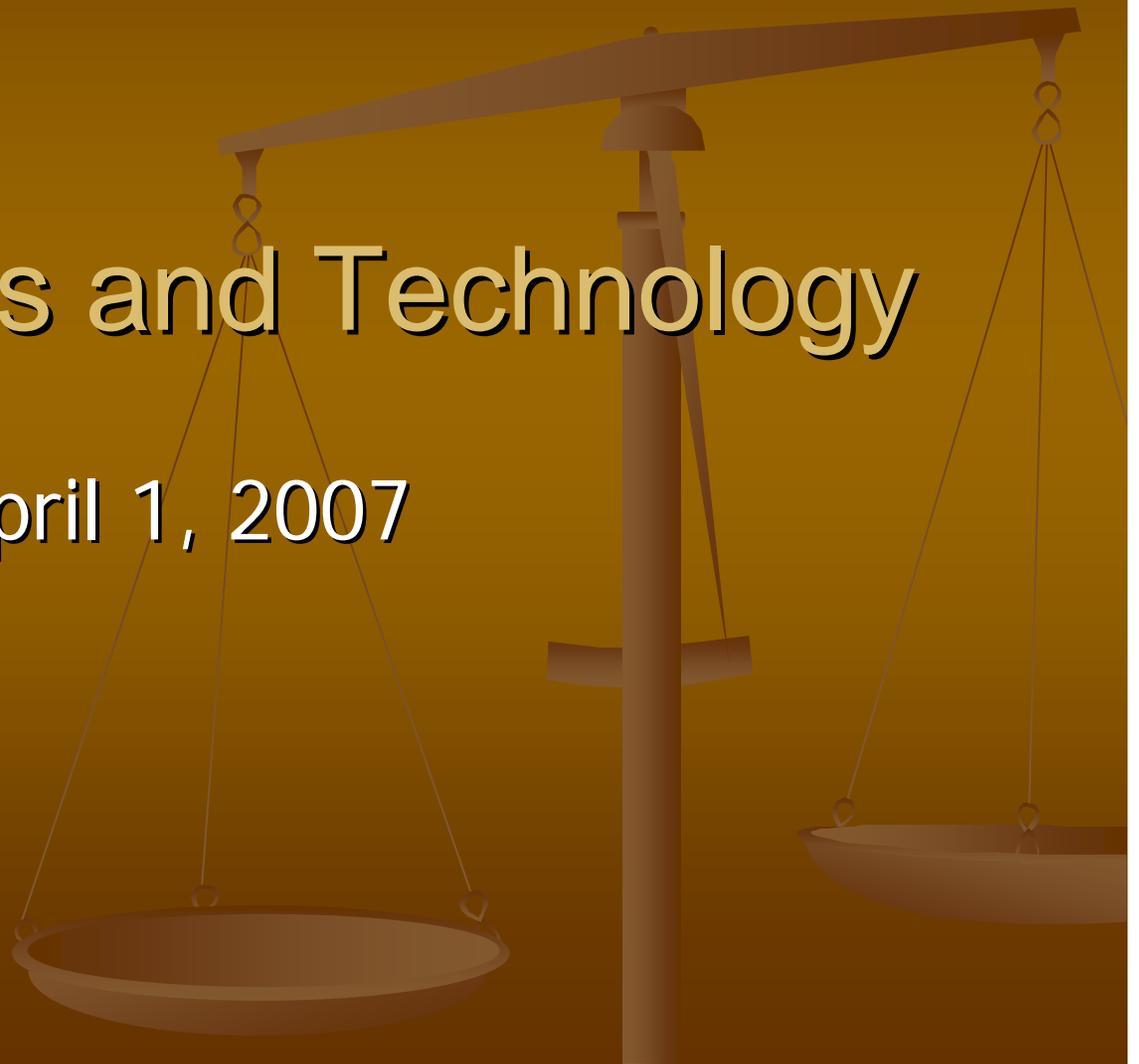


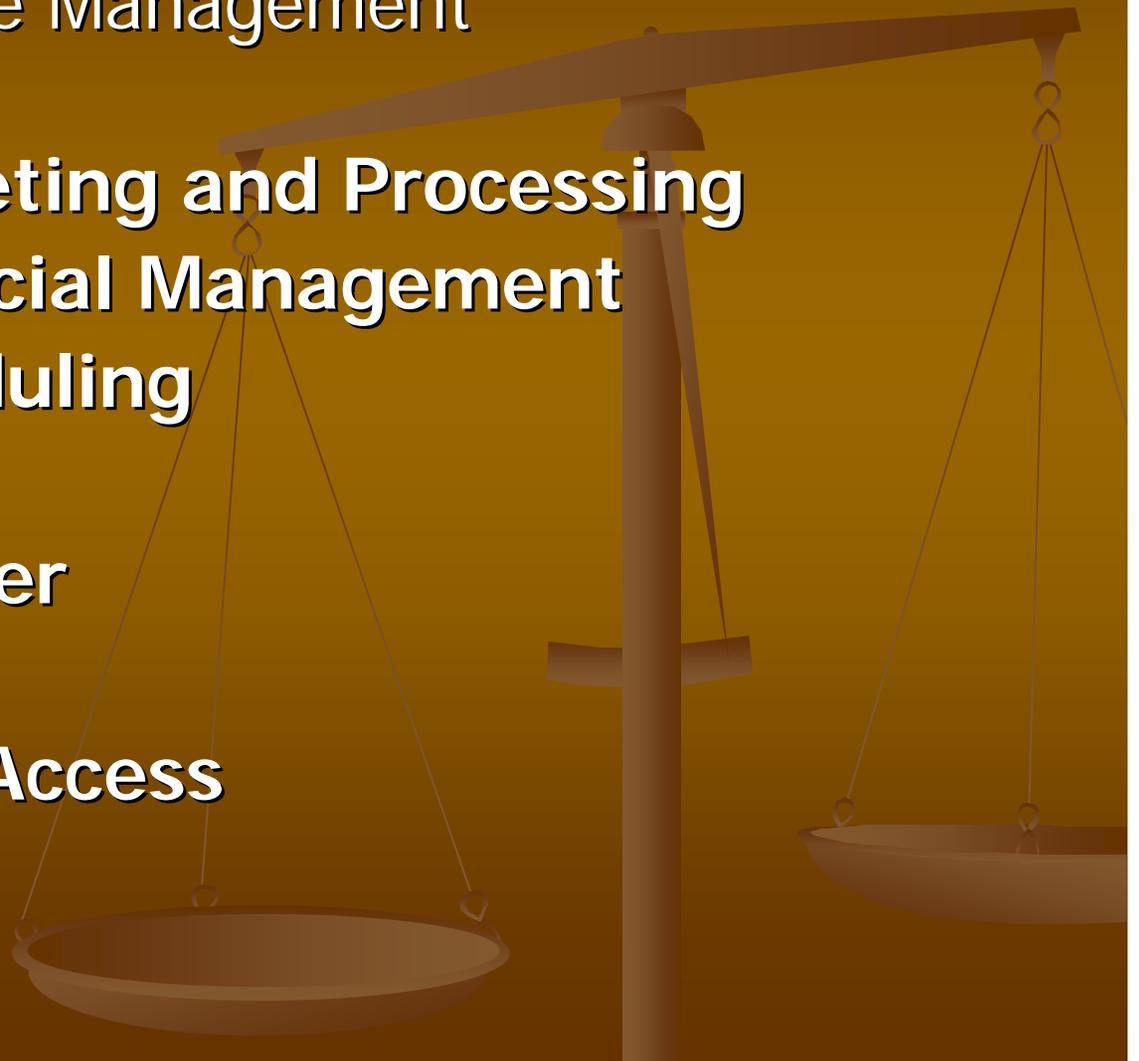
Iowa Courts and Technology

April 1, 2007



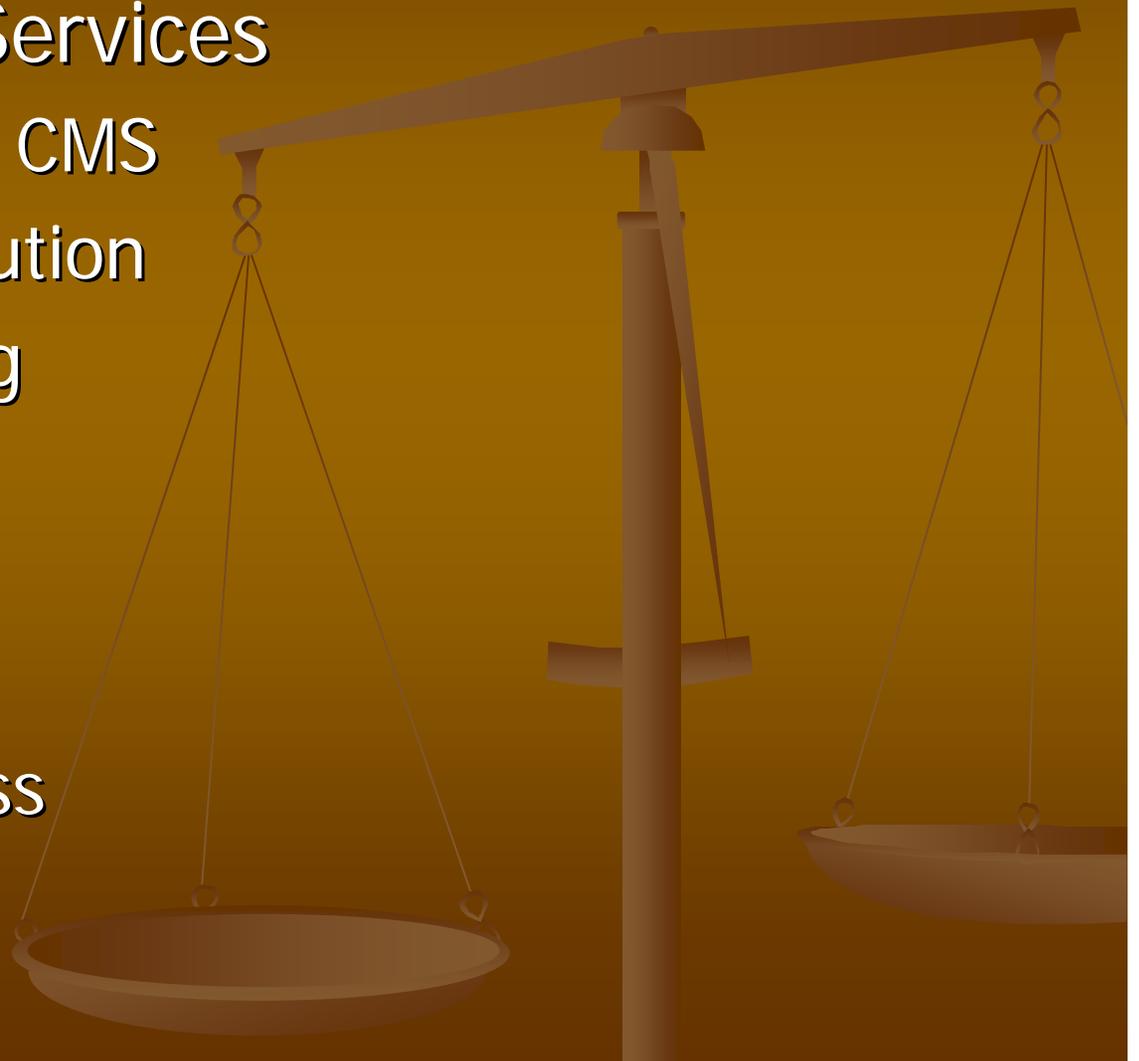
Case Management Systems

- Trial Court Case Management
 - Case Docketing and Processing
 - Case Financial Management
 - Case Scheduling
 - Noticing
 - Event Tickler
 - Reports
 - Electronic Access



Case Management Systems (2)

- Juvenile Court Services
 - Offender based CMS
 - Financial Restitution
 - Case Scheduling
 - Noticing
 - Event Tickler
 - Reports
 - Electronic Access



