



# Enhance security and improve productivity with unified printer authentication across your organisation

HP and proximity card readers from RF IDEas



## What if you could...

- Help protect confidential documents by releasing print jobs only to the right user?
- Enhance the security of networked printers by easily and accurately authenticating users?
- Support a wide variety of proximity cards with one common reader?
- Meet Health Insurance Portability and Accountability Act (HIPAA) requirements for log-on readers?

## With HP and RF IDEas—you can.



HP proximity card readers are the front end of a **fully integrated solution that secures devices and data** across the network, end to end.

### Multicard authentication for HP printing and imaging

Unified, enterprise-wide access control no longer has to be cumbersome or expensive. Now you can protect confidential information and manage access to printing and imaging devices by enabling user authentication through access cards and badges. HP card readers incorporate two communication protocols and support the wide range of proximity and secure-memory smart cards used for employee and partner identification. They're designed for simple, unobtrusive installation in HP network-connected printing devices, including A3, A4, and large-format printers.

### Network security for the world's most secure MFPs and printers<sup>1</sup>

HP printers and MFPs are the most secure printing devices in the world.<sup>1</sup> But it's easy for customers to overlook the fact that these network-connected devices serve as access points to the corporate network. As with any network endpoint, organisations need to actively control who has physical access and how. With HP proximity card readers, it's easy to secure networked printers and MFPs.

### Accurate authentication, end to end

Help eliminate the errors that can occur with individual, device-level identity and access management. HP proximity card readers are the front end of a fully integrated solution that secures devices and data across the network, end to end. They enhance accuracy and accountability in compliance with corporate policies and governmental privacy regulations such as HIPAA and General Data Protection Regulation (GDPR).

### Improved productivity

Authorised users can securely access network-connected MFPs and printers by simply flashing their employee badge. With no PINs or passwords required, it's the most secure, convenient, and efficient way to provide user credentials for authentication.

### Easy installation across the printer fleet

HP card readers fit into two designs of the Hardware Integration Pocket (HIP) on HP printers and MFPs. The card readers are configured using the HP Card Reader Configuration Tool.



## Wide-ranging, versatile support

HP proximity card readers support both HP and select non-HP devices. They communicate with the printing device and a variety of software applications using two primary communication protocols: HP MFP24 and keyboard emulation (Keystroke).

### HP Universal Card Readers (X3D03A).

These dual-band card readers support the HP MFP24 communication protocol, are capable of reading 125 kHz and 13.56 MHz frequencies simultaneously, and have adjustable volume. They can read up to four different card configurations simultaneously and support nearly every type of badge worldwide. The built-in SIM slot can be used to support iCLASS SE and Seos secure-memory smart cards. The HP Universal Card Reader is designed specifically for the latest HP Hardware Integration Pocket.

### HP HIP2 Keystroke Readers (Y7C05A).

Designed for the HP HIP, these readers support four card types simultaneously and are compatible with nearly every type of badge worldwide. These dual-frequency card readers emulate a keyboard, instantly sending employee information as keystrokes when the badge is waved over the reader. They can be used in a multivendor hardware environment and will support nearly any secure pull-printing software application. A built-in SIM slot supports iCLASS SE and Seos secure-memory smart cards.

### HP LEGIC Card Readers (4QL32A).

These powerful card readers fit the HP HIP and support 13.56 MHz LEGIC card technologies. They support both non-secure and secure memory capabilities for LEGIC advant and prime card types and feature adjustable volume control. They use the HP MFP24 communication protocol and can be configured to read several additional 13.56 MHz card types.

## Ordering information

Product #	Product name	Protocol	Supported card type
X3D03A <sup>2</sup>	HP Universal Card Reader	HP MFP24	13.56 MHz Card Types: aptiQ CSN (MIFARE), aptiQ CSN (MIFARE DESFire EV1), CEPAS, e-Tag CSN, FeliCa Lite, HID iCLASS, CSN, I Tag CSN, I-Code CSN, Identiv, ISO 14443A CSN, ISO 14443B, ISO 15693A CSN, LEGIC advant CSN, MIFARE Classic CSN, MIFARE DESFire CSN, MIFARE DESFire EV1 CSN, MIFARE Plus (Encentuate), MIFARE Plus (NXP), MIFARE Ultralight CSN, my-d (Infineon), Oyster, SecuraKey, Tag-It (Texas Instruments), Topaz, XceedID  The following solutions have been tested by HP and verified as compatible: HP Access Control, HP JetAdvantage Secure Print, Fenestrae Udocx, Genius Bytes GeniusMFP, Kofax SafeCom, LRS MFPsecure/Print, YSoft SafeQ
Y7C05A <sup>2</sup>	HP HIP2 Keystroke Reader	Keystroke	125 kHz Card Types: AWID, Cardax UID, CASI-RUSCO, CDVI, Cotag, Deister UID, Digitag, Dimpna UID, EM 410x, EM 410x Alternate, EM 410x/Marin, EM 410x/Marin Alternate, GProx-II UID, GProx-II UID, HID Prox, HID Prox UID, HiTag 1/S, HiTag 1/S Alternate, HiTag 2, HiTag 2 Alternate, IDTECK, IDTECK Alternate, Indala ASP Custom, Indala ASP+ Custom, Indala ECR Custom, Indala/Motorola ASP 26 Bit, Indala/Motorola ASP UID, ioProx / Kantech, ISONAS, Keri 26-bit UID, Keri 32-bit UID, Keri NXT/Farpointe/Pyramid 26 Bit, Keri NXT/Farpointe/Pyramid UID (128 bit), Nedap, NexWatch/ Nexkey/Honeywell, Paradox, Radio Key, ReadykeyPRO UID, Rosslare, Corbin Russwin UID, Urmet
Y7C07A	HP SIM for HID iClass for HIP2 Readers: X3D03A, Y7C05A		13.56 MHz Card Types: iCLASS ID, SE and Seos secure memory SIM installs in HP readers: X3D03A, Y7C05A
4QL32A	HP LEGIC Card Reader	HP MFP24	13.56 MHz Card Types: LEGIC advant Secure Memory, LEGIC prime Secure Memory, LEGIC advant CSN, LEGIC prime CSN, aptiQ CSN (MIFARE), aptiQ CSN (MIFARE DESFire EV1), e-Tag CSN, FeliCa, HID, iCLASS CSN, I-tag CSN (IBM), I-Code CSN, ISO 14443A CSN, ISO 14443B, ISO 15693A CSN, MIFARE Classic CSN, MIFARE DESFire CSN, MIFARE DESFire EV1 CSN, MIFARE Plus (Encentuate), MIFARE Plus, (NXP), MIFARE Ultralight CSN, my-d (Infineon), Oyster, SecuraKey, Tag-It (Texas Instruments), XceedID
Y7C06A	HP Ethernet 241 External Box		

<sup>1</sup> HP's most advanced embedded security features are available on HP Enterprise-class and Managed devices with FutureSmart firmware 4.5 or above and is based on HP review of 2018 published embedded security features of competitive in-class printers. Only HP offers a combination of security features for integrity checking down to the BIOS with self-healing capabilities. For a list of compatible products, visit: [hp.com/go/PrintersThatProtect](http://hp.com/go/PrintersThatProtect). For more information, visit [hp.com/go/PrinterSecurityClaims](http://hp.com/go/PrinterSecurityClaims).

<sup>2</sup> For other compatibility inquiries for the X3D03A and Y7C05A readers, please check with the solution providers.

Learn more  
[hp.com/go/printsecurity](http://hp.com/go/printsecurity)



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