

Powering the trusted identities of
the world's people, places & things

Cloud Printing

ECCA Workshop 2021

Level Up Your Card Issuance

Why Cloud Printing?

Cloud-based card issuance platforms simplify the complex, bringing together all the elements of a secure card issuance program into a centralized and integrated system

- The solution combines hardware, software, consumables and services through the most secure cloud technologies available
- Simplifies the operation and support of both local and distributed ID card issuance while increasing control and security
- Seamlessly integrates with popular access control and university One Card solutions



What can you do with Cloud Printing?

- Design unlimited, robust card templates
- Full printer visibility and control via the platform's real-time dashboard
- Remotely support printers anywhere
- Flexibility of an on-premise or hosted cloud solution
- Utilize Secure Print feature to safely and securely send encrypted print jobs to remote locations
- Enjoy peace of mind with end-to-end, banking-level certificate-based encryption of all sensitive card print data



A group of business professionals in a meeting. A woman in the foreground is looking at a tablet. The background shows several other people in business attire. The entire image has a blue tint.

ID card issuance today

Deeper Dive: Pain Points Isolated Workstations

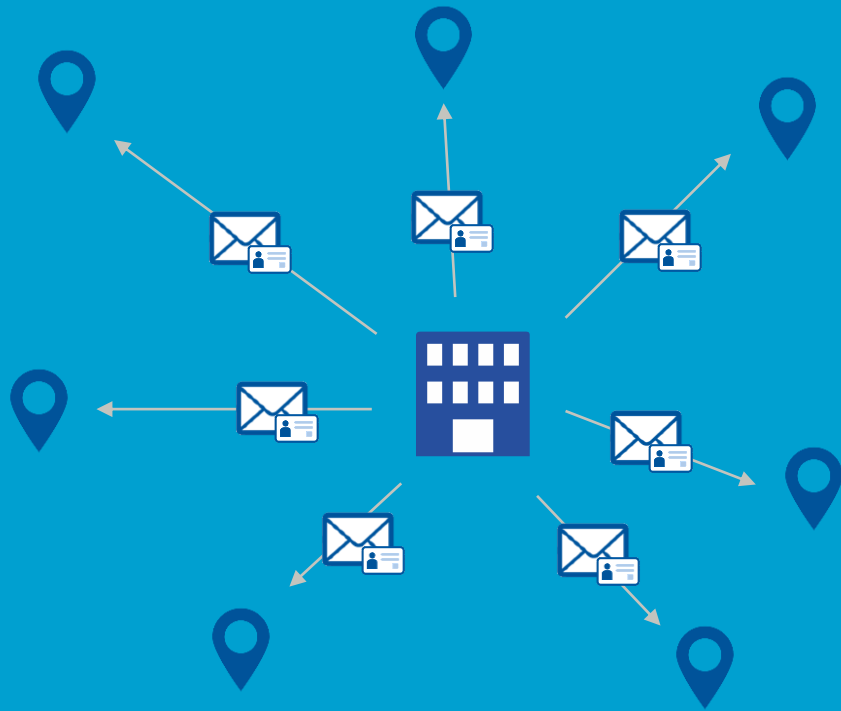


Locally installed PC-based software requires on-going reliance on IT support

- Windows and driver updates can stop the issuance process in its tracks
- Adding a new workstation or replacing an old PC takes time and money to implement

Limited flexibility to issue outside of the traditional card or security office

- Workstations are clunky
- Difficult to have multiple workstations share a pool of printers
- No option to issue from a hand-held device



Organizations are spending upwards of \$100K dollars each year to physically mail credentials around the world

