56 MHz

- HID® iCLASS® CSN
- HID® iCLASS® SE®/SR®/Elite
- HID® iCLASS® Seos®
- ISO 14443A
- ISO 14443B
- ISO 15693
- LEGIC Advant
- LEGIC Prime
- MIFARE Classic®
- MIFARE® DESFire®
- MIFARE Plus®
- MIFARE Ultralight®
- Sony FeliCa

125 kHz

- EM 410x (4100, 4102, 4105), 4150, 4200
- HID® Prox
- Hitag 1, 2, S
- Indala
- Keri
- Nedap

Please get in touch with NT-ware/raise a pre-sales (PS) request if

- You wish to determine the correct MiCard MultiTech4-NT card reader variant (-P/-PI/-P LEGIC).
- You wish to make sure your card is supported.
- You do not know the card to be read.
- The customer uses a specific protocol.
- The standard your customer uses is not listed here.

¹ The default configuration – as shipped by NT-ware - of MiCard® MultiTech4-NT card readers ensures maximum compatibility. Therefore, most supported card types are enabled by default. NT-ware highly recommends confining the card readers to the customer's specific card types to ensure the card readers' maximum performance.

² Customized configuration requires the involvement of the NT-ware Project Team.

³ uniFLOW Embedded Applets other than Canon may require the involvement of the NT-ware Project Team. In the case of Xerox, the team always needs to be involved.