

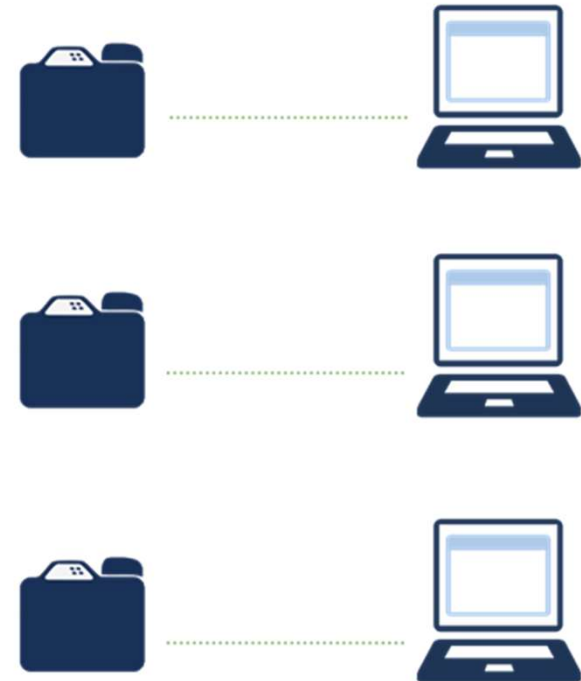
# CLOUD BASED CARD ISSUANCE

A Paradigm Shift for Card Printing

# COLORID CURRENT MODEL

## Current ID Production

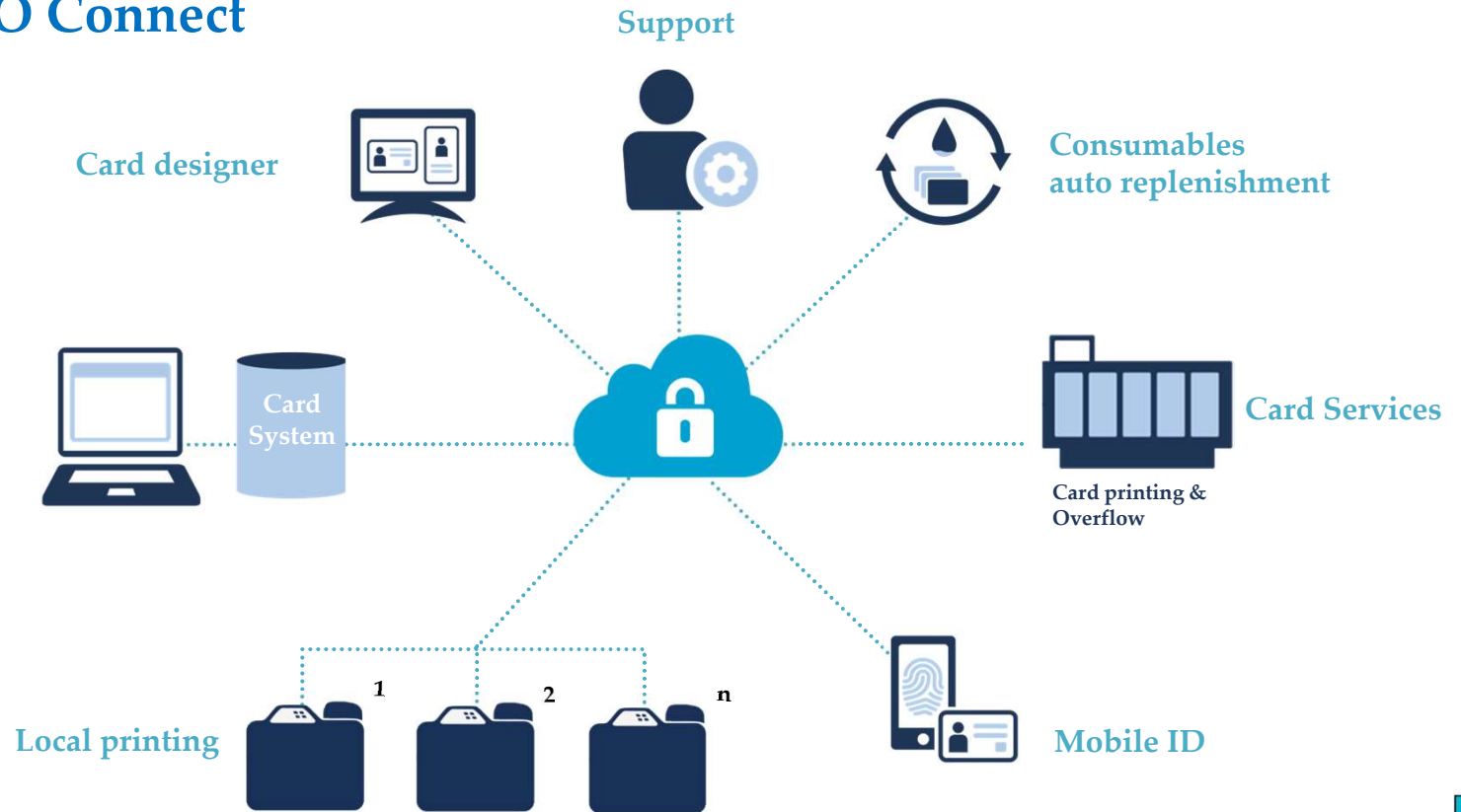
- Printers connected to individual workstations
- On-Premise Card System Database
- Remote & Onsite Support



