



SOFTWARE HOUSE

Compliance with FIPS-201

Laurie Aaron

June 28, 2005

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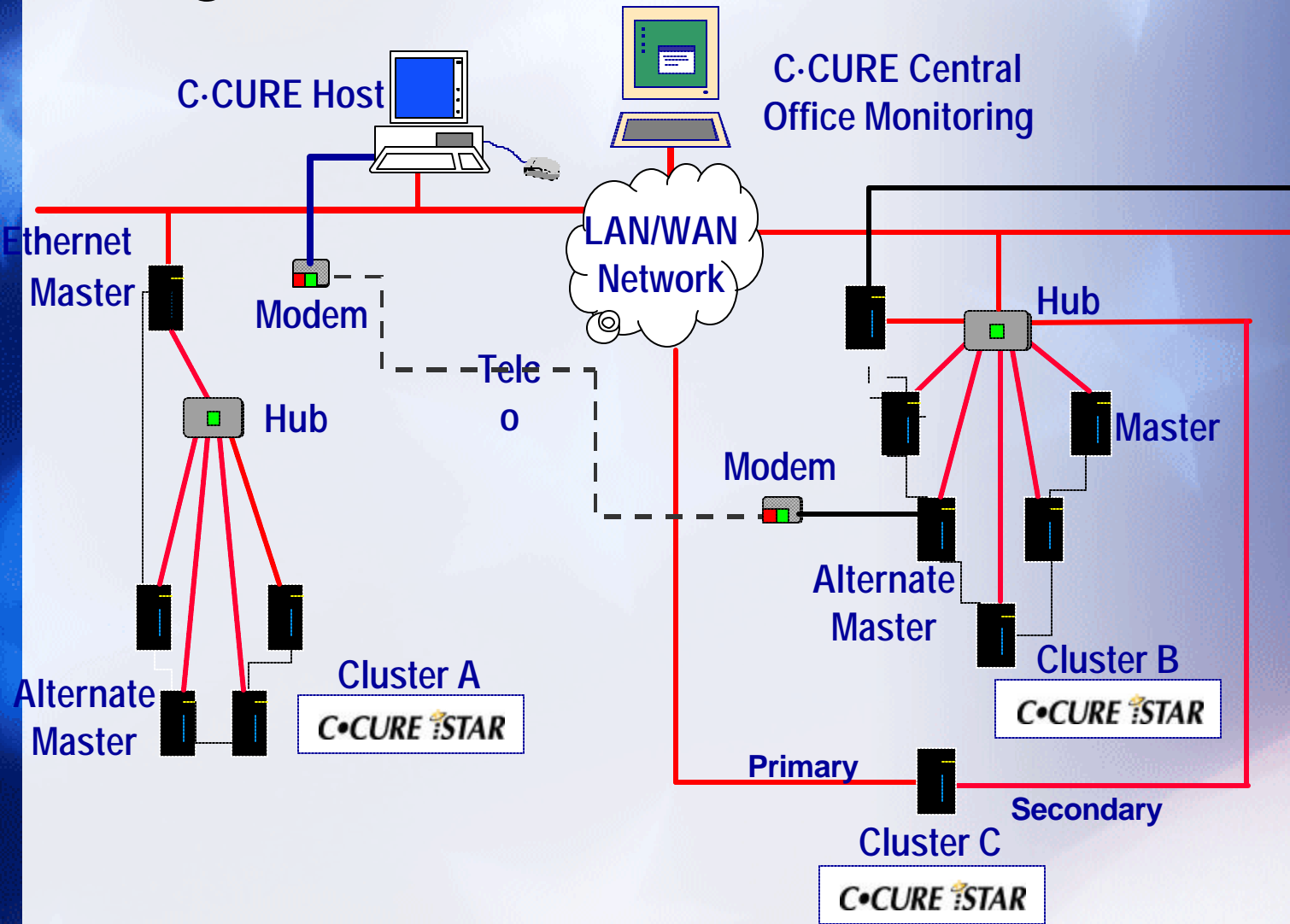
- Provider of Enterprise Class physical access control & security management systems
- Customer base consists of Capitol Police, Dept. of State, Library of Congress, Dept. of Commerce, etc.
- Over 7,000 systems sold: 100,000 doors annually
- Over 5,000 customers many w/multiple systems
- Dedicated to standard's based product and interoperability & backwards compatibility
- Founding member of the Open Security Exchange
 - Opensecurityexchange.org
- C. CURE 800/8000 (W2K/XP/2003) the flagship platform

