

Commission On Technology

September 2004



CMS Strategy

Options for the Future



CMS Strategy

- Background
- Architecture
- Shared Components
- Design Approaches
- LJ-CMS
- GJ-CMS
- Juvenile Delinquency/Dependency



Background

■ Systems

- APMIS
- LOCIS
- JOLTS
- PIMS
- ACAP

■ Legacy System Approaches

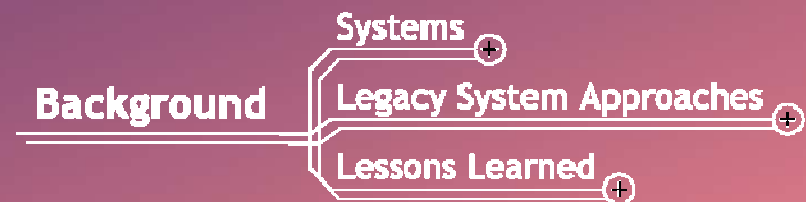
- Silo Construction
- Borrowed Custom Application
- Vendor Built/Supported
- Winchester House (tack on)



Background



- Lessons Learned
 - Because we've always done it that way
 - Productivity requires tight process
 - Data Consistency & Validation Critical
 - Many Shared Processes



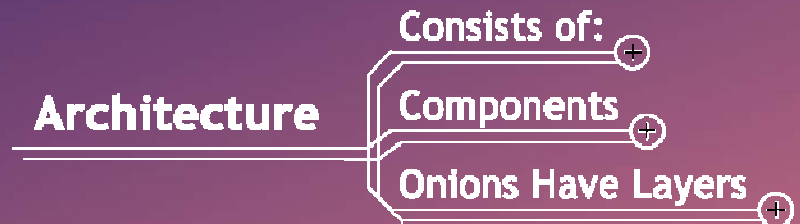
Architecture



- Consists of:
 - Principles
 - Standards
 - Products
 - Approaches

Goal

- Improve Efficiency
- Improve Interoperability
- Improve Sharability
- Improve Access & Consistency



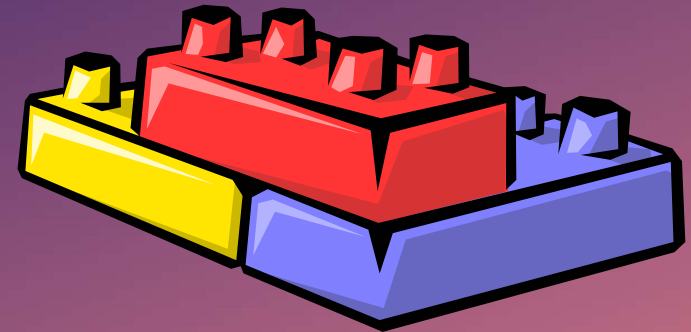
Architecture

■ Components

- Off-the-Shelf vs. Custom
- Standard Parts used to construct custom solutions
- Benefit
 - Agility
 - Reduced Cost and Time
 - Multitude of Sources