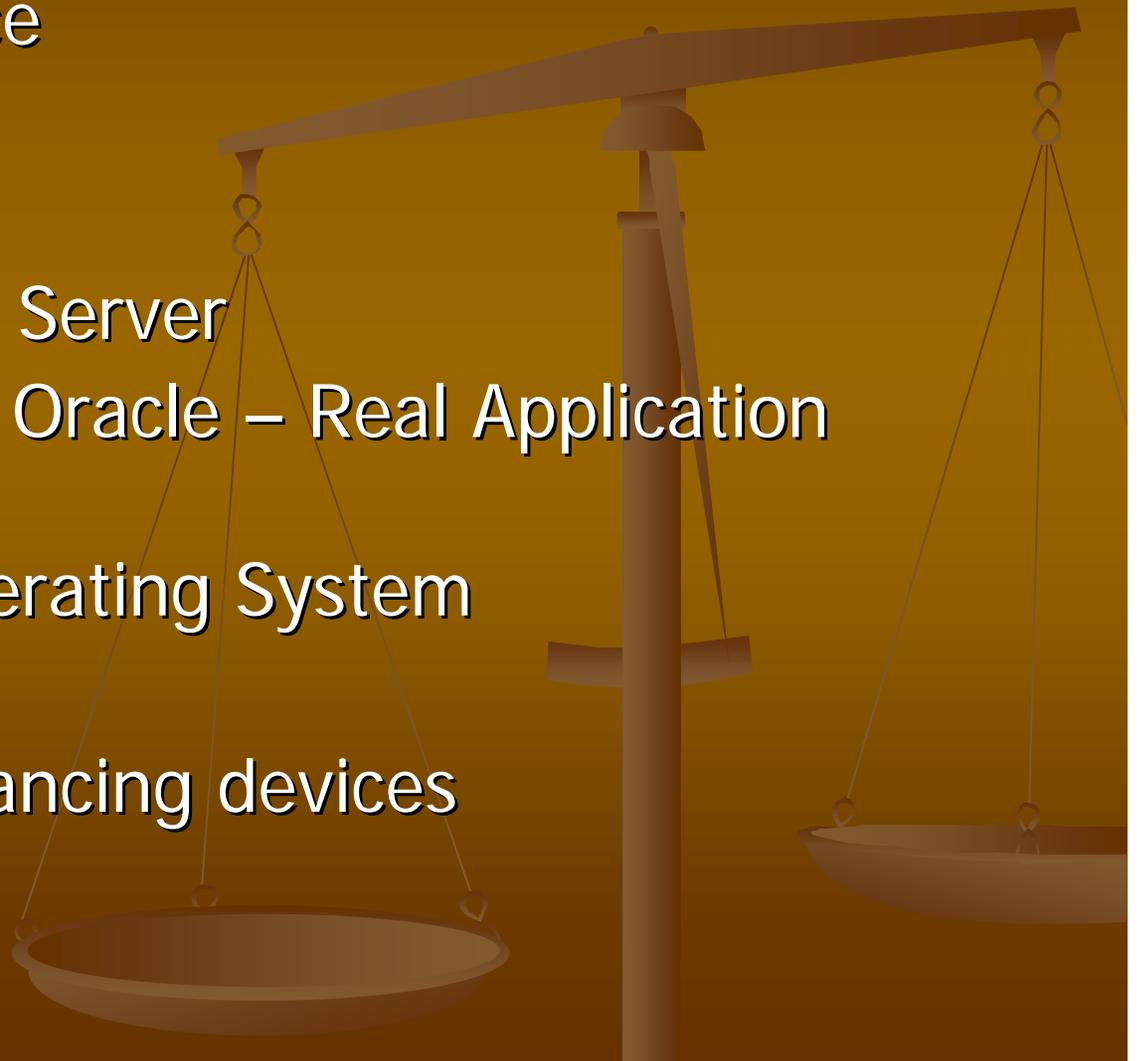
Case Management Systems (3)

- Appellate Case Management
 - Case Docketing and Processing
 - Case Financial Management
 - Noticing
 - Event Tickler
 - Event Scheduling
 - Reports
 - Electronic Access



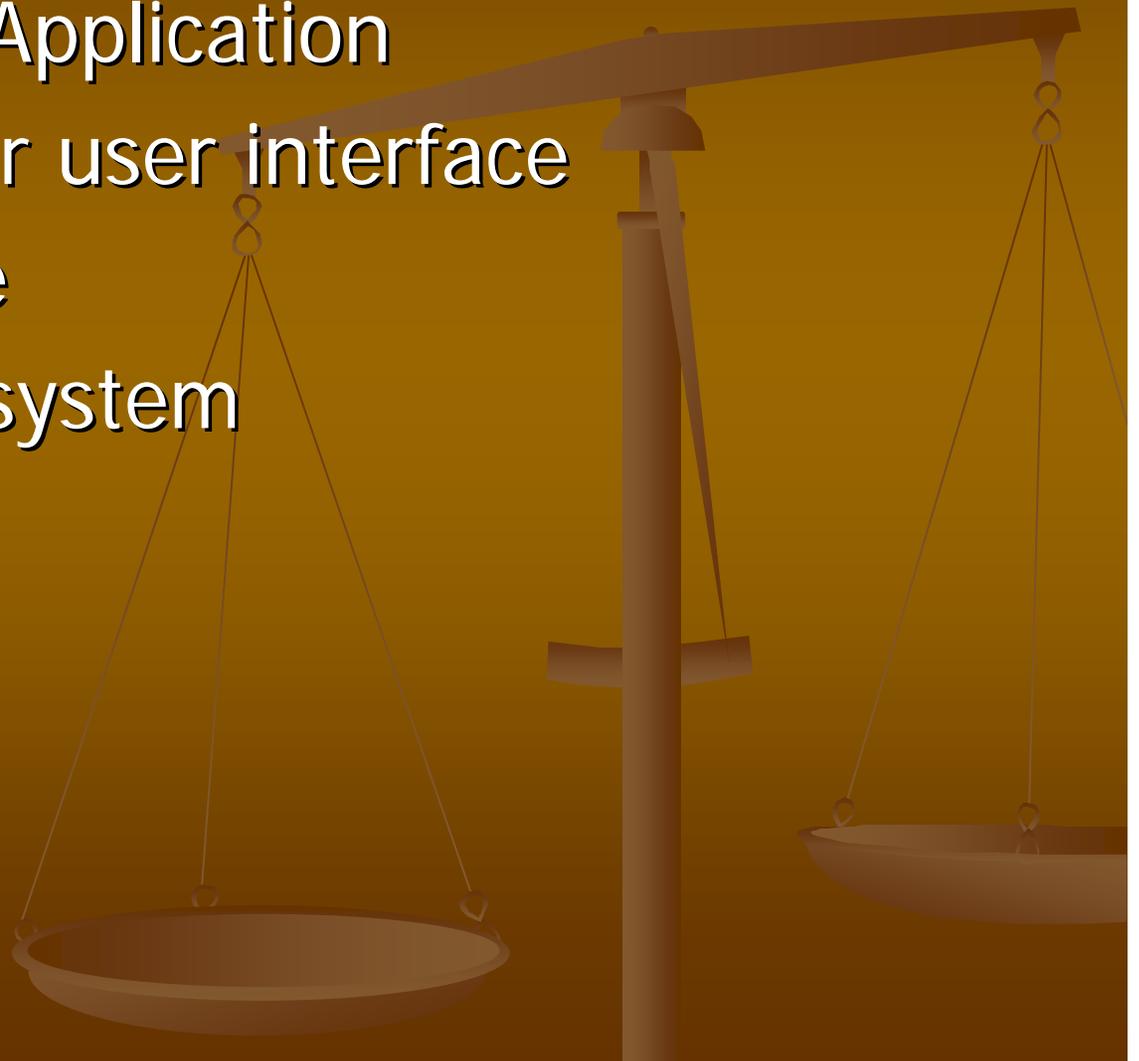
Case Management Technology

- Java User Interface
- Web Application
- Oracle Database
- Oracle Application Server
- Environment uses Oracle – Real Application Cluster
- Linux Red Hat Operating System
- SAN storage
- Systems Load Balancing devices



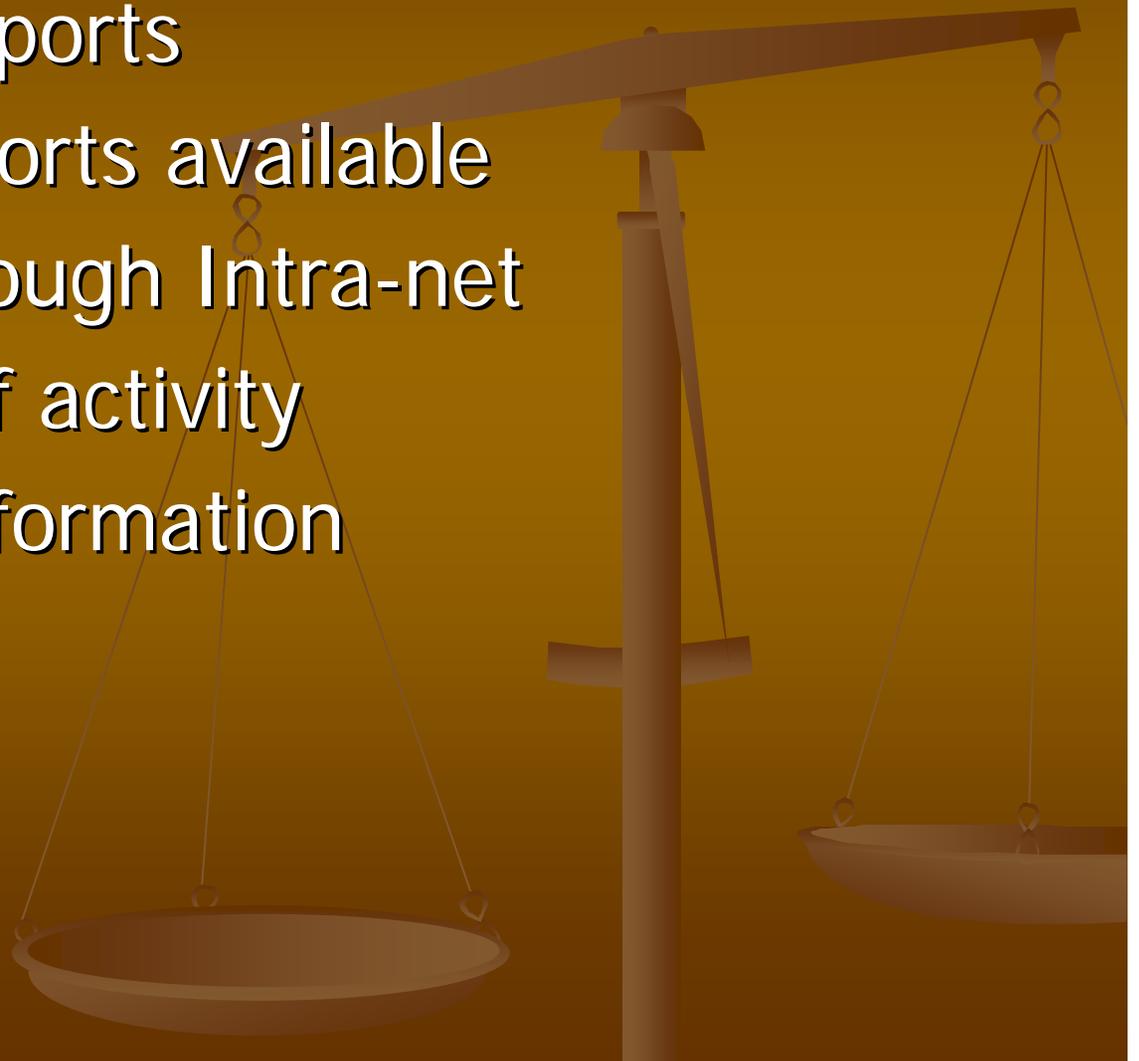
Appellate Case Mgt Technology

- Client – Server Application
- Oracle Forms for user interface
- Oracle database
- Unix operating system