C O L O R I D

# THE FUTURE OF STUDENT ID ISSUANCE

## HID FARGO Connect



C O L O R I D

# FARGO CONNECT VIDEO

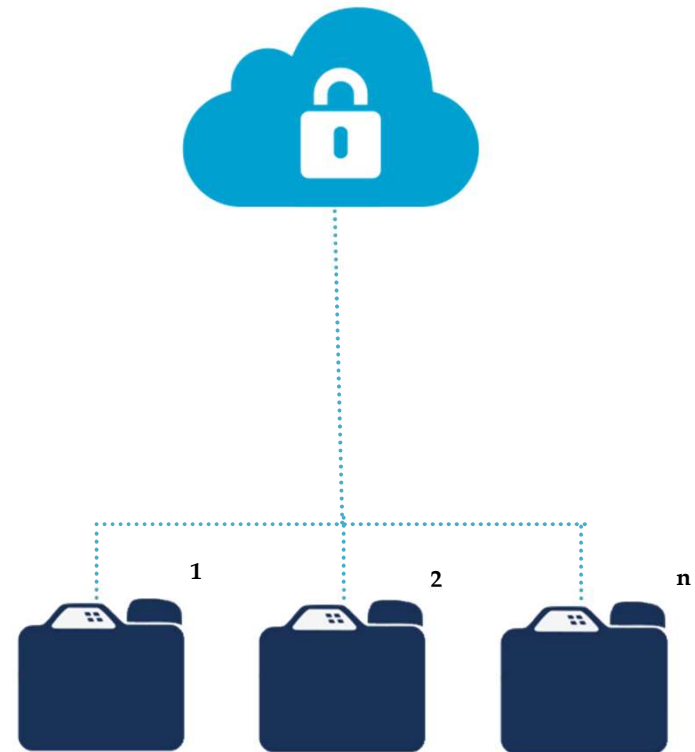
**First Time Printing an ID Card  
Long Distance via the Cloud**

Live demo of **HID FARGO® Connect™**

# COLORID CARD ISSUANCE

## Cloud Card Printing

- Eliminate the printer PC, enroll cardholders with devices via web interface
- Manage from anywhere
- Eliminate software install and maintenance
- Utilize all available resources by auto print queueing



C O L O R I D

# GENERATE MOBILE PHOTO IDS

## Mobile Photo ID

- Officially a Student
- Added convenience
- Seamlessly issue and renew
- Gain flexibility with future compatibility – Mobile Access
- Potential revenue stream