Deeper Dive: Pain Points Distributed Issuance

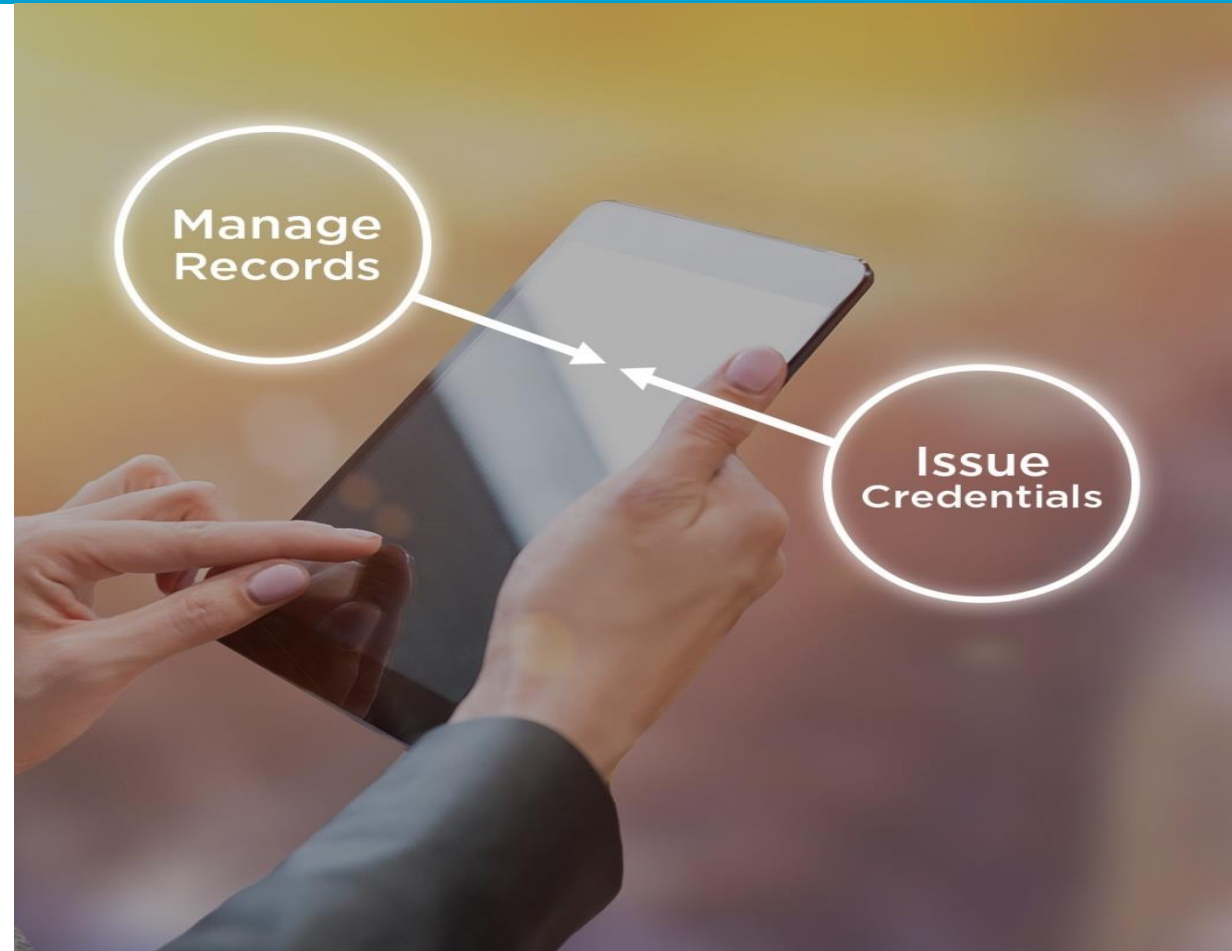
Impossible to simply issue credentials in a distributed environment today

- **Costly** – Dedicated personnel manage the print issuance process at each remote site
- **No Visibility** – Issuing cards from a centralized location to remote sites are issuing, “in the dark”
- **Weak Security** – Cards exposed if no personnel to collect them

The smarter way to issue ID cards.