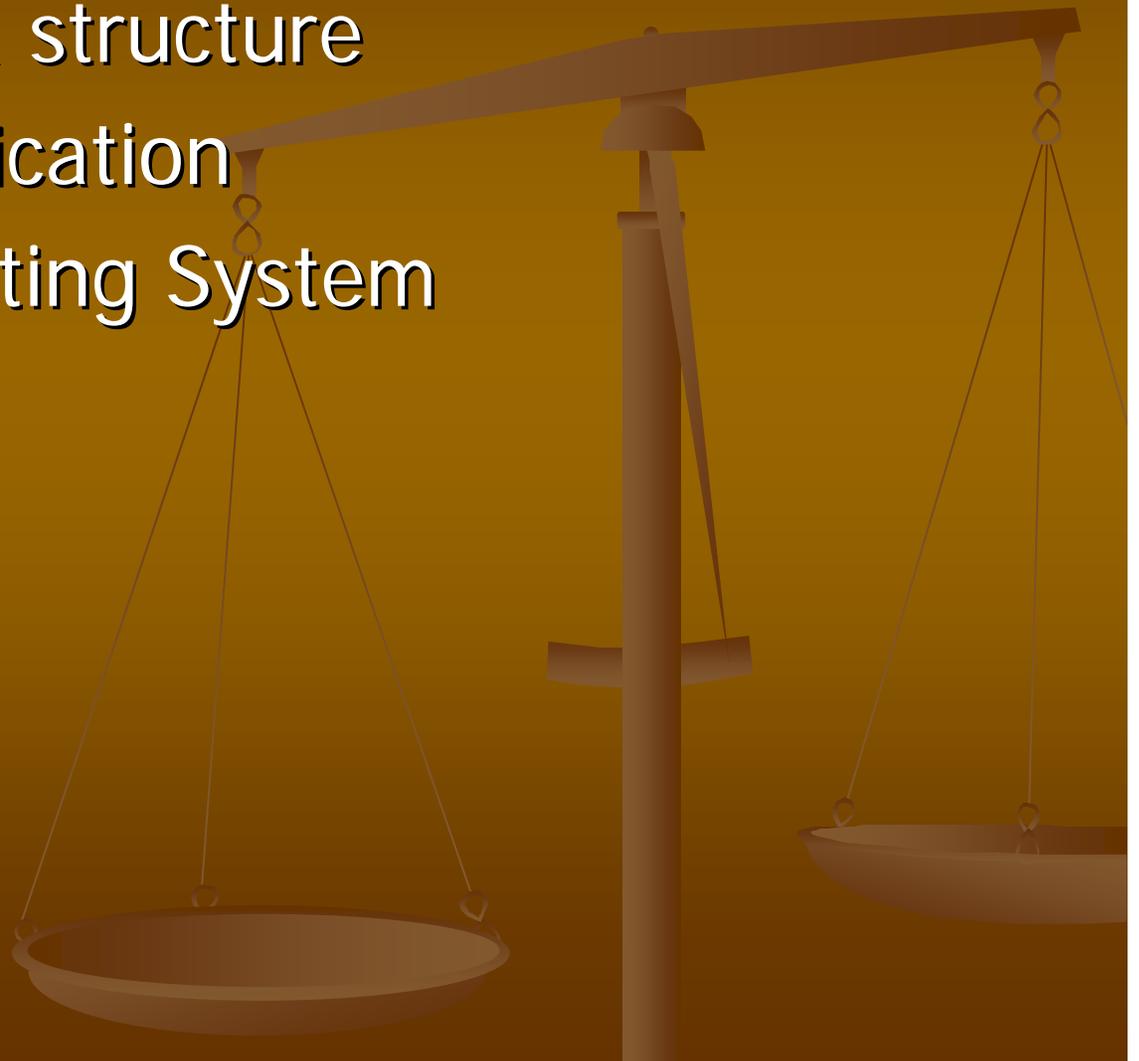
Business Intelligence

- Management reports
- 54 Business reports available
- Web access through Intra-net
- Measurement of activity
- Management information



Business Intelligence Technology

- SQL server data structure
- JSP – Web application
- Windows Operating System
- HP server



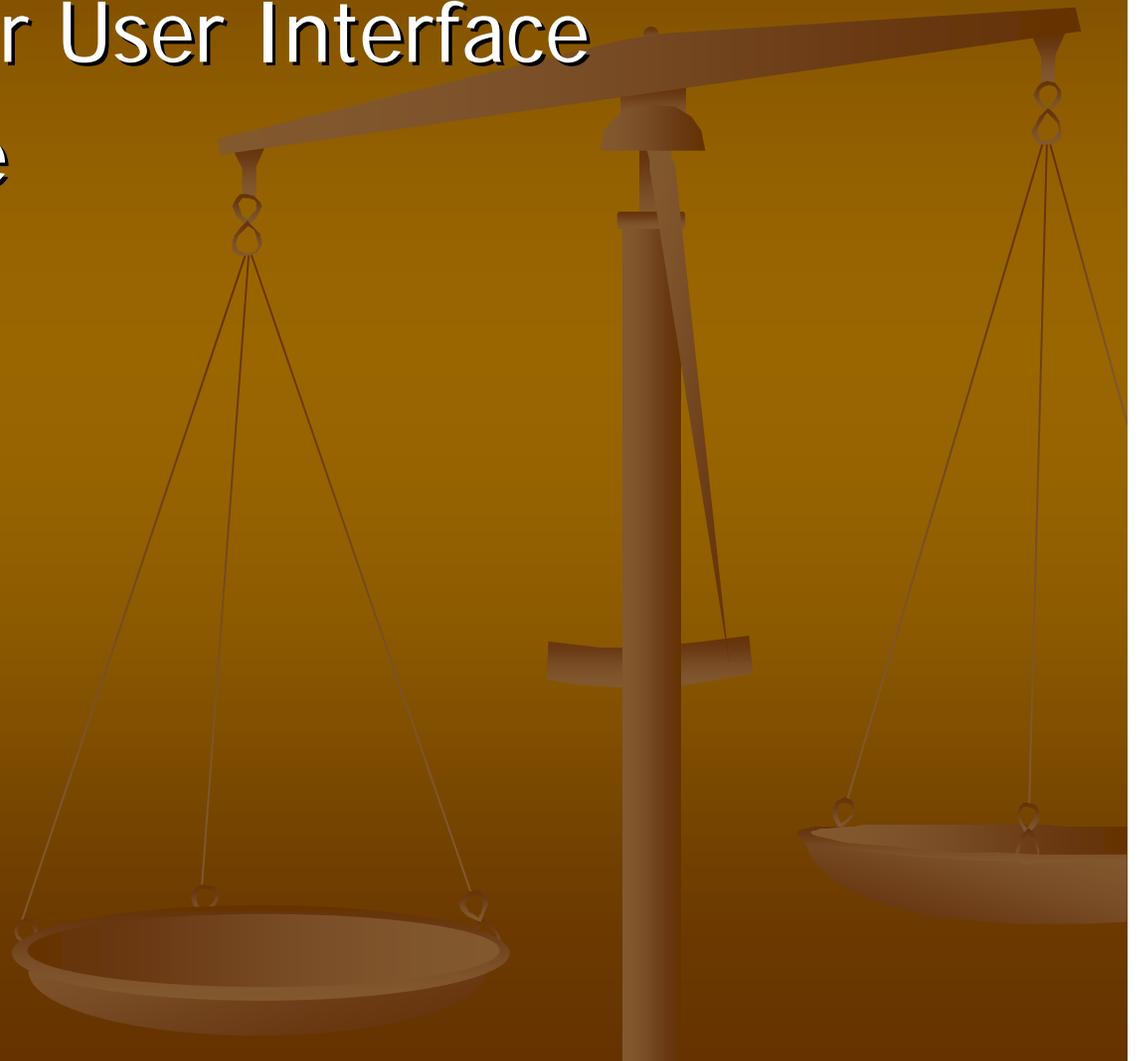
Jury Management System

- Jury Application
- Jury Source List
- Jury Summons
- Jury Questionnaire
- Tracking
- Reports
- Judicial Access



Jury Management Technology

- Oracle Forms for User Interface
- Oracle database
- Unix servers



Criminal Justice Information Network (CJIN)



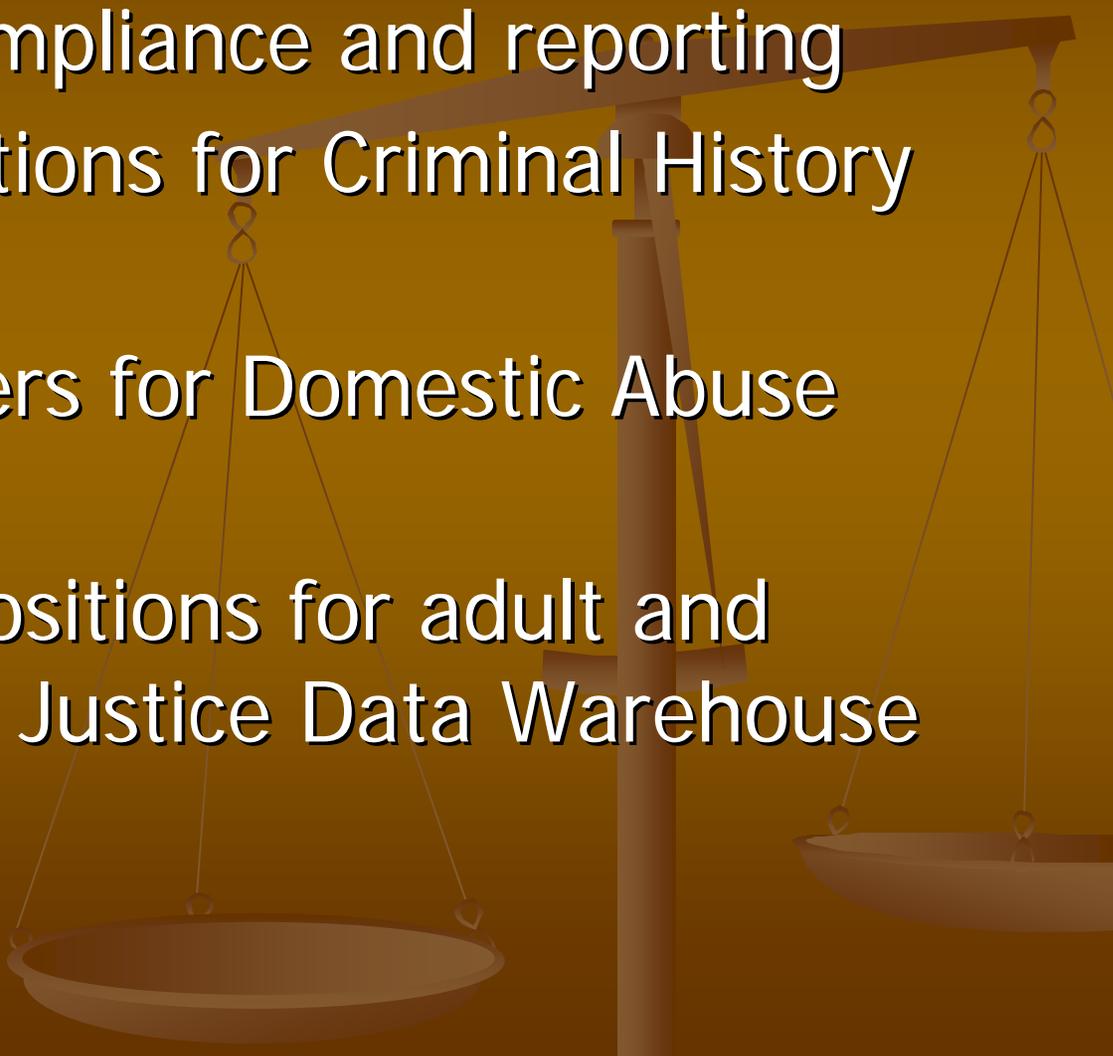
- Judge bench information system
- Offender based system
- Initial Appearance Courts
- Form orders
- Automate docketing to Trial Court CMS
- Data
 - Criminal History, Domestic Abuse Registry, Outstanding court debt, Traffic History, Probation History, Future court appearances, outstanding warrants

