



HELUG 2019 - The revolution of ID issuance

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ID card issuance today

The same limitations have plagued ID card issuance for 10–20 years



ISOLATED WORKSTATIONS

Locally installed software and updates; high costs, no remote card issuance



OFFLINE SUPPORT AND INVENTORY

No central management or visibility adds to downtime; no proactive support



LIMITED INTEGRATION

Jump between applications and cardholder databases to issue ID cards

Introducing HID® FARGO® Connect™

Systems today

Old paradigm

- PC and software management
- Shipping expenses to deliver credentials
- Locally maintained printers
- Issue from PCs
- Hours spent waiting on print queues
- Bouncing between applications



HID® FARGO® Connect™

New paradigm

- No PCs, software, or drivers to manage
- Secure Remote Issuance
- Centralized control and visibility
- Issue from any device
- Distributed inline personalization
- Unified user interface

HID® FARGO® Connect™

The smarter way to issue ID cards

Connected Cloud

*Issue from **any device**
from **anywhere***

- Improved flexibility and issuance experience
- **No software or driver to install**
- **Eliminates 3rd party managed printers and encoders**



HID® FARGO® Connect™

The smarter way to issue ID cards

Secure Remote Issuance

- Safely and securely send print jobs to remote locations
- No longer need to keep printers in a locked up room
- Huge cost and time savings – no longer need to ship cards



HID® FARGO® Connect™

The smarter way to issue ID cards

Secure and Compliant

- End-to-end encryption; IdenTrust™ certificates
- Personally identifiable info (PII) is never stored
- Complies with: HIPAA, FERPA, GDPR.

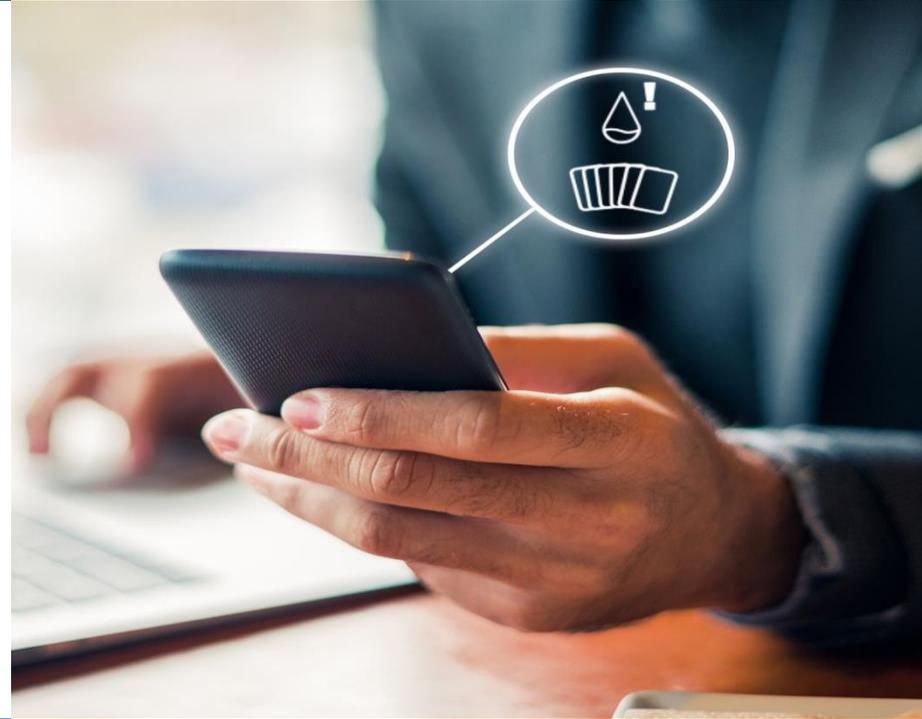


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The smarter way to issue ID cards

Centralized Visibility

- Real-time dashboard providing visibility of the entire system
- Eliminate out of stock issues
- Save valuable staff time

