



2017



ANNUAL CONFERENCE

**Improving Community  
Safety & Satisfaction**





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# From Neanderthal to Sapiens



# Caveman Classification

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Before Northpointe:

- Classification consisted of
  - Adult or Juvenile
  - Male or Female
  - Misdemeanor or Felon
- No classification decisions based on violent vs non-violent behavior or crime
  - Felony check forgers housed with murders
- Protective Custody was freely and almost automatically approved

# Modern Classification

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- Pre-arraignment initial classification separation based on age, gender and seriousness of crime, but:
  - Violent and non-violent felons are separated
    - Required under Ohio minimum jail standards
  - Protective Custody is now restricted to those with a true need
    - Articulable and verifiable
  - Pre-arraignment felons are now housed separate from post-arraignment

# The Great Shuffle

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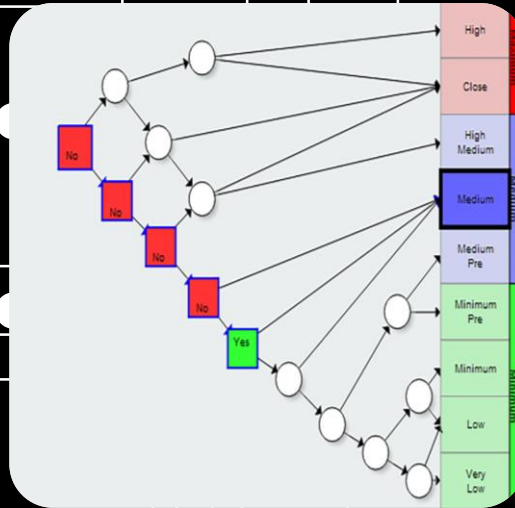
- To comply with Ohio minimum jail standards & objective classification philosophy:
  - Create a booking “pre-classification” to guide housing decisions for pre-arraignment inmates
  - Post-arraignment inmates had to be classified
    - ADP of 1800-2200
  - All housing maps needed to be reworked to:
    - Create space for 3 custody levels for pre/post-arraignment housing and protective custody
    - Creating housing for previously unidentified high risk and special conditions populations
    - More efficient use of single cells

# Mega Jail

New Franklin County Correction Center is specifically designed for:

Direct supervision and inmate behavior management

Housing for high risk and special condition inmates



Separation based on the Northpointe custody and classification levels

Housing where care, custody, and control is appropriate for the needs of the inmate and the risk to facility and staff

# Implementing Modern Software

**1987 to 2017**

**OUR GIANT**

**LEAP**



# All Software is Mortal!

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- Belady and Lehman, 1976 *IBM Software Journal*
  - Software keeps on functionally evolving, but structurally deteriorating
  - Eventually terminating the life of the software
- Other causes of software death
  - Change of hardware
  - Change in operating system
  - Change in other execution environments



vs.



Repetition **does not**

There is no cloud,  
it's just someone else's  
Computer

establish  
validity

# Local Host



Local control

Better API integration

No need for CJIS  
certification

No reoccurring subscription  
costs

Upfront costs (servers &  
infrastructure)

Server has to be customized


Server maintenance (HW/SW)

Direct connection from vendor  
to server

Responsible for any downtime

Additional FTE duties

# Cloud Host



No equipment or up-front costs

Vendor configured

Vendor managed

Vendor holds contract w/  
cloud service

Hosting cost is spread  
across the contract

No additional FTE duties

No local control

Outside the county data  
center 'sandbox'

CJIS required

APIs difficult or impossible

Hosting cost at the end of the  
contract could spike

# The Decision...



## API

- Bi-directional information flow is challenging
- Credentialing between sandbox and cloud

## CJIS

- Requiring CJIS limited cloud vendor options

## Downtime

- No control over downtime
- No ability to estimate return time to normal
- Information from cloud vendor can be “vague”



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