C O L O R I D

# REMOTE PRINTER MONITORING

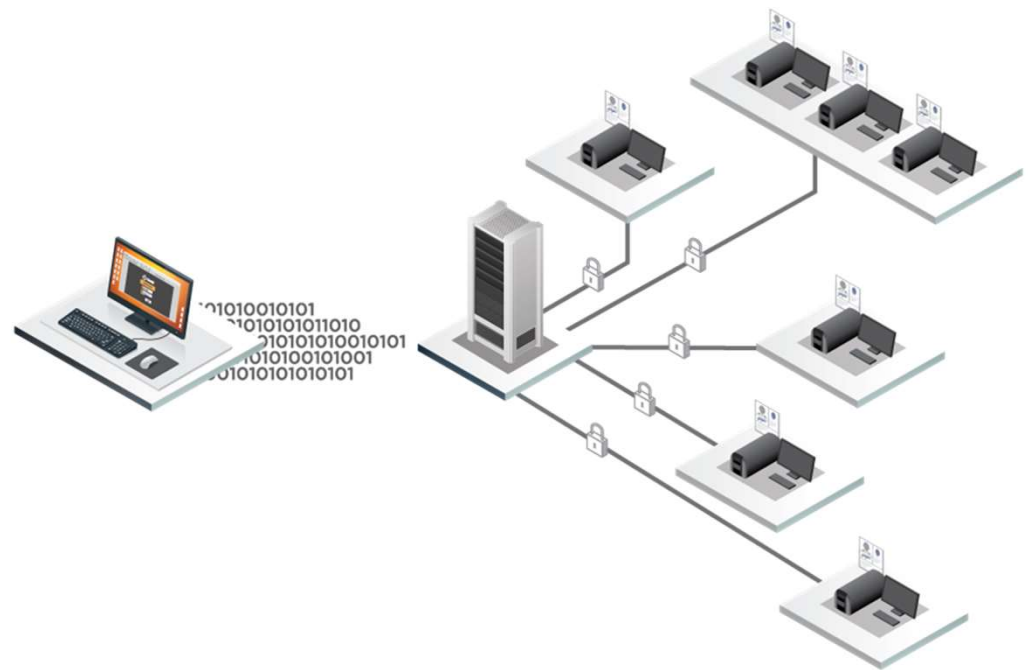
## Entrust Datacard

Reduce Service Calls

Technicians can monitor printers from remote locations

Direct access to tech support, apply firmware to entire fleet

Minimize downtime, increase operational efficiency



# CARD PRODUCTION AS-A-SERVICE

Service Fee Based Card Operations



C O L O R I D

# AUTO-REFILL CONSUMABLES

Annual Service Fee

Printer consumables automatically shipped before needed

Save money on unused inventory

Eliminate out of stock issues

Minimize wasted staff time



# COLORID PRINTER HARDWARE

No Hardware  
Purchases  
Required

Always have  
the latest  
equipment

Similar to  
photocopier  
model



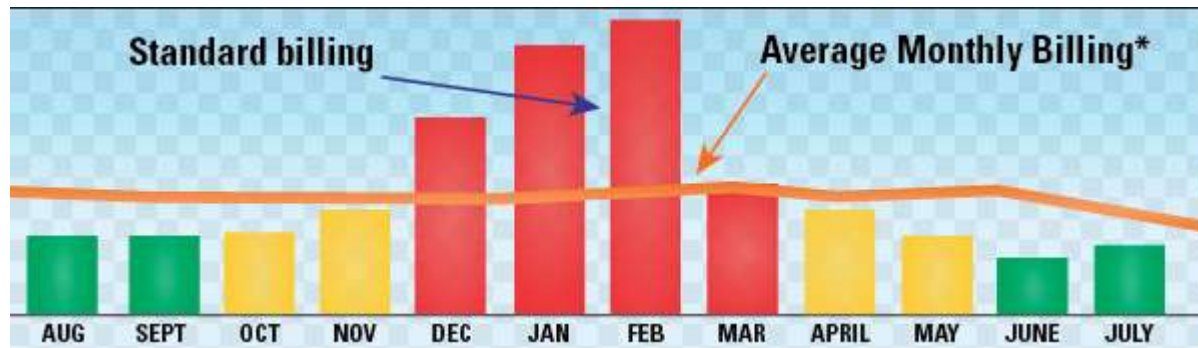
# COLORID SUBSCRIPTION BASED

Single annual or  
monthly fee  
covers  
everything

Simplified  
billing

Increase  
efficiency of  
current budget

Scale on  
demand



# LOGICAL ACCESS

Two Factor Authentication for Login

# COLORID LOGICAL ACCESS

## LACS – Logical Access Control

- Logging into resources with High Assurance (Windows, VPN, Cloud Apps)
- Username/Password is not secure
- Breaches – Equifax Most Recent



# COLORID CARDS & TOKENS

## Use existing ID Cards

- Subscription Services and External Readers(Expensive)
- Some cards aren't secure

## Contact Cards

- Very Expensive infrastructure (PKI)
- Expensive Cards ~\$30

## Tokens

- Not user friendly



# COLORID MOBILE SOFT TOKENS

Smartphone Apps

Provisioned OTA

Push Notifications (OTP)

Popular due to convenience

 **Entrust Datacard  
IntelliTrust™**



# COLORID FIDO ALLIANCE

## FIDO - Fast IDentity Online

- Standards Based, Interoperable Authentication
- Standard for Web Authentication
- Uses Existing Device Authenticators
  - Biometrics
  - Trusted Platform Module

Adopting Organizations Include



<https://fidoalliance.org/>



# COLORID DEVELOPMENT

## Continuous Authentication

- Keystroke Dynamics
- Heart Rhythm
- Iris Patterns

Prevents Social Engineering, Lost Credentials, Man in the Middle, Etc.



C O L O R I D

THANK YOU