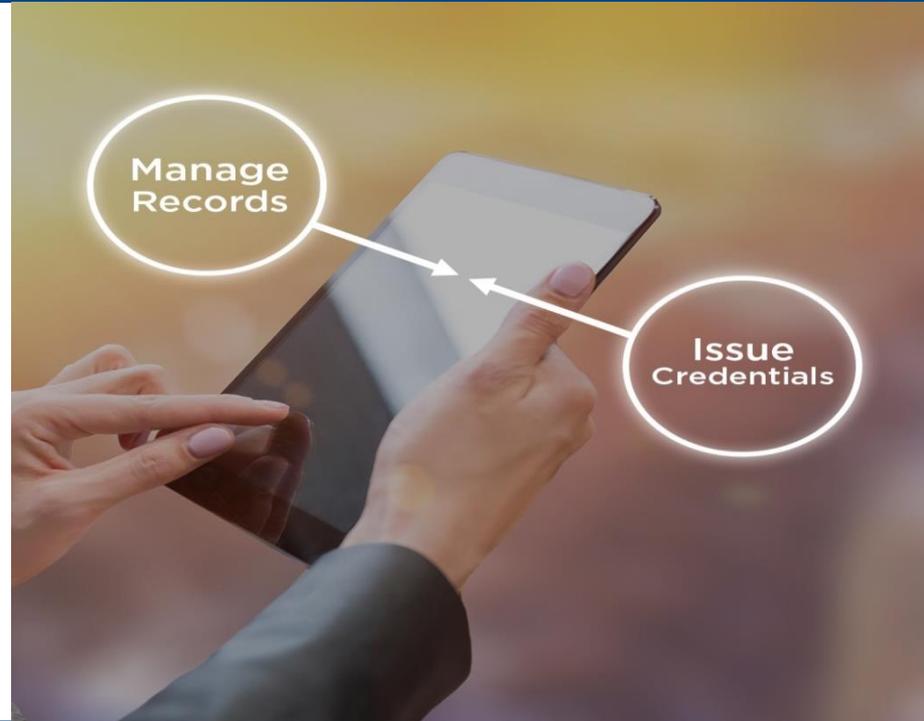


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The smarter way to issue ID cards

Unified User Interface

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



HID® FARGO® Connect™

The smarter way to issue ID cards

Inline Personalization

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



Two-Step Printing Process

Enter Record
Data

Print Card

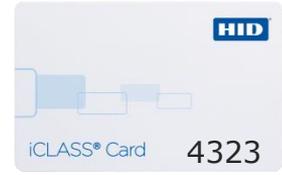
Hand Key Card
ID Number



One-Step Printing: In-Line Personalization

Enter Record Data

In-Line Print Personalization

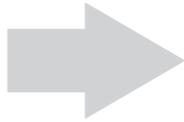


Inline Personalization Benefits



SIMPLIFIES THE COMPLEX

Issue a card with a single click - no jumping between multiple applications to issue credentials



INSTANT ACCESS

Cardholders will be able to use their card as soon as it is printed



INCREASED THROUGHPUT

Elimination of manual steps reduces the time it takes to issue card allowing operators to focus on other tasks

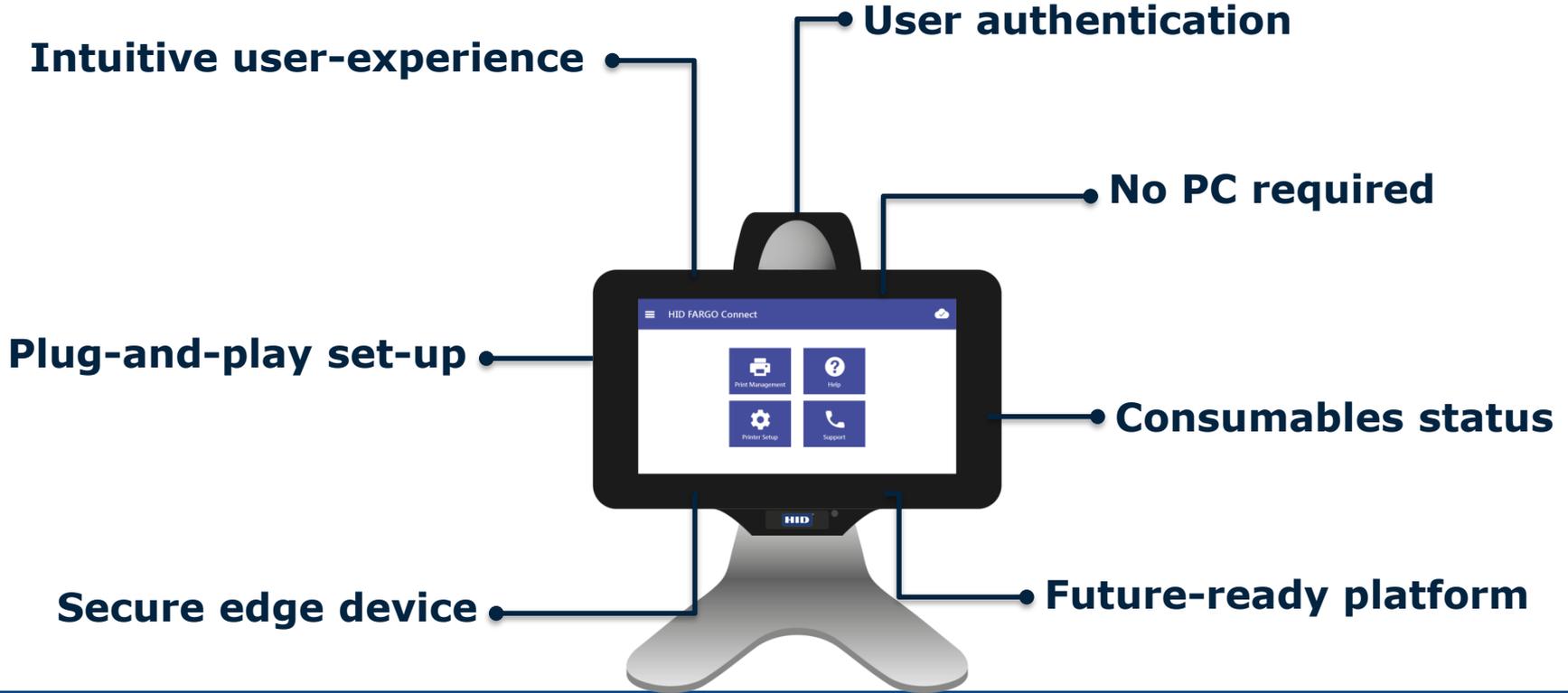


AUTOMATED PROCESSING

Effectively reduce errors that commonly occur during the two-step contactless personalization process