Unified User Interface

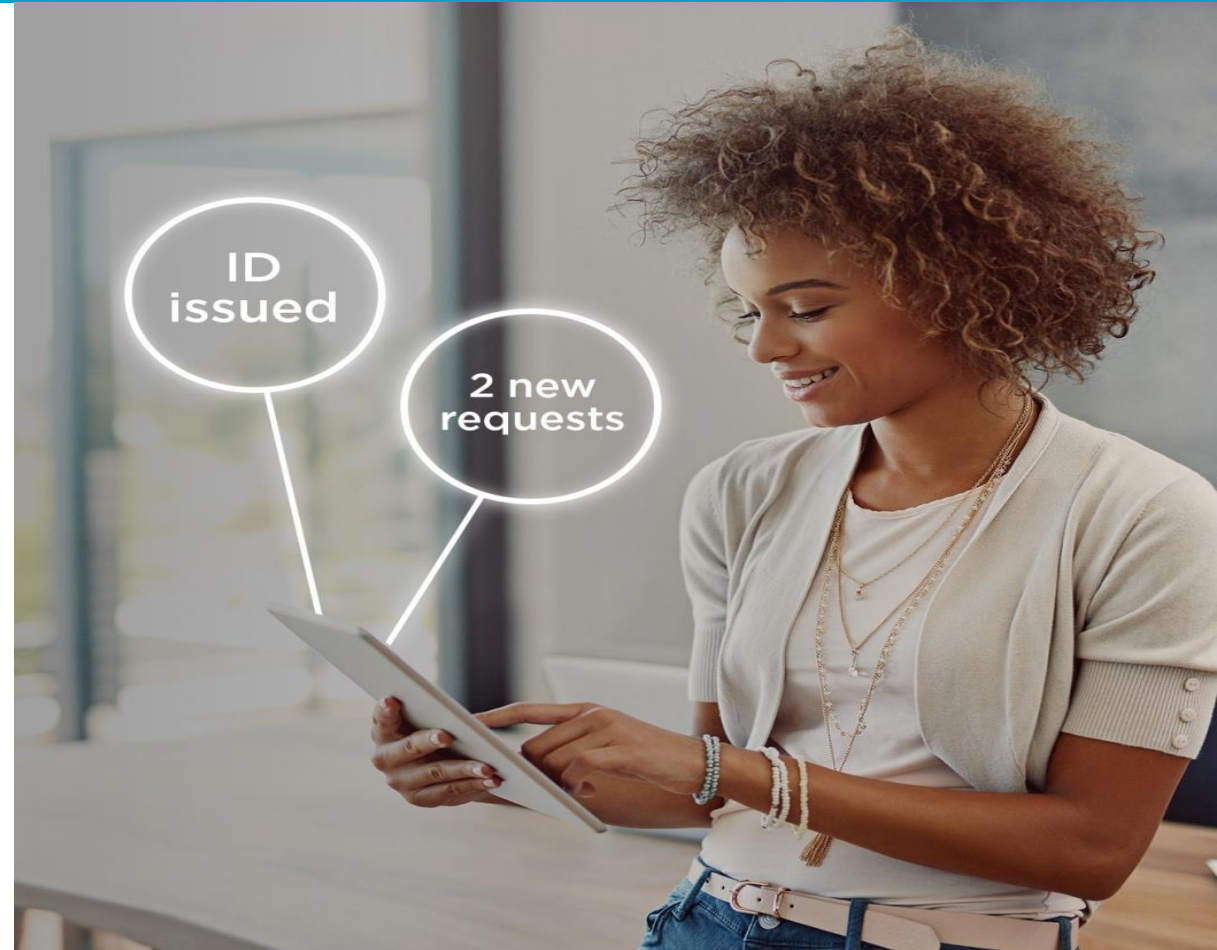
- No additional interface needed for issuing credentials
- No more toggling between applications
- Simplifies the issuance process within a single application, on any device



The smarter way to issue ID cards.

Connected Cloud *Issue from **any device** from **anywhere***

- ***No software or drivers to install***
- Manage from anywhere
- Improved flexibility and issuance experience



The smarter way to issue ID cards.

Centralized Visibility

- Real-time dashboard providing visibility of the entire system
- Eliminate consumables out-of-stock issues
- Takes the guesswork out of printer diagnostics



The smarter way to issue ID cards.

Secure Remote Issuance

- The Secure Print feature can be optionally enabled when printing at remote sites
- Requires operator to authenticate to the console to initiate printing



Deeper Dive: Pain Points Smart Card Issuance

Organizations commonly use a cumbersome two step process to issue/enroll smart cards:

1. Print the credential
 2. Manually enter the card number into an access control or student/employee management solution
- This two-step process is used so frequently that it has become the standard
 - Typing errors are common
 - **Limited to no options for smart card issuance over a network**



Print Card

Manually Enter
Card ID Number

The smarter way to issue ID cards.

Inline Personalization

- Automates enrollment of credential in technology partner application
- Simplifies operator involvement
- Eliminates manual entry errors
- Allows for a networked smart card issuance






Security and Compliance

The smarter way to issue ID cards

Security & Compliance Best Practices

- Cybersecurity must be a top priority
- End-to-end encryption;
- Personally Identifiable Info (PII) should never be stored
- Complies with data privacy requirements: GDPR compliant