CJIN Technology

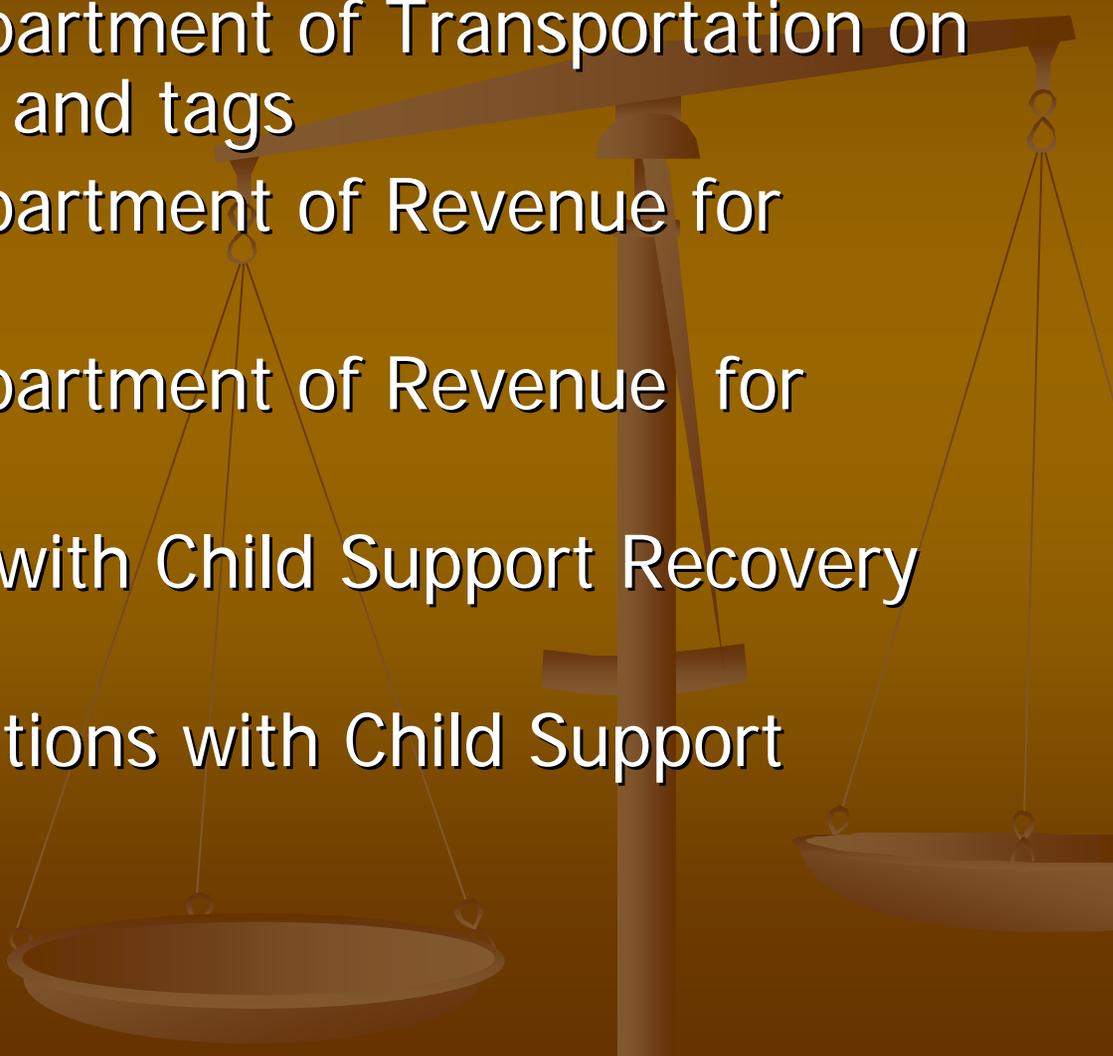
- Client Server
- Oracle database
- Workflow
- Forms



Interfaces with Executive Branch

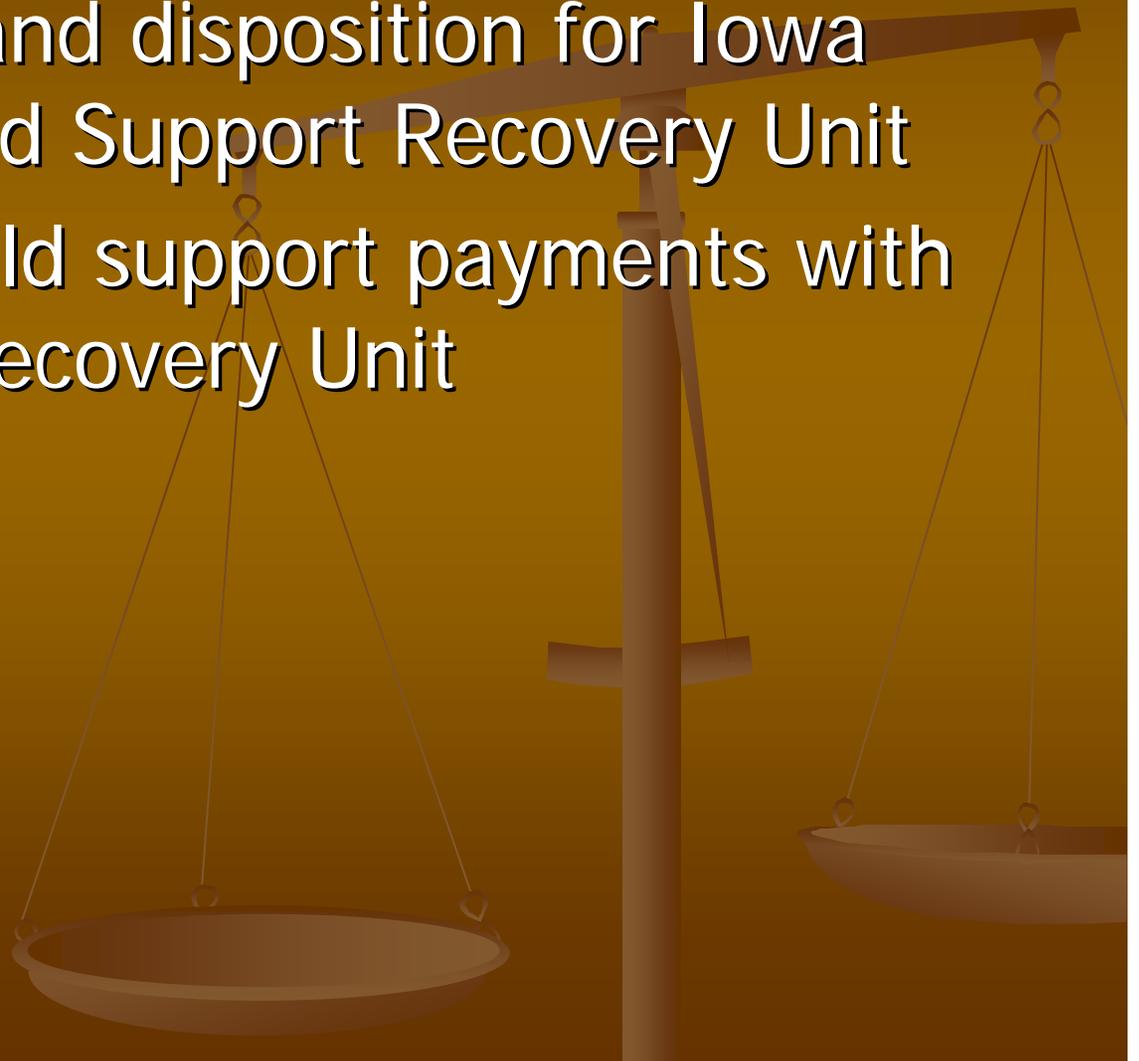
- Traffic ticket compliance and reporting
 - Criminal dispositions for Criminal History repository
 - No-Contact orders for Domestic Abuse Registry
 - Filings and dispositions for adult and juvenile cases – Justice Data Warehouse
- 

Interfaces with Executive Branch

- Court debt for Department of Transportation on renewal of license and tags
 - Court debt for Department of Revenue for income tax offset
 - Court debt for Department of Revenue for collections
 - Dissolution filings with Child Support Recovery Unit
 - Dissolution dispositions with Child Support Recovery Unit
- 

Interfaces with Executive Branch

- Probate filings and disposition for Iowa Lottery and Child Support Recovery Unit
- Reporting of child support payments with Child Support Recovery Unit