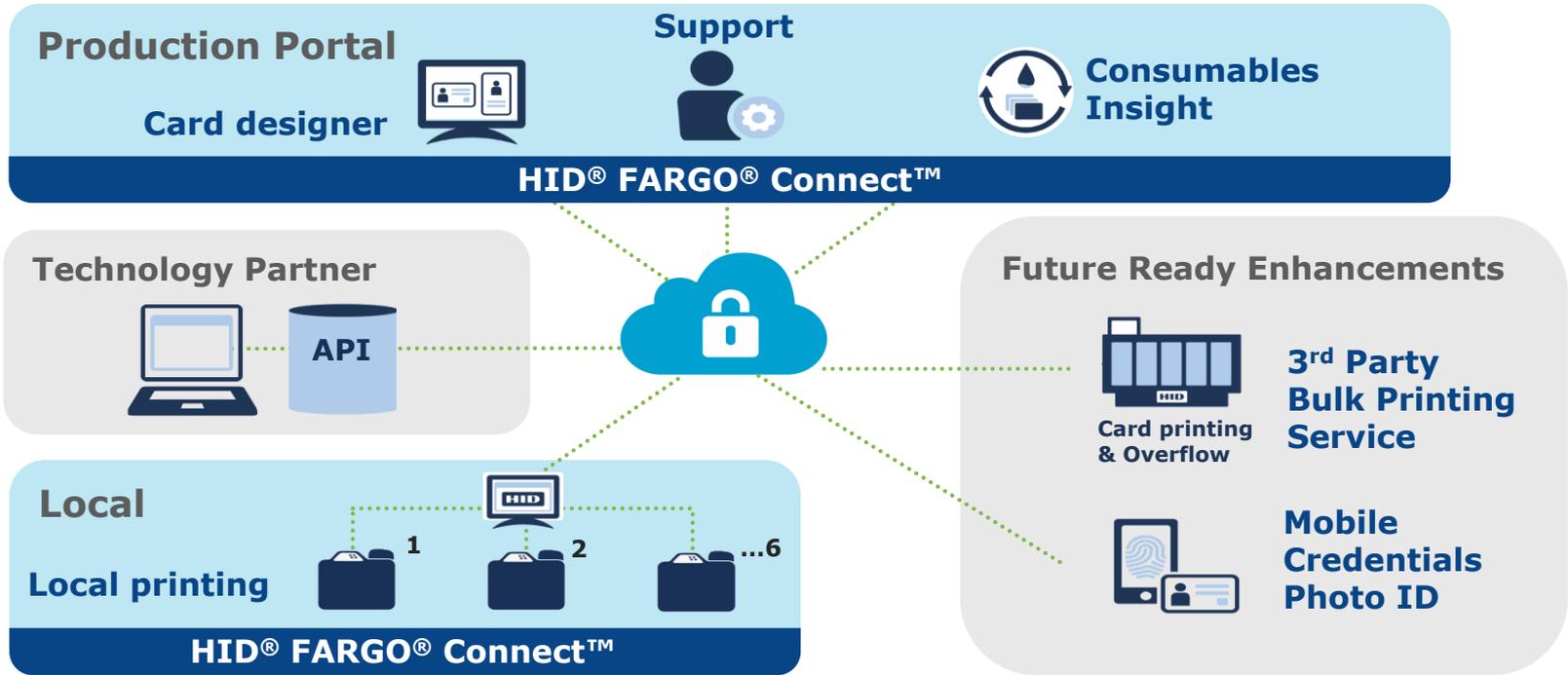
Issuance Console

Delivering connected printers



HID FARGO Connect High-level Architecture

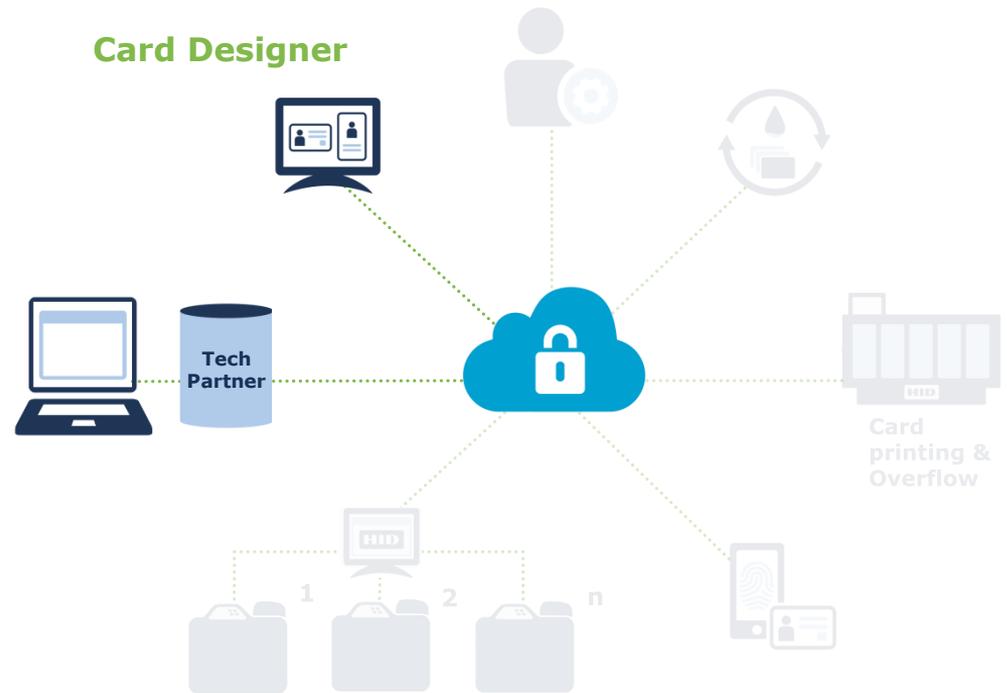
Integrated, smart, connected



HID® FARGO® Connect™ Architecture

Web-Based Card Designer

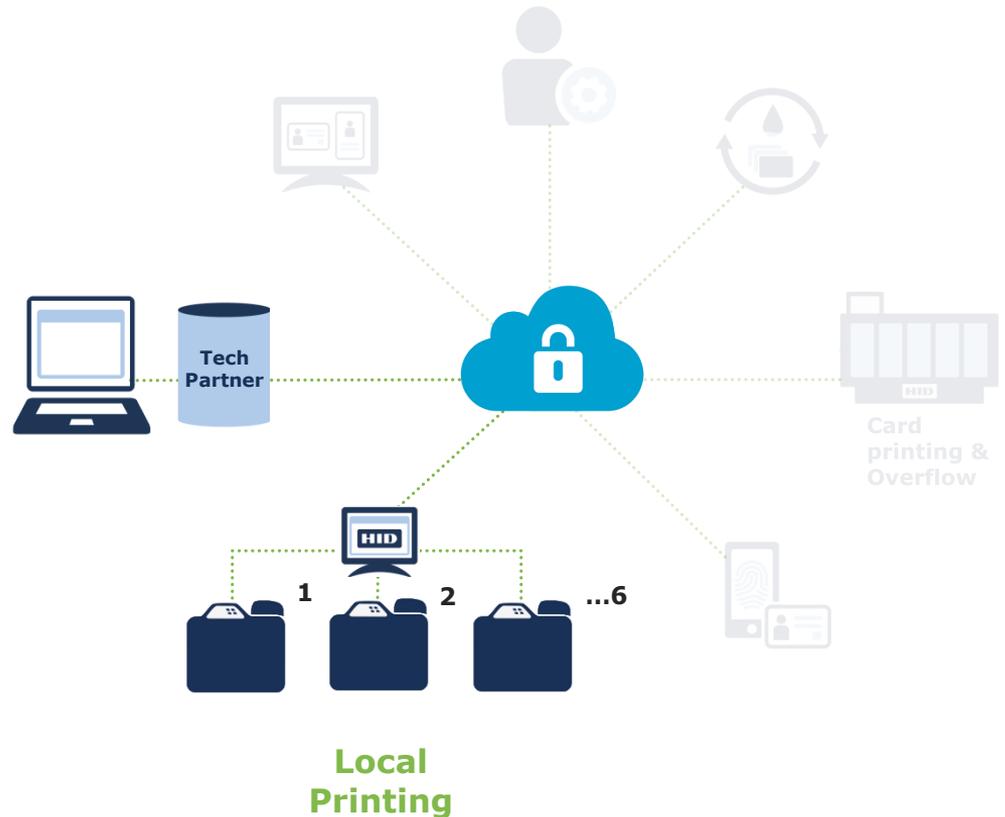
- Eliminate locally installed card software
- Simplify management and deployment



HID® FARGO® Connect™ Architecture

Card Printing

- Eliminate the need for a dedicated PC
- Manage from anywhere
- Eliminate software install and maintenance
- Utilize all available resources with auto print