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Physical Access Control

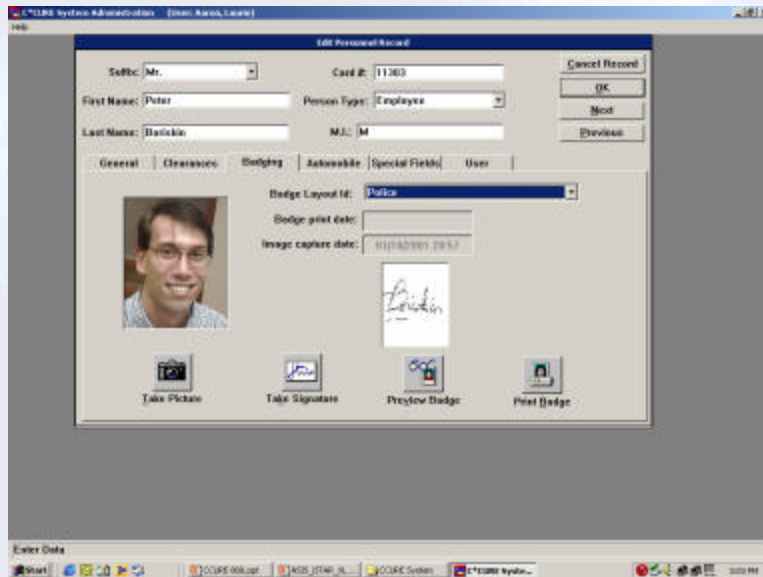


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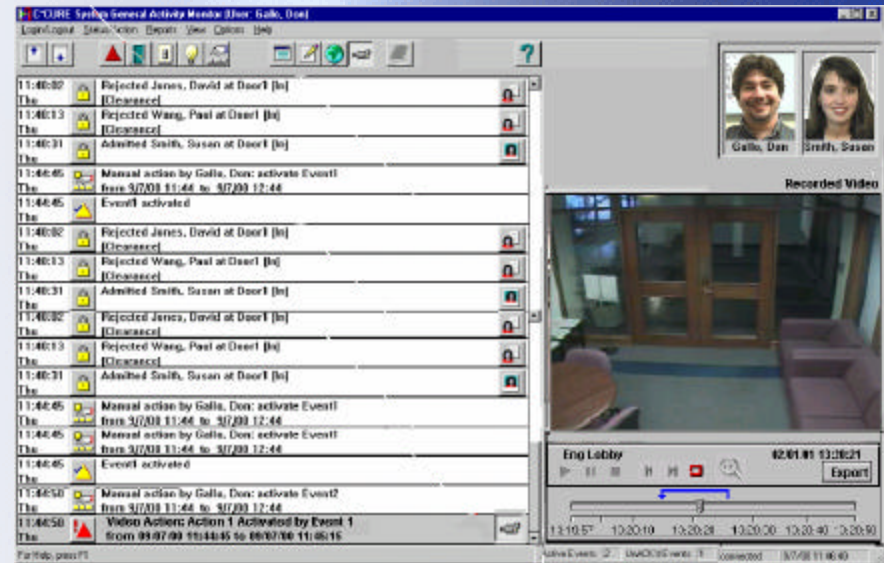
CCURE 800 Software

- Administrative Module



- Add Card Records
- Add/ Modify Clearances
- Configure Hardware
- Configure Card formats
- Run Reports
- Assign Users/Privileges

- Monitoring Module



- Monitor All System Activity
- Monitor/Acknowledge Alarms
- View Employee images upon card read
- View Live/Recorded Video
- View Facility Maps with Dynamic Icons

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27 Million Government Credentials To Be Issued...

Government Card Support



- HSPD-12 Homeland Security Presidential Directive August 27, 2004
 - Once implemented a secure and interoperable PIV card will provide the attributes of **security**, authentication, identity verification, trust, and privacy to a commonly accepted verification card to all Federal Employees and Contractors.

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PIV I

- Oct 27, 2005
 - PIV-I (Personal Identity Verification)
 - Personnel Identity Proofing
 - Card Issuance
 - Card Activation



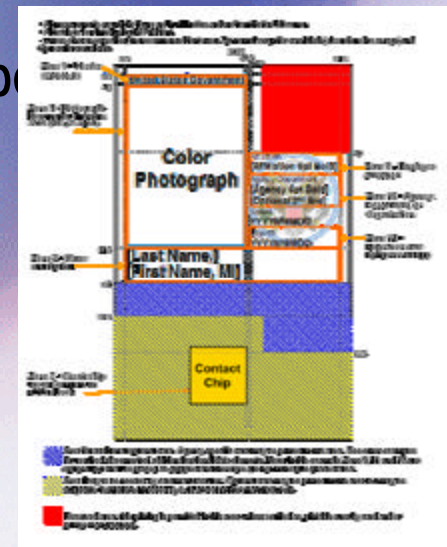
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PIV II

- Oct 27, 2006
 - PIV-II (Personal Identity Verification) Technical requirements
 - Dual Interface Card
 - CHUID Card Holder Unique Identifier
 - FASC-N Federal Agency Smart Credential Number
 - 9 Total fields of which 5 are required
 - PKI Credentials Public Key Infrastructure
 - Biometrics (Mandating Fingerprints)
 - Pin