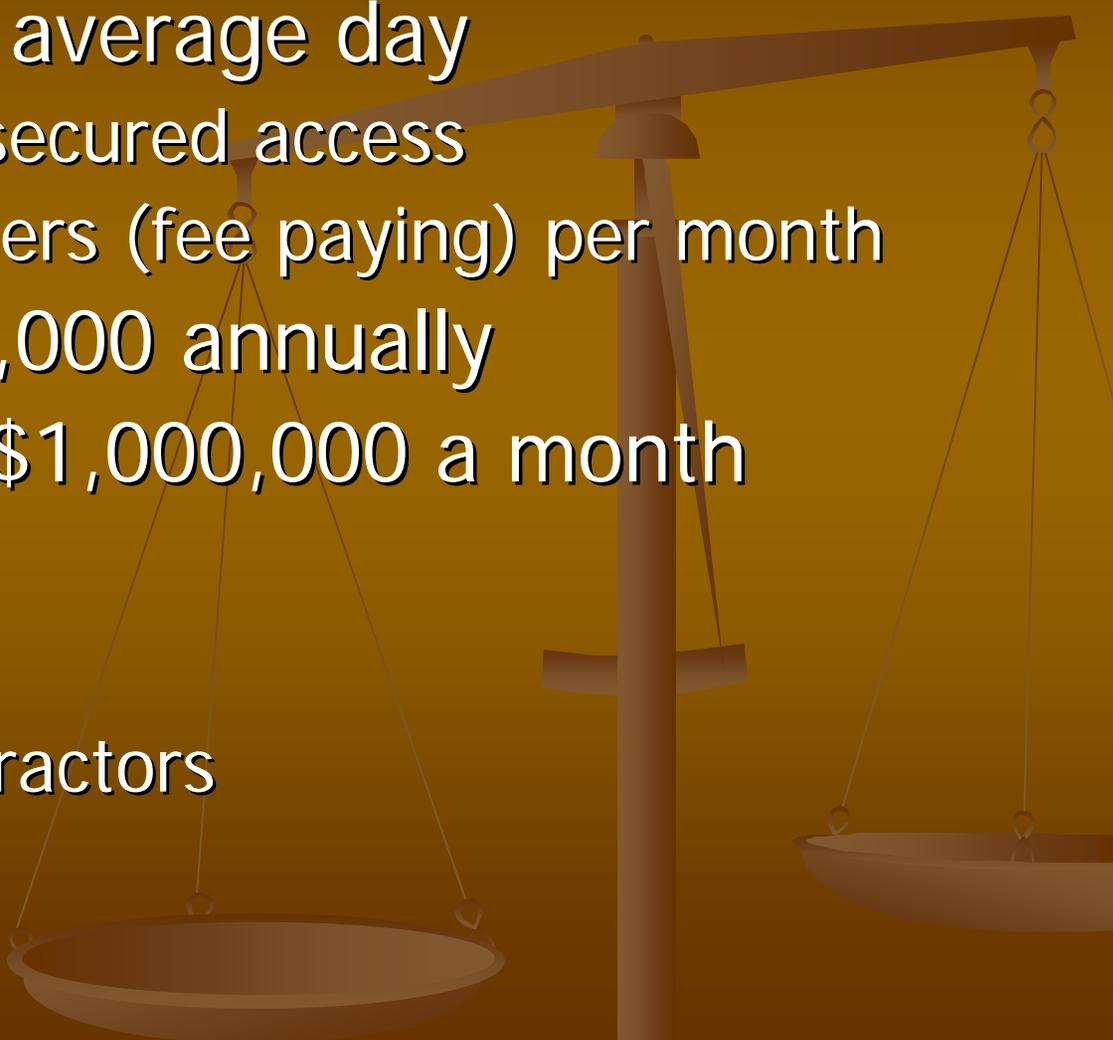


Electronic Public Access



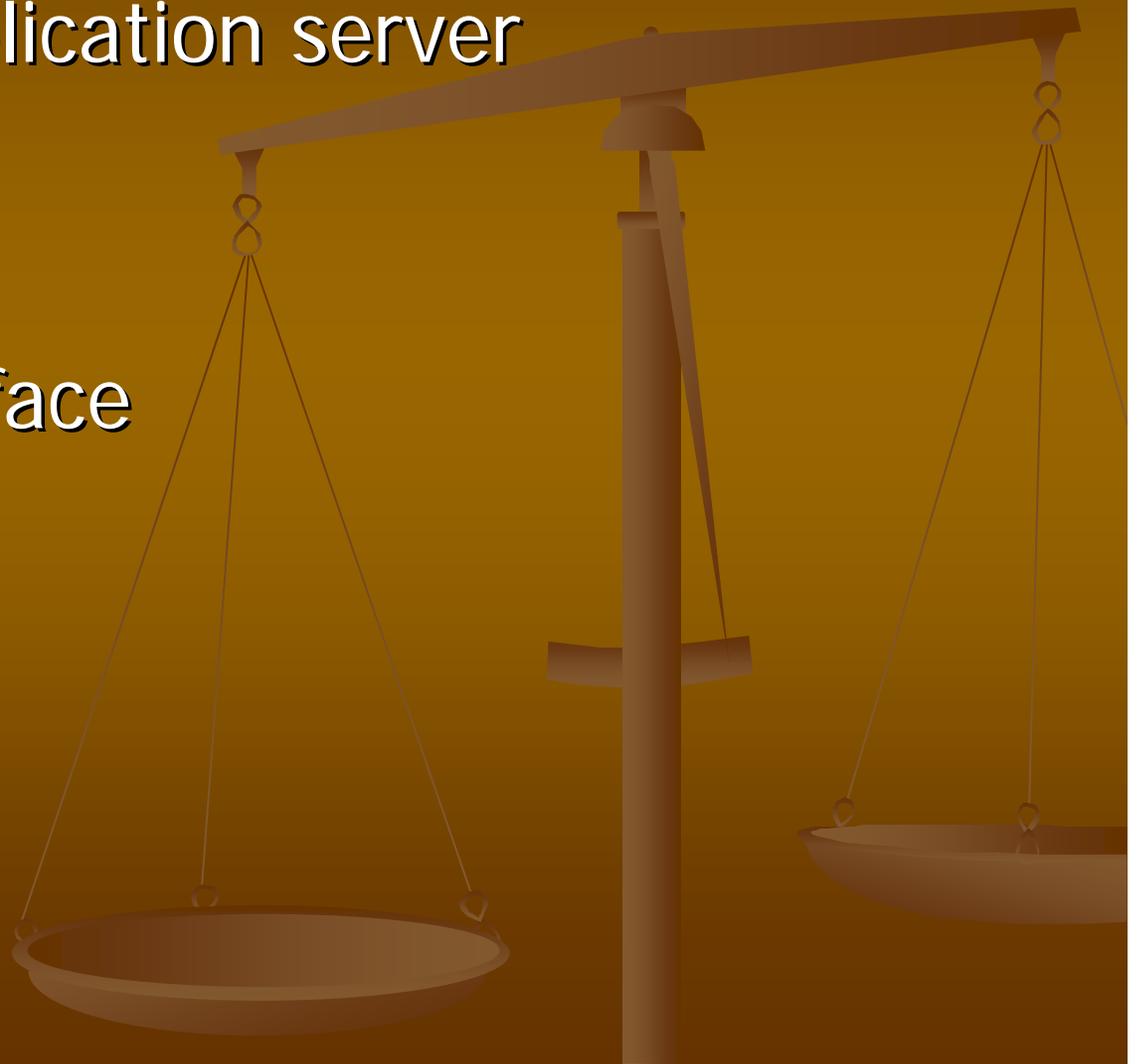
- Docket data for Trial and Appellate Courts
- Free portion of Access
- Fee portion of Access
- Government agency access
- E-Pay of court fees and fines on-line
- Streaming video of Appellate Court oral arguments

Electronic Public Access (2)

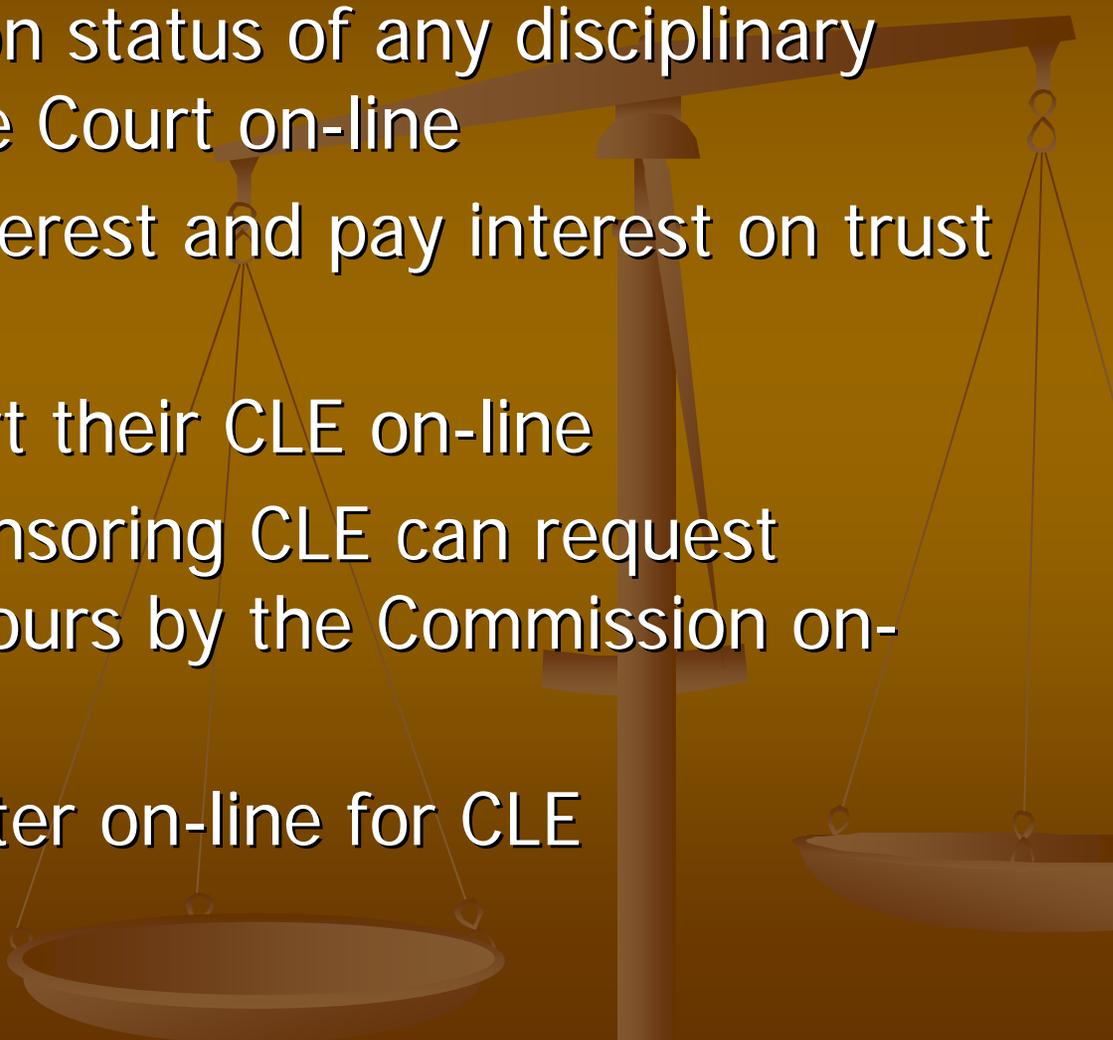
- 450,000 hits on average day
 - 5,350 users of secured access
 - 10,000 subscribers (fee paying) per month
 - Revenue \$325,000 annually
 - E-Pay – usage \$1,000,000 a month
 - Customers
 - General Public
 - Lawyers & Abstractors
 - Corporations
- 

Electronic Public Access Technology

- WebSphere application server
- Unix servers
- Load Balancer
- Java User Interface

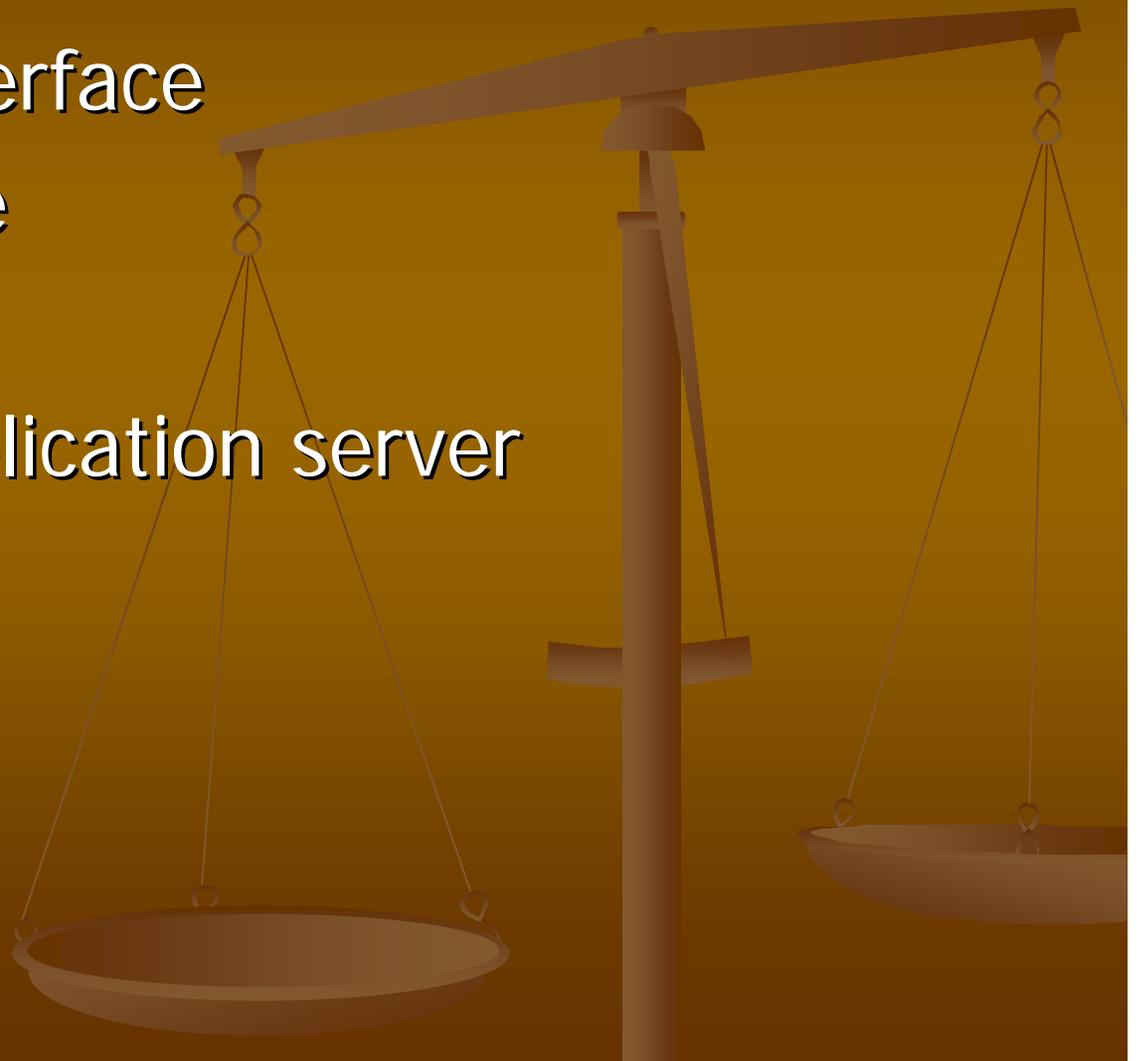


Attorney Discipline, Trust Account Reporting, and Continued Legal Education

- Public can check on status of any disciplinary action by Supreme Court on-line
 - Lawyers report interest and pay interest on trust funds on-line
 - Lawyers can report their CLE on-line
 - Organizations sponsoring CLE can request endorsement of hours by the Commission on-line
 - Lawyers can register on-line for CLE
- 