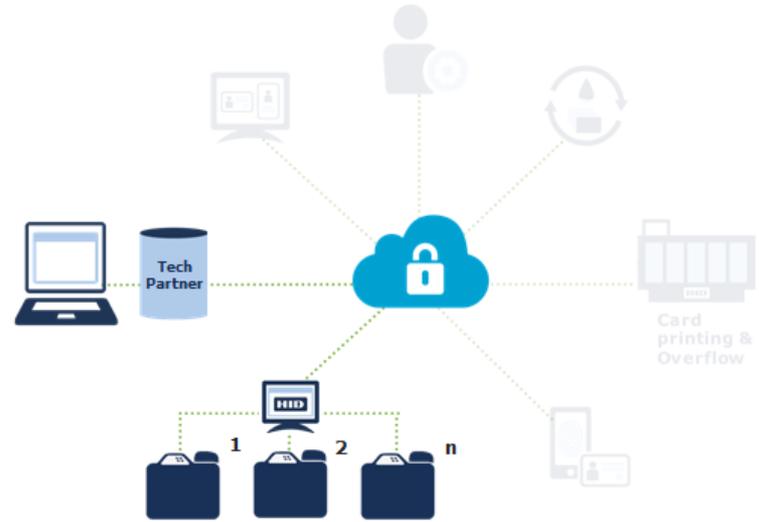


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Smart Card Issuance



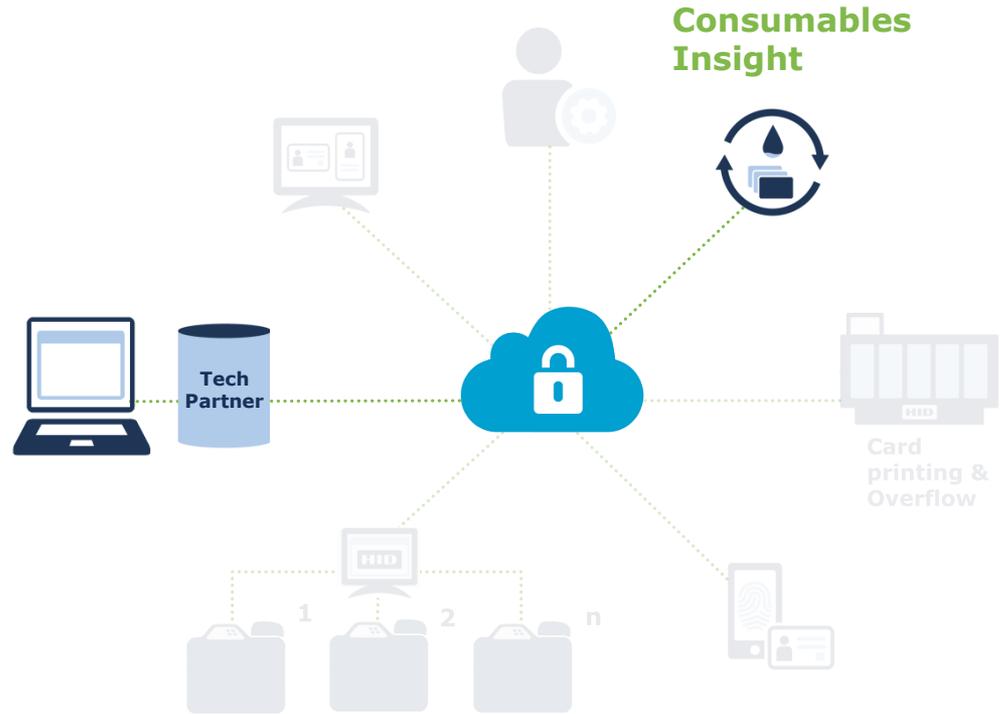
- Inline personalization manages smart cards during the issuance process simplifying operator involvement
- Supports reading of card serial number (CSN) and HID Access Control data
- Writing of data planned for future releases



Technology	Read	Write
HID Prox	Testing (PACS)	PACS & Customer Specific Data Planned Development – Prioritization based upon customer demand
iCLASS / iCLASS SE	Production (CSN / PACS)	
iCLASS SEOS	Testing (CSN / PACS)	
MIFARE	Production (CSN)	
DESFire EV1	Testing (CSN)	
DESFire EV2	Testing (CSN)	

Consumables Insight

- Save money on unused inventory
- Eliminate out of stock issues
- Simplify consumables management



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Support

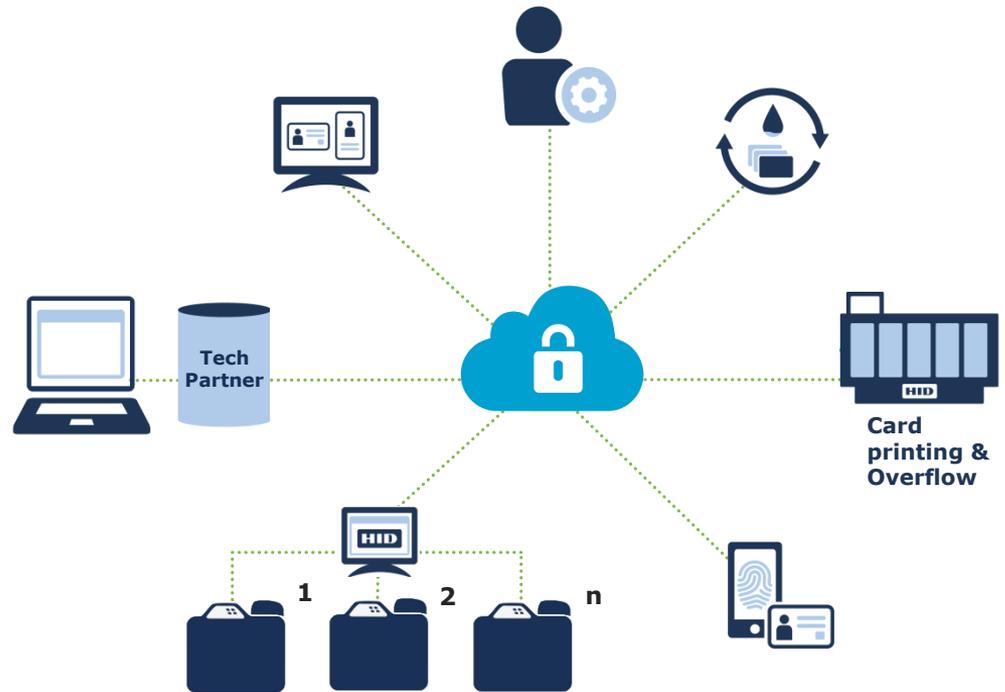
- Reduce service calls with centralized management
- Save time in requesting service
- Minimize downtime with remote monitoring of issues