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Employee Enrolls

- Personal Information (Application)
- Source Documentation
 - 2 Forms of identification (Drivers license, passport, etc...)
- Picture
- Biometric (Fingerprint)

Employee Application

- Submitted to the Approval Authority, Identity Management System (IDMS)
 - National Security Check
 - ID Validation from issuing agencies



Green = PIV I, Red = PIV II

Card Production & Personalization from data provided from IDMS

- Card Number
- CHUID
- PIN
- Biometric Template
- PKI Keys

Card Issuance

- Biometric Verification

Green = PIV I, Red = PIV II

PIV Activation for Operational Use

- Credential Enrollment in to C-CURE 800



Identify proofing & Registration

Card Issuance

PIV Badge Activation

Government Card Total Provisioning Solution

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Software House Government Card Support

Identifies the government agency issuing the credential (4 digits)

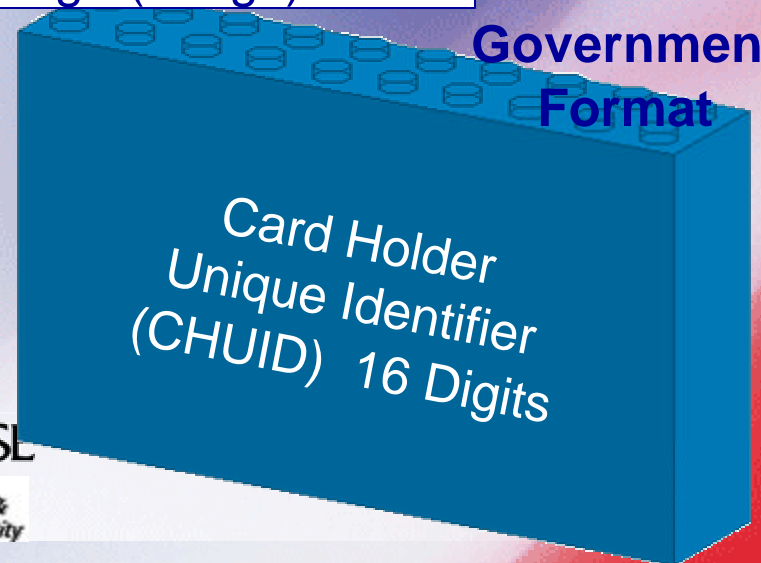
Identifies the system the card is enrolled in and is unique for each site (4 digits)

Card Number = Credential Number Encoded by the issuing agency. For a given agency and system no duplicate numbers are active (6 digits)

Field is available to reflect major system changes (1 digit)

Initially encoded as "1", will be incremented if a card is replaced due to loss or damage (1 digit)

Default Government Format



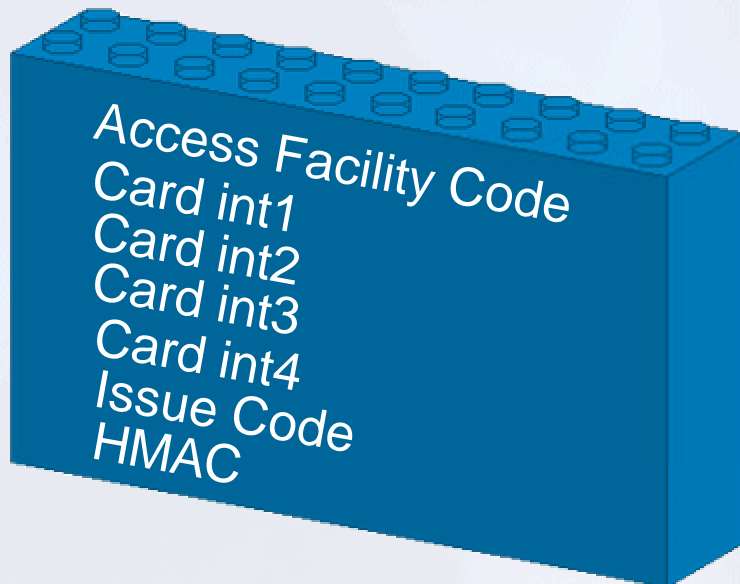
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- iStar Controllers support up to a 256 bit data streams
 - The entire FASC-N requires only 200
- Supports up to 80 Digits For The Cardholder Unique Identification
 - The entire FASC-N requires only 40

Other Available CHUID Fields



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Summary:

- 25 years + experience servicing government applications
- Smooth upgrade transition for existing customer base to FIPS-201 compliant solution
- Can provide smooth transition from antiquated system architectures to fully government compliant – state of the art solutions
- Software & Hardware capabilities exceed current physical access requirements per HSPD-12 & FIPS-201
- Available one year ahead of PIV-II implementation requirements
- For a full product demonstration contact:

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