■ Application Layers

- Data Management
- Business Process
- User Interaction



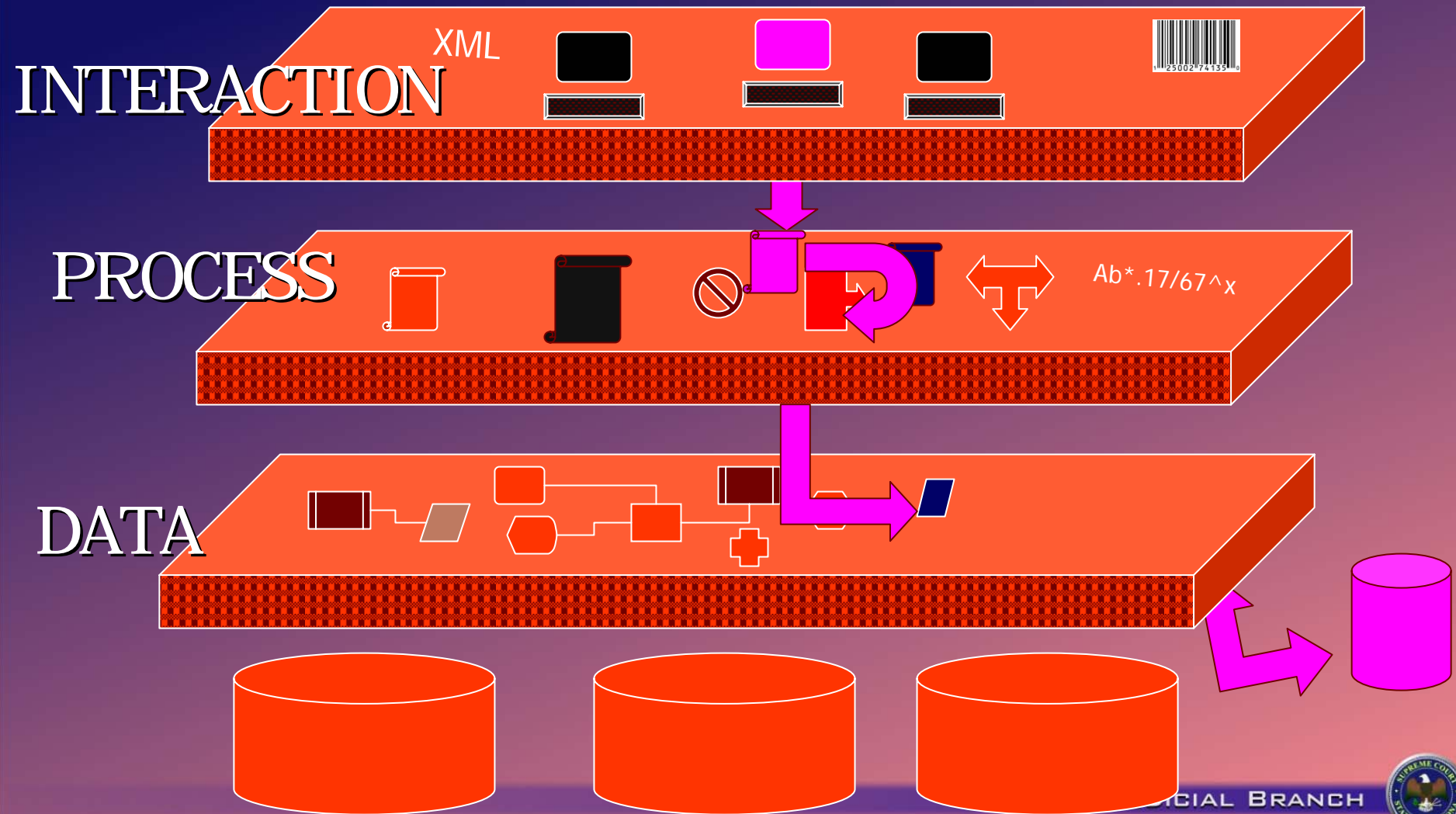
Architecture

Consists of:

Components

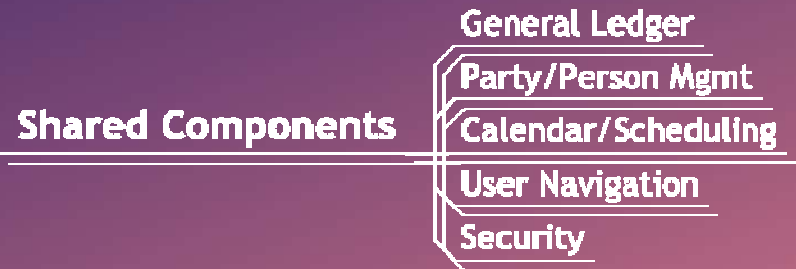
Onions Have Layers

Layers



Shared Components

- General Ledger
- Party/Person Mgmt
- Calendar/Scheduling
- User Navigation
- Security Auditing
- XML Integration
- Collections