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Subscription Based

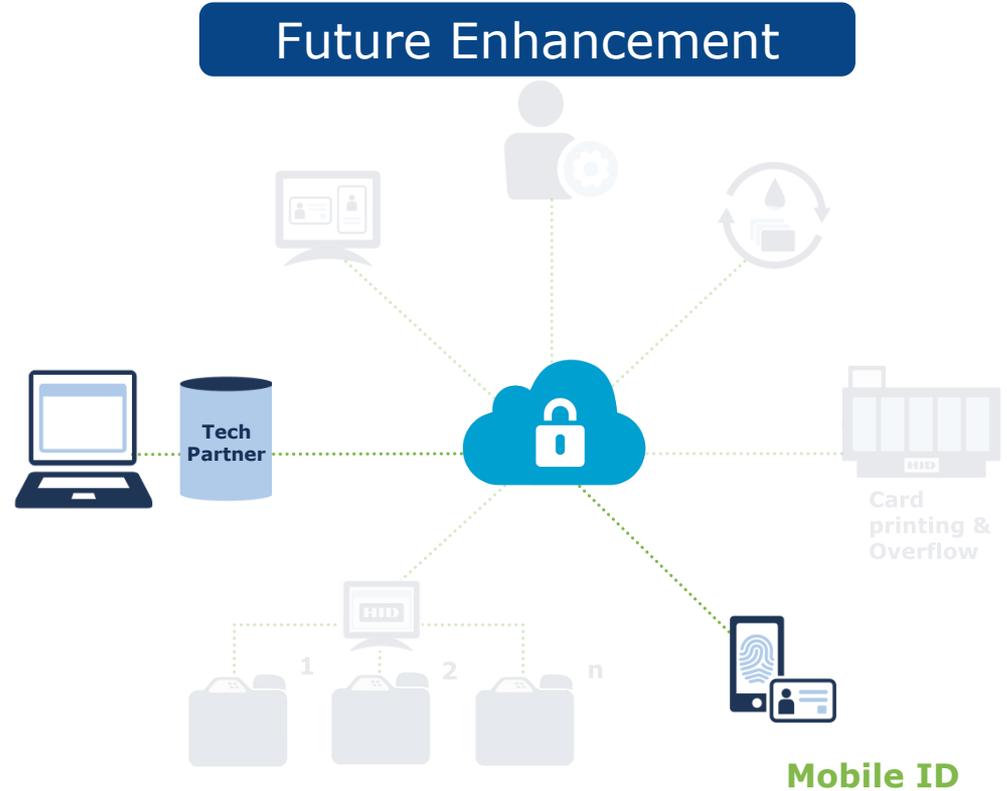
- Single annual fee for card issuance software and maintenance
- Simplified billing
- Increased efficiency on current budget



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Mobile IDs

- Simplify adoption
- Seamlessly issue and renew
- Gain flexibility with future compatibility