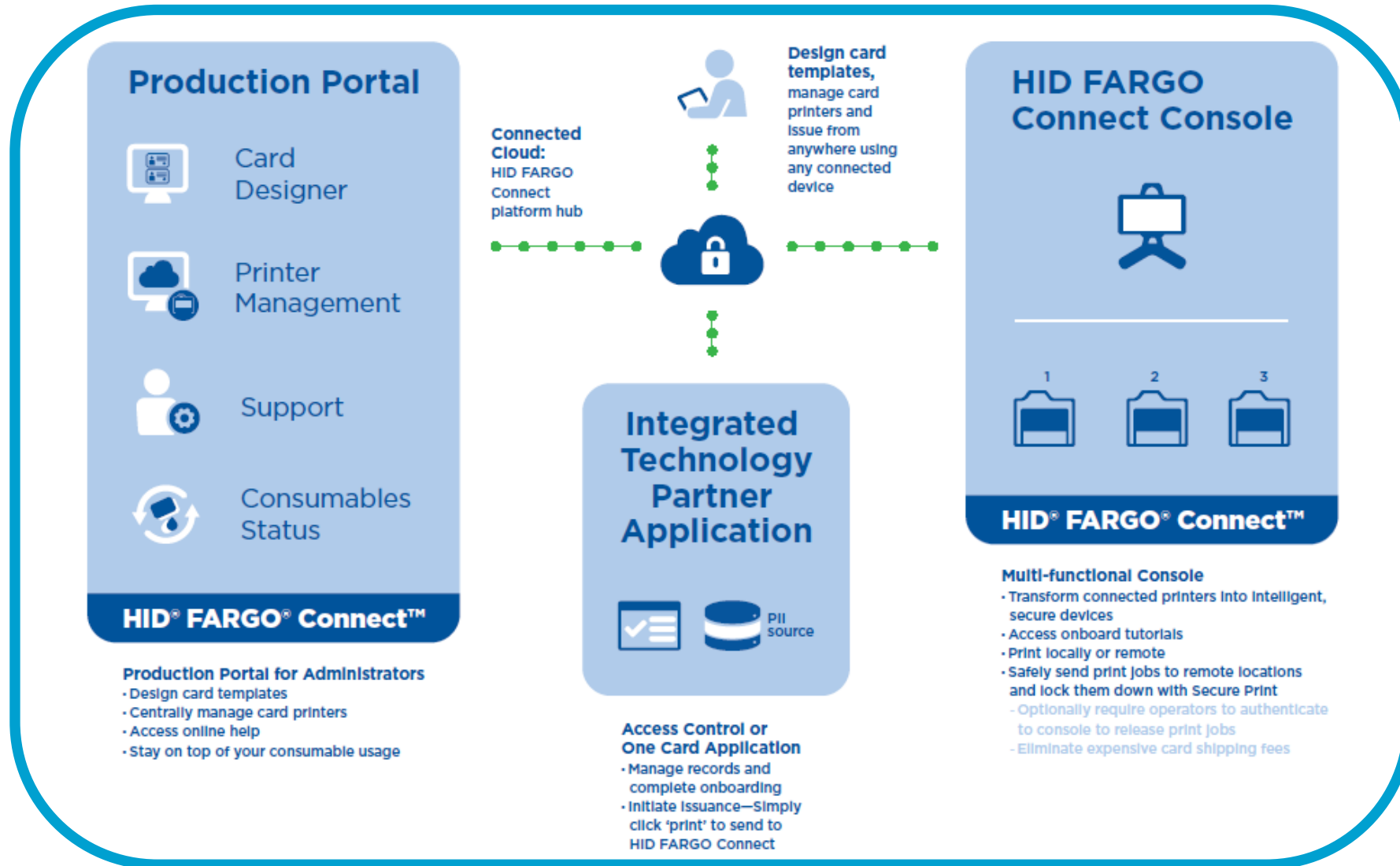




Solution Elements and Architecture / Platform

HID FARGO Connect Architecture Overview

Integrated, smart, connected



Production Portal

- Card Designer
- Printer Management
- Support
- Consumables Status

HID FARGO Connect™

Production Portal for Administrators

- Design card templates
- Centrally manage card printers
- Access online help
- Stay on top of your consumable usage

Connected Cloud:
HID FARGO Connect platform hub



Design card templates, manage card printers and Issue from anywhere using any connected device



Integrated Technology Partner Application



Access Control or One Card Application

- Manage records and complete onboarding
- Initiate Issuance—Simply click 'print' to send to HID FARGO Connect

HID FARGO Connect Console



HID FARGO Connect™

Multi-functional Console

- Transform connected printers into intelligent, secure devices
- Access onboard tutorials
- Print locally or remote
- Safely send print jobs to remote locations and lock them down with Secure Print
 - Optionally require operators to authenticate to console to release print jobs
 - Eliminate expensive card shipping fees



Powering
Trusted Identities

Thank you

hidglobal.com

David O'Driscoll
dodriscoll@hidglobal.com
+1 (613) 355-9739