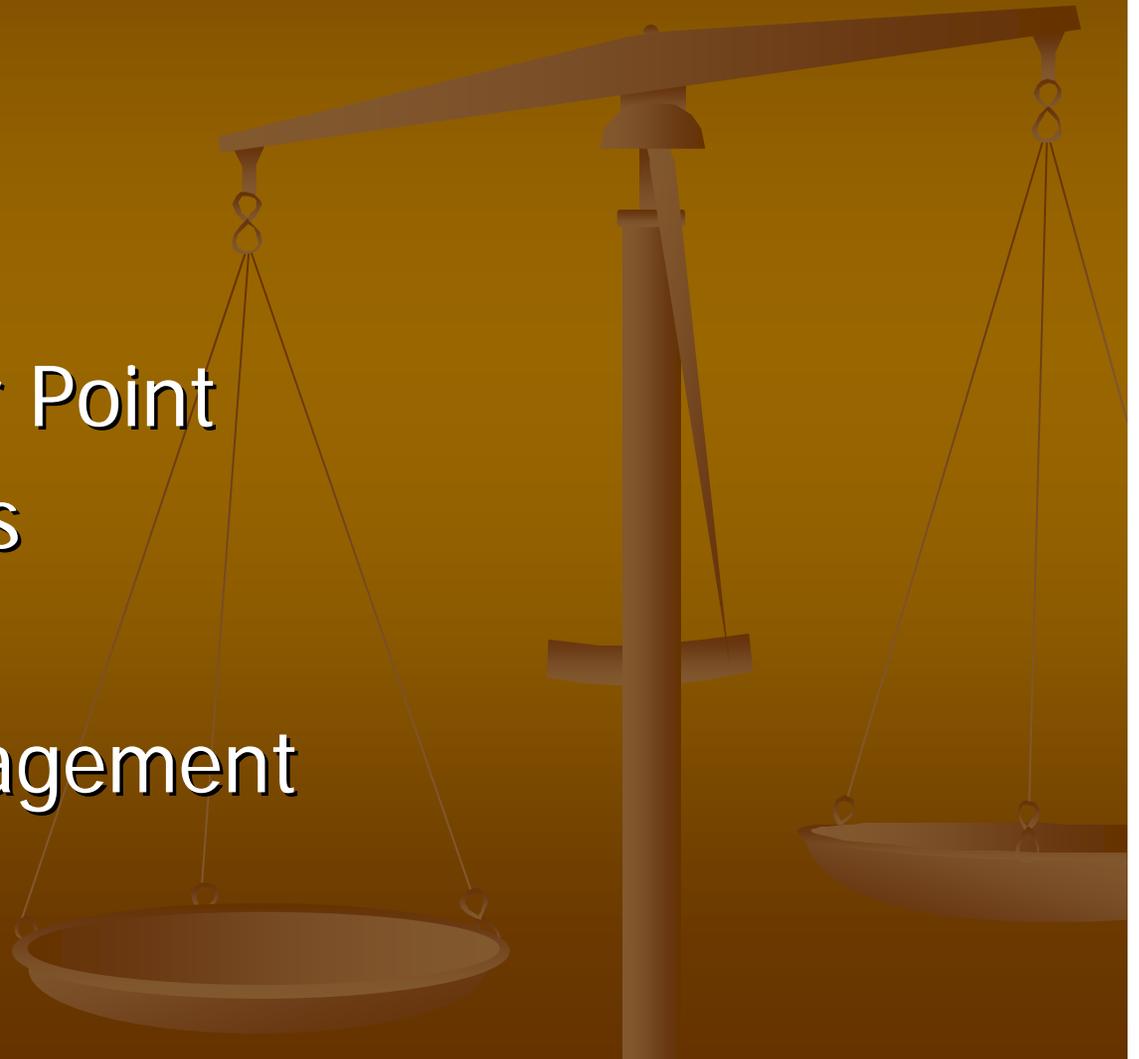
Attorney Discipline, Trust Account Reporting, and Continued Legal Education Technology

- Java – User Interface
- Oracle database
- Unix servers
- WebSphere application server



Office Productivity Tools

- E-Mail
- Microsoft Word
- Microsoft Excel
- Microsoft Power Point
- Microsoft Access
- Adobe PDF
- Document Management



IT Services

- **User Registration**
- **Network Services**
- **Help Desk Support**
- **SPAM Support**
- **Anti-Virus Support**
- **File Server Access**
- **Security management**
- **Backup services**
- **Case Management System Training**
- **Office Productivity Tool Training**
- **Desktop Support**
- **Database Support**



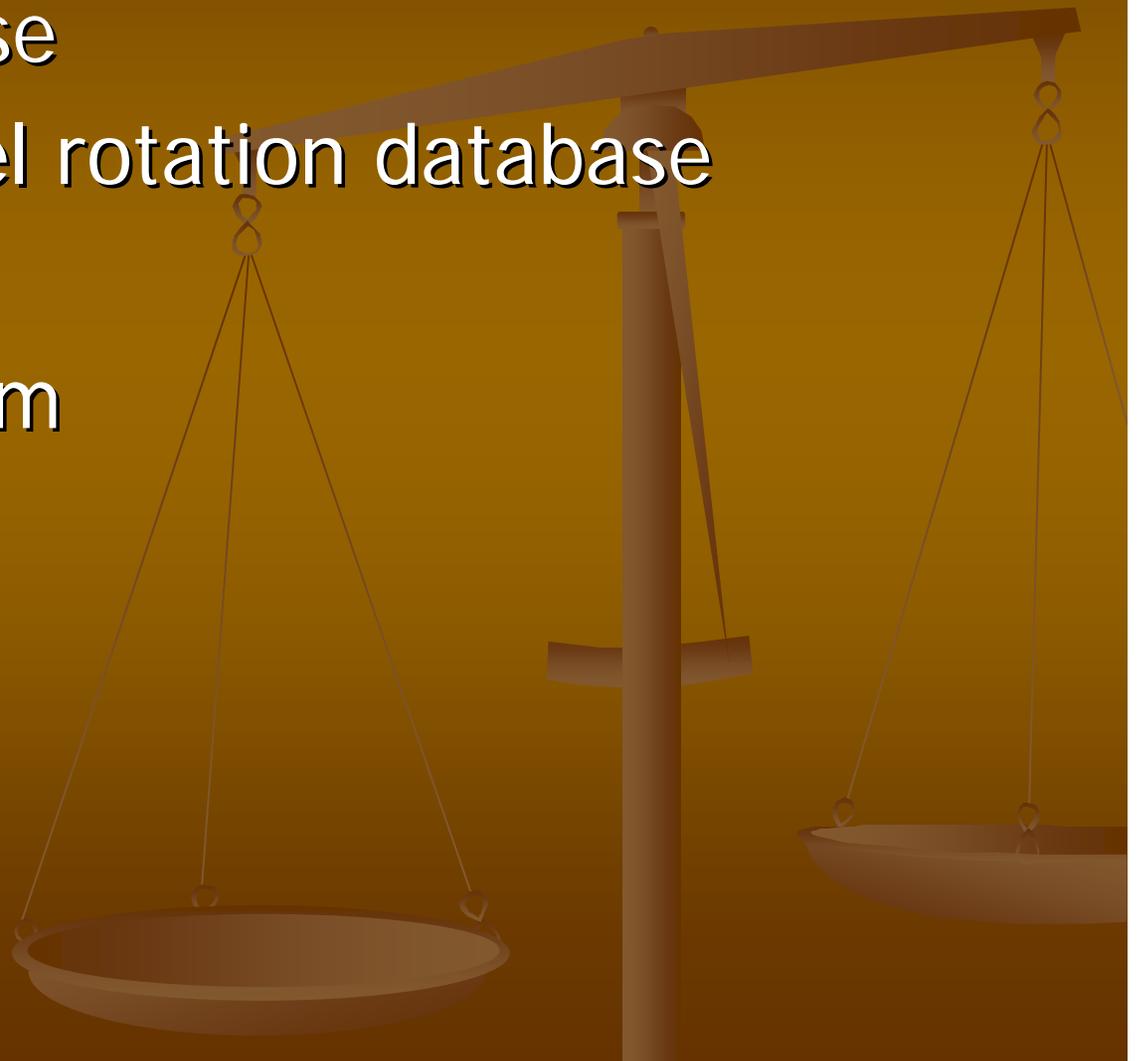
Judicial Support Tools

- Electronic Legal Research
- Jury Instructions database
- Criminal Law Handbook – Web application
- Bench Handbook
- Juvenile Handbook
- Order Reporting database
- Law Clerk Memo database



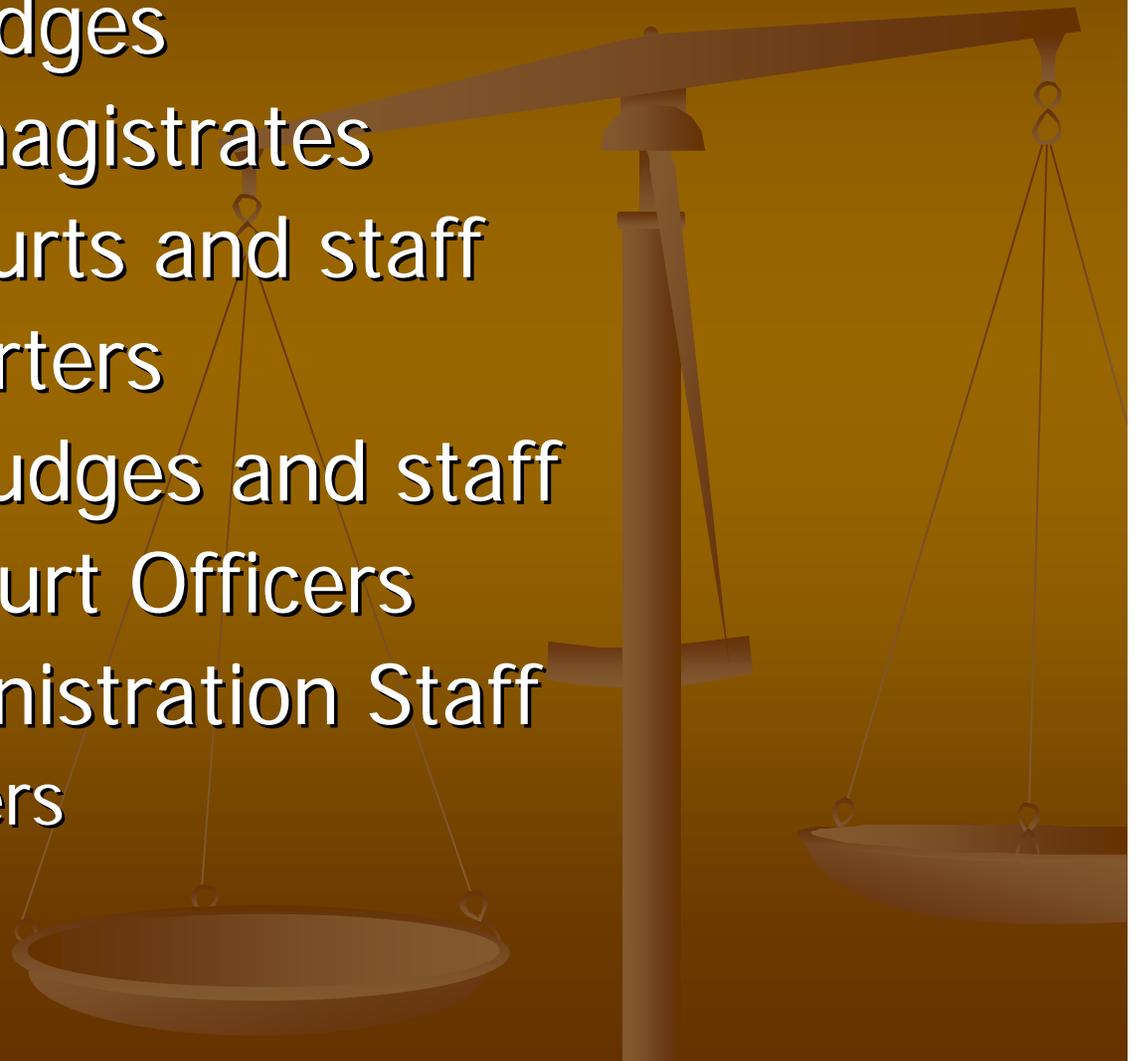
Judicial Support Tools (2)