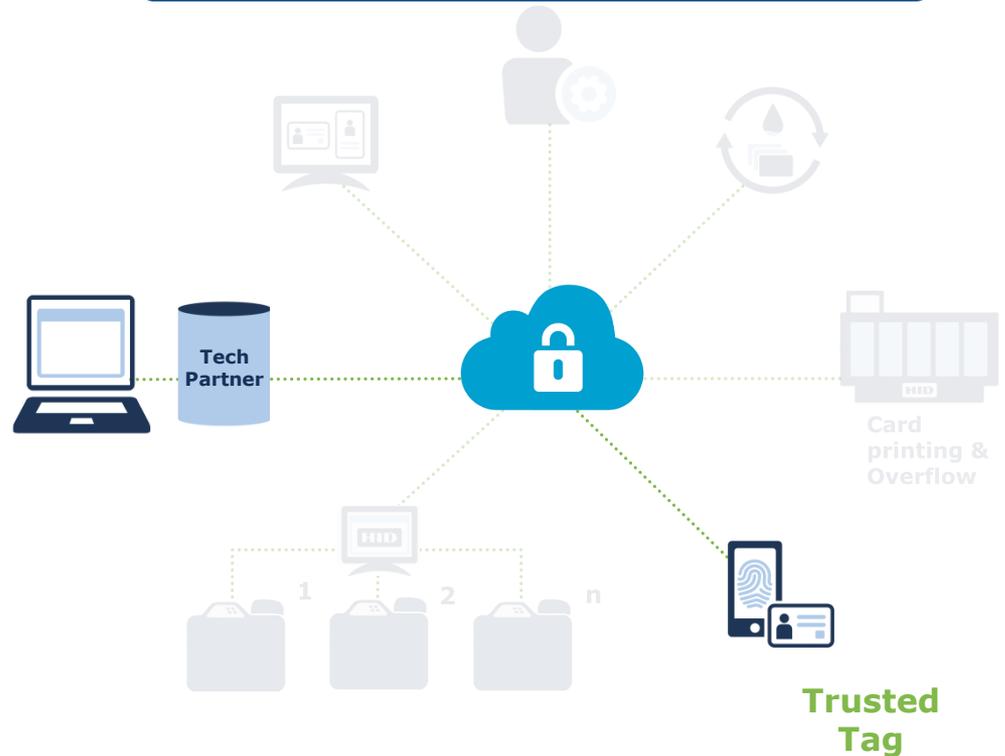


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Trusted Tag

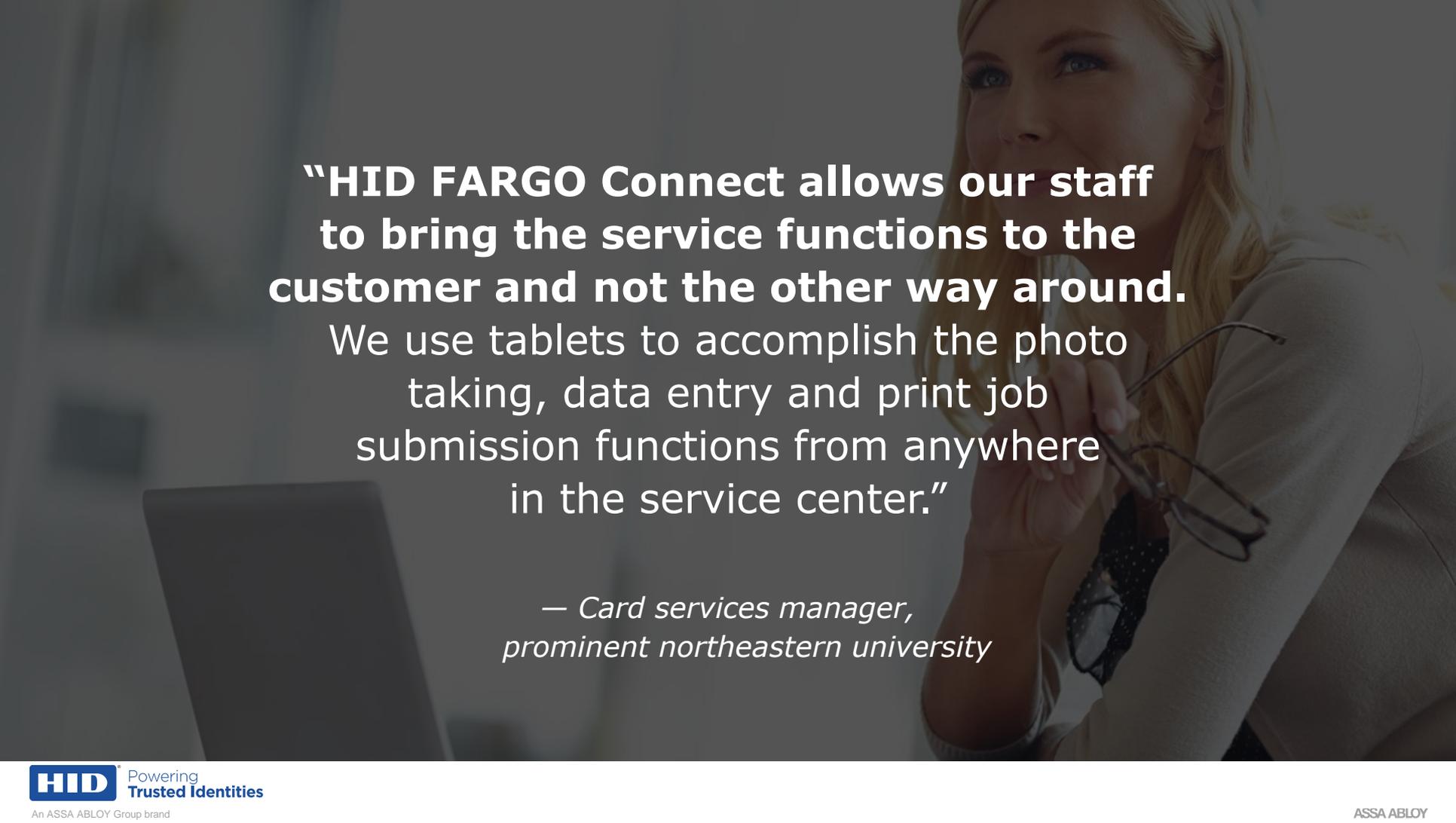
- NFC and internet enabled phone
- Every tap is unique
- Verify card is authentic with mirrored badge image

Future Enhancement Example





Customer references



“HID FARGO Connect allows our staff to bring the service functions to the customer and not the other way around.