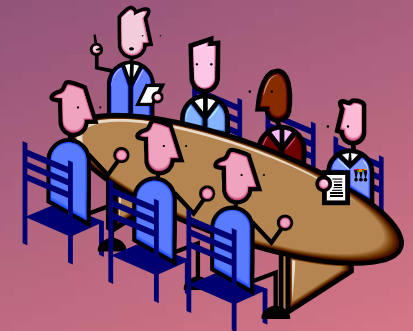
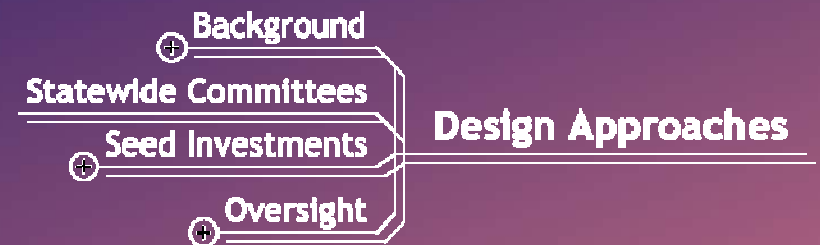
Design Approaches

■ Background

- Buy
- Borrow
- Build

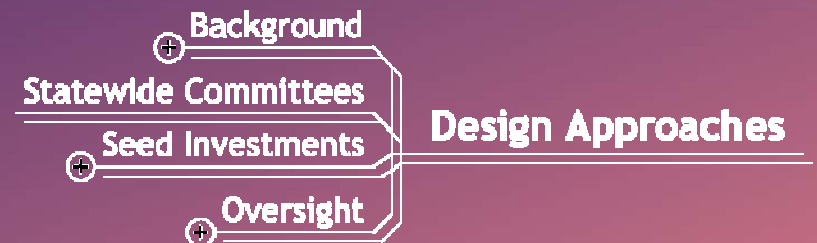
■ Statewide Committees

- Functional Requirements – 2 years?
- Design Committee – 70 people?
- Finished Product Review



Design Approaches

- Seed Investments
 - Data Base Design
 - User Interface Design
 - Business Process Review
 - Consistent Technology Tools & Training
 - Expertise via Partnership & Consulting
- Oversight
 - AOC Analyst
 - AOC Architect
 - CACC
 - Progress Tracking
 - Business Process Review
 - Detail Milestone Review
 - Recommend Stds to COT
 - Plan for Implementations



LJ-CMS

- **Goal:**
 - One Standard LJ-CMS Statewide
 - Common Look & Feel w/ GJ & Probation
 - Common Data Elements & Codes across Systems
 - Flexible User Interaction
 - Designed for Integration
- **Project**
 - Tempe CMS Replacement
 - Possible Maricopa Justice iCIS
- **Known Phase 2**
 - Civil Processing for Justice Courts
- **Timeline**
 - Muni System: Summer 2006
 - JP System: ??????



GJ-CMS

- **Goal:**
 - One Standard GJ-CMS Statewide
 - Common Look & Feel w/ LJ & Probation
 - Common Data Elements & Codes across Systems
 - Flexible User Interaction
 - Designed for Integration
- **Project**
 - Pima AGAVE
 - Replace Aging Wang system
 - Rewrite of Maricopa iCIS
- **Known Phase 2**
 - Financial System
- **Timeline**
 - Pima Criminal: Summer 2005
 - Pima Financials: ???????



Juvenile Delinquency/Dependency

- Goal:
 - One Standard Juvenile System
 - Common Look & Feel w/ GJ-CMS
 - Common Data Elements & Codes across Systems
 - Utilize GJ Case, Financial, Calendar
 - Flexible User Interaction
 - Designed for Integration



- Project
 - JOLTS AZ
 - Replacement of Rural & Pima JOLTS
- Phased Approach
 - Develop & Implement by Phase
 - Timeline
 - 1st Phase- Detention: Winter 2005
 - Last Phase- Treatment: Winter 2008

CMS Strategy