- Opinion database
- Defense Counsel rotation database
- Judges Forum
- Legislative Forum



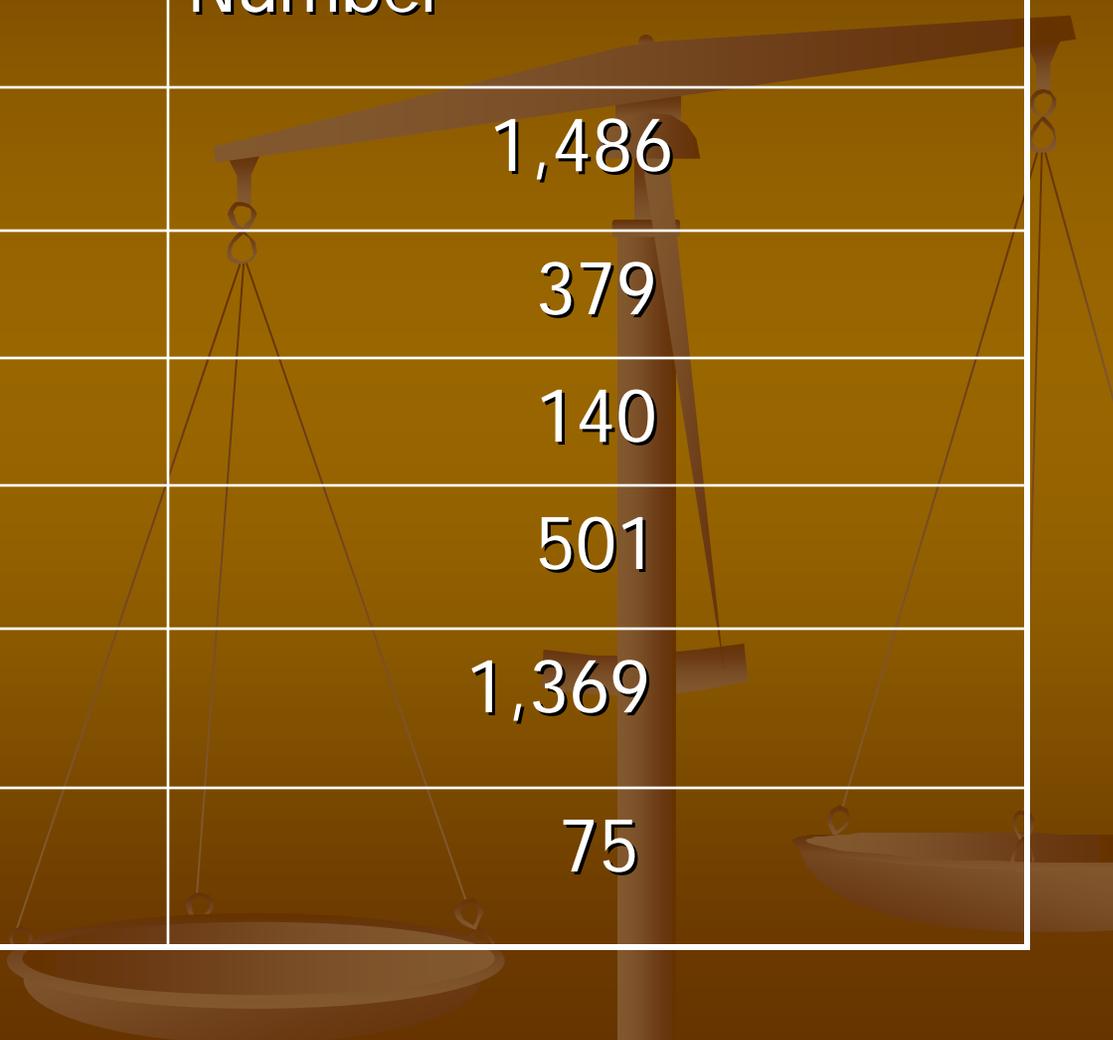
User Profile in Iowa

- 209 Full time judges
- 152 Part time magistrates
- 812 Clerk of Courts and staff
- 187 Court Reporters
- 125 Appellate Judges and staff
- 280 Juvenile Court Officers
- 190 Court Administration Staff
 - 1,830 Total Users



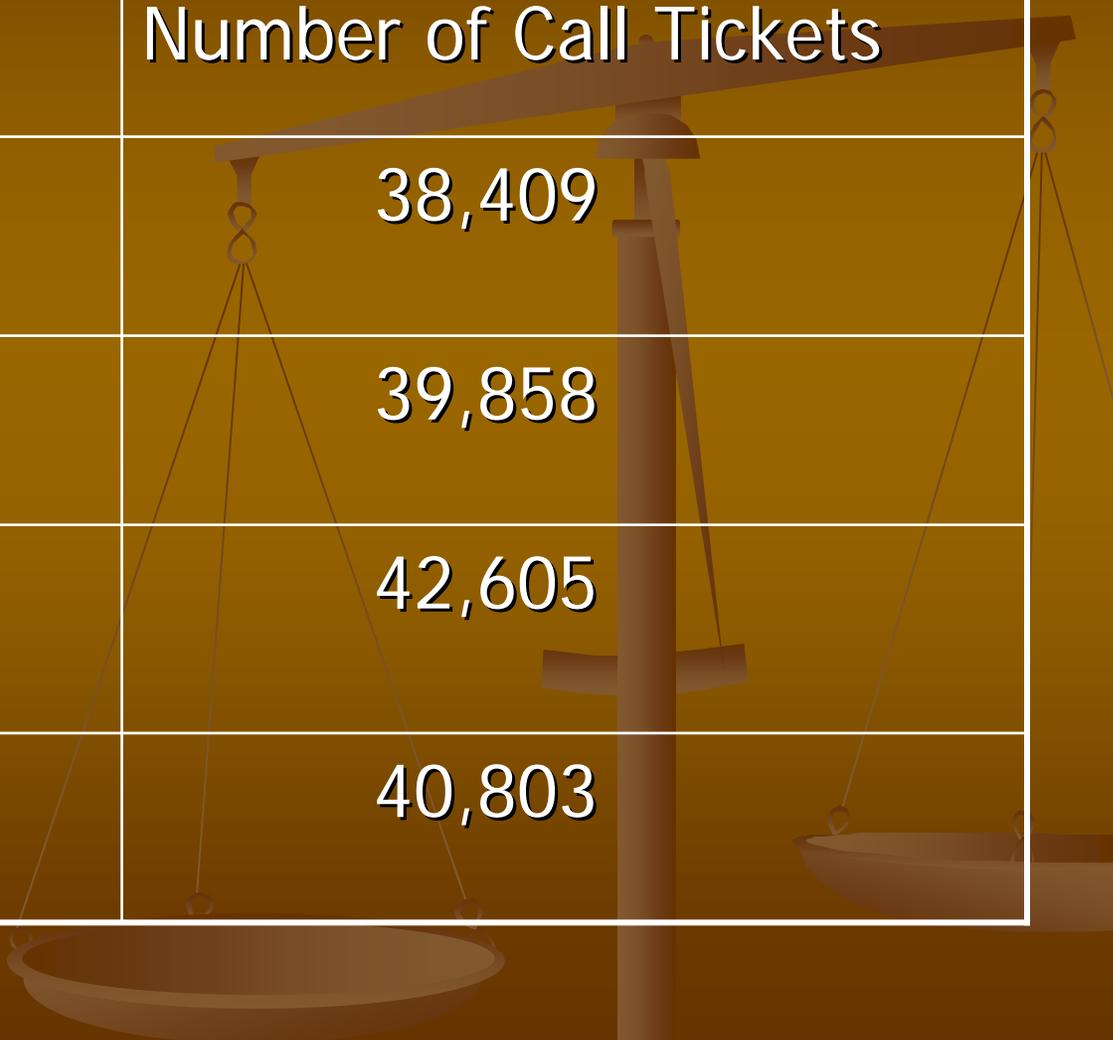
IT Devices Supported

Device Type	Number
Desktop PC's	1,486
Laptop PC's	379
Tablet PC's	140
Thin Clients	501
Printers	1,369
Servers	75

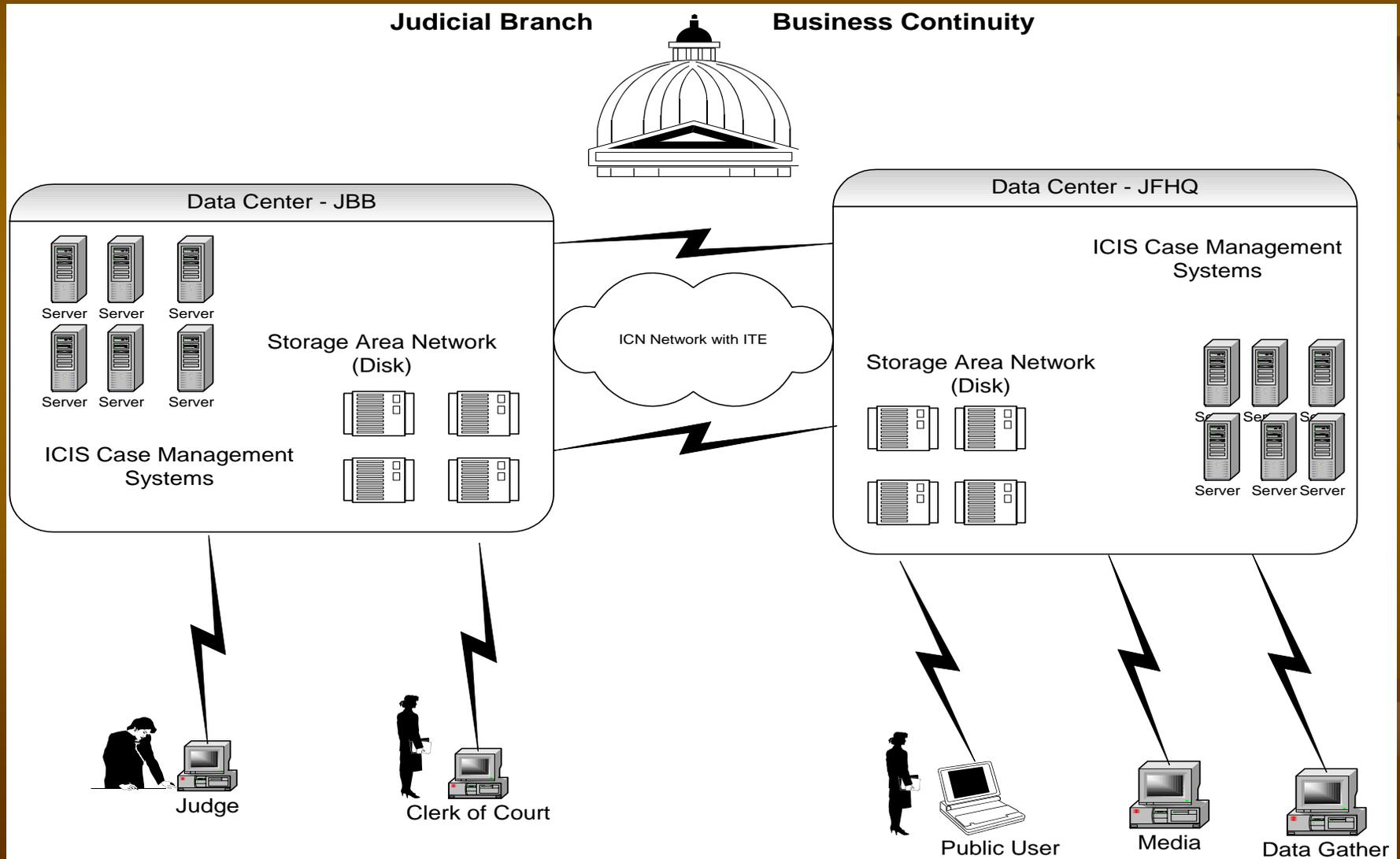


Usage of IT Services

Fiscal Year	Number of Call Tickets
FY03	38,409
FY04	39,858
FY05	42,605
FY06	40,803