We use tablets to accomplish the photo taking, data entry and print job submission functions from anywhere in the service center.”

*— Card services manager,
prominent northeastern university*

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Customer Profile

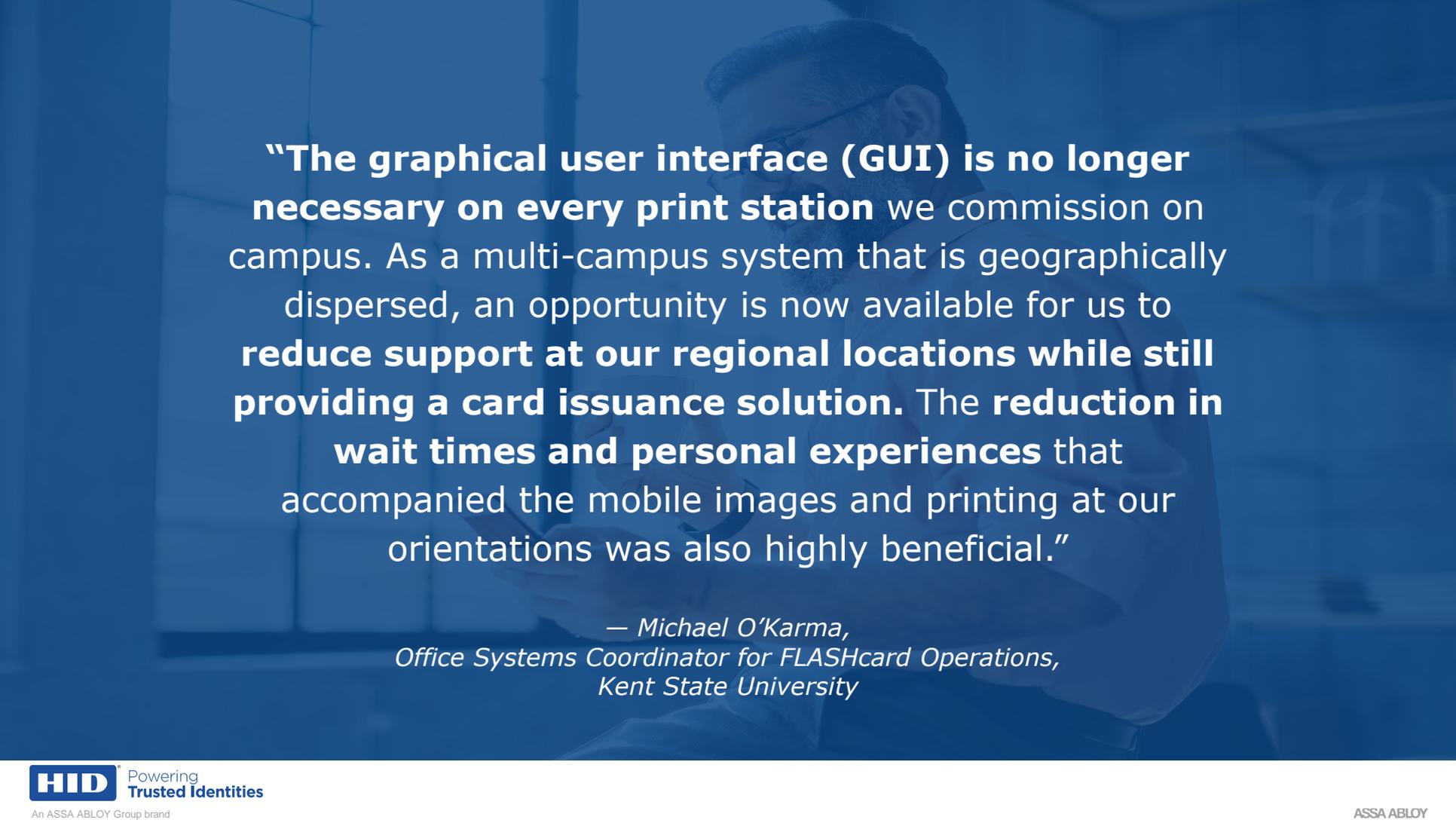
Kent State University

- Among the first to use the HID FARGO Connect solution is Kent State University
- The process of issuing student IDs to thousands of people during orientation has been simplified and streamlined through its shift to HID FARGO Connect cloud-based ID issuance
- The student experience has significantly improved, aligning with the university's students-first priority

Kent State University shares their experience



<https://www.youtube.com/watch?v=skR78RDAThw>



“The graphical user interface (GUI) is no longer necessary on every print station we commission on campus. As a multi-campus system that is geographically dispersed, an opportunity is now available for us to **reduce support at our regional locations while still providing a card issuance solution.** The **reduction in wait times and personal experiences** that accompanied the mobile images and printing at our orientations was also highly beneficial.”

— *Michael O’Karma,*
Office Systems Coordinator for FLASHcard Operations,
Kent State University



Questions?

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