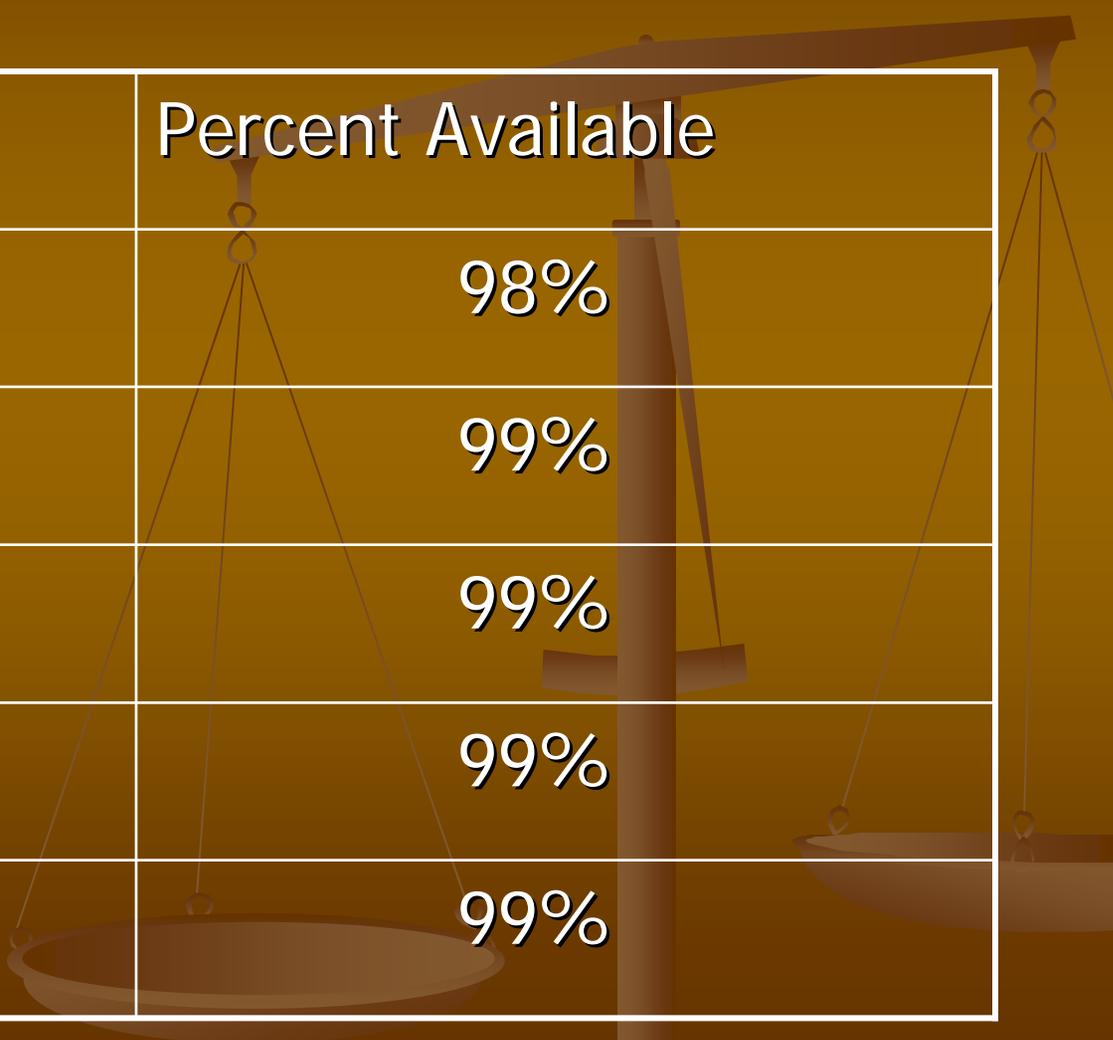


Judicial Branch – Data Centers



Server Availability

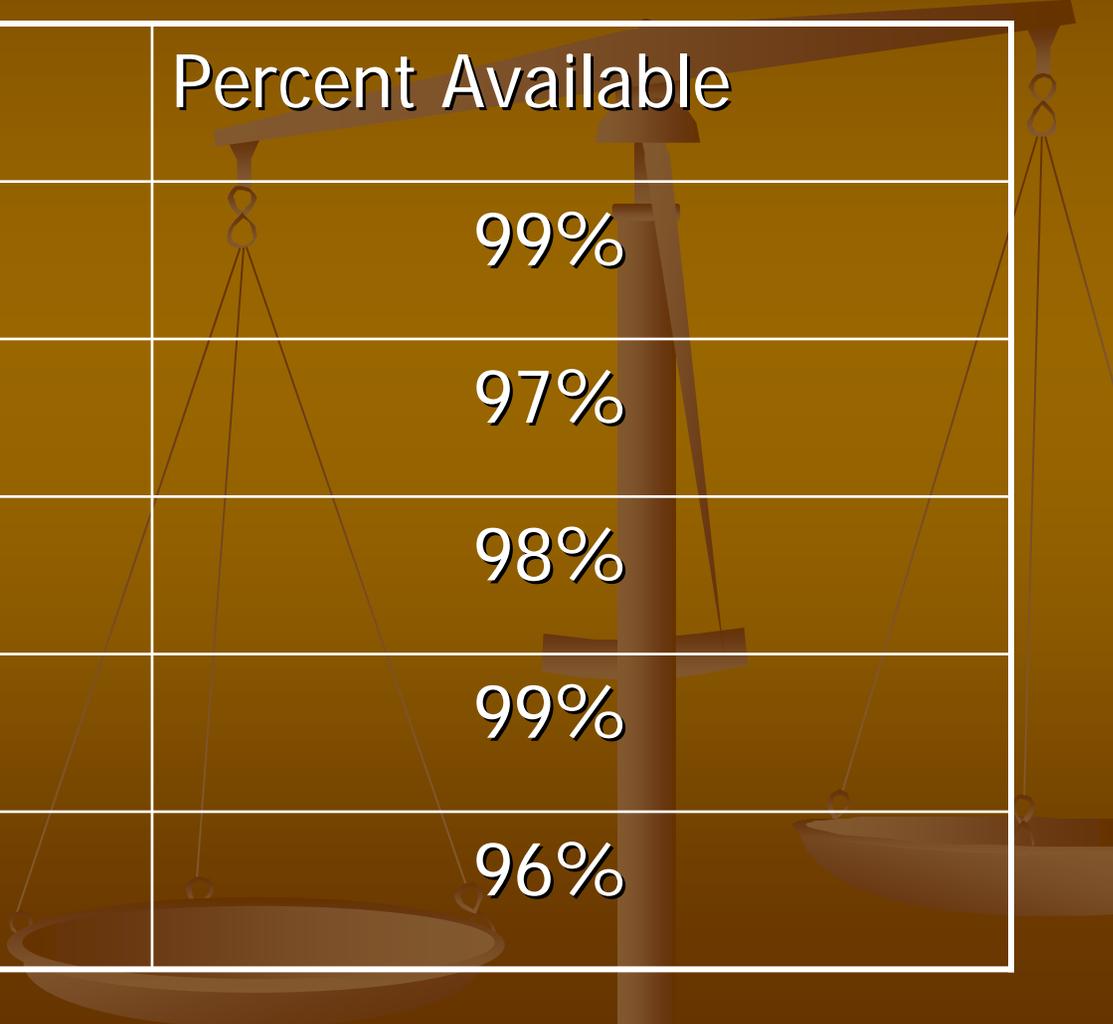
(Based on server outage during prime user hours)



Month/Year	Percent Available
September/05	98%
December/05	99%
March/06	99%
June/06	99%
September/06	99%

Network Availability

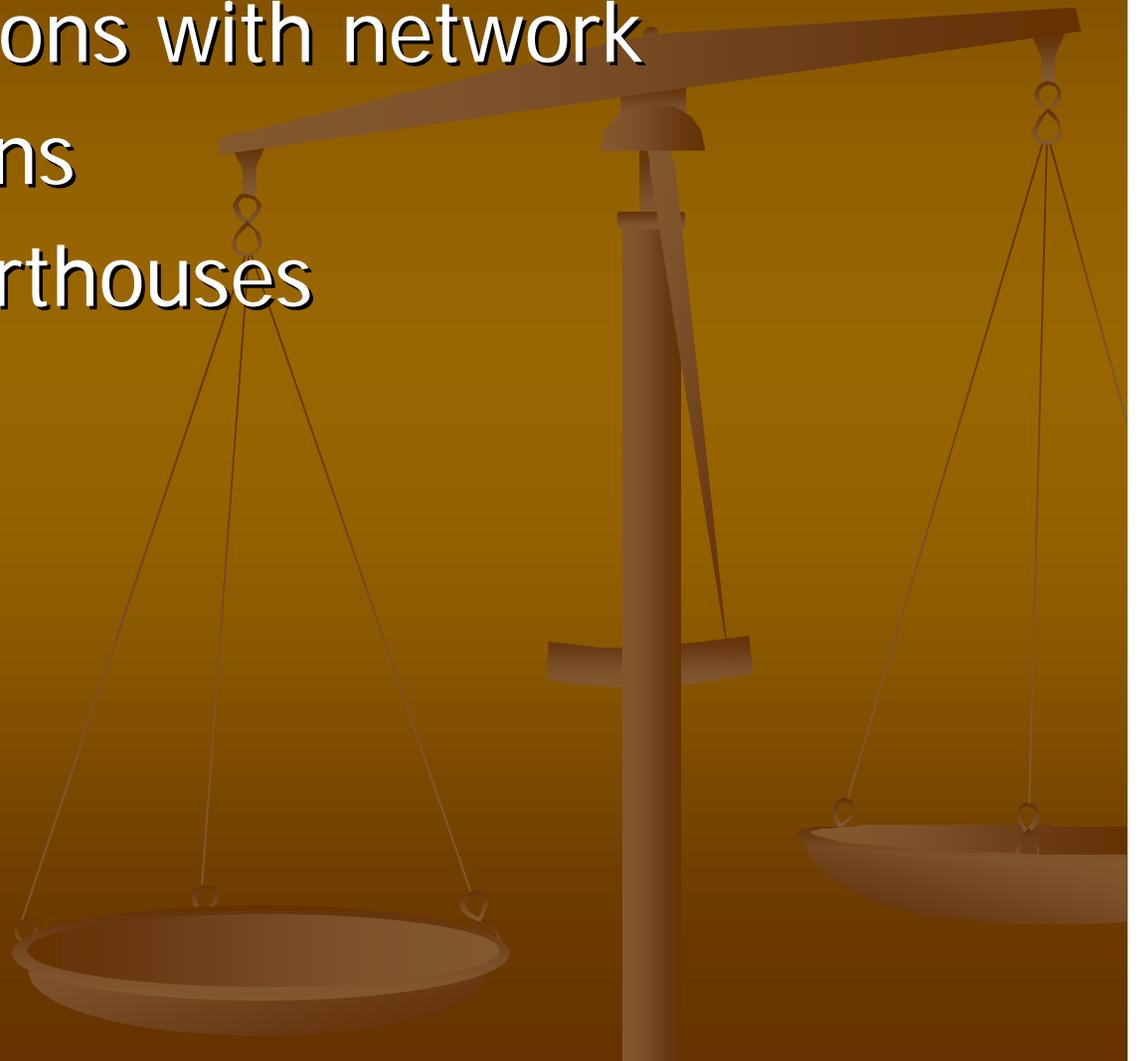
(Based on server outage during prime user hours)



Month/Year	Percent Available
September/05	99%
December/05	97%
March/06	98%
June/06	99%
September/06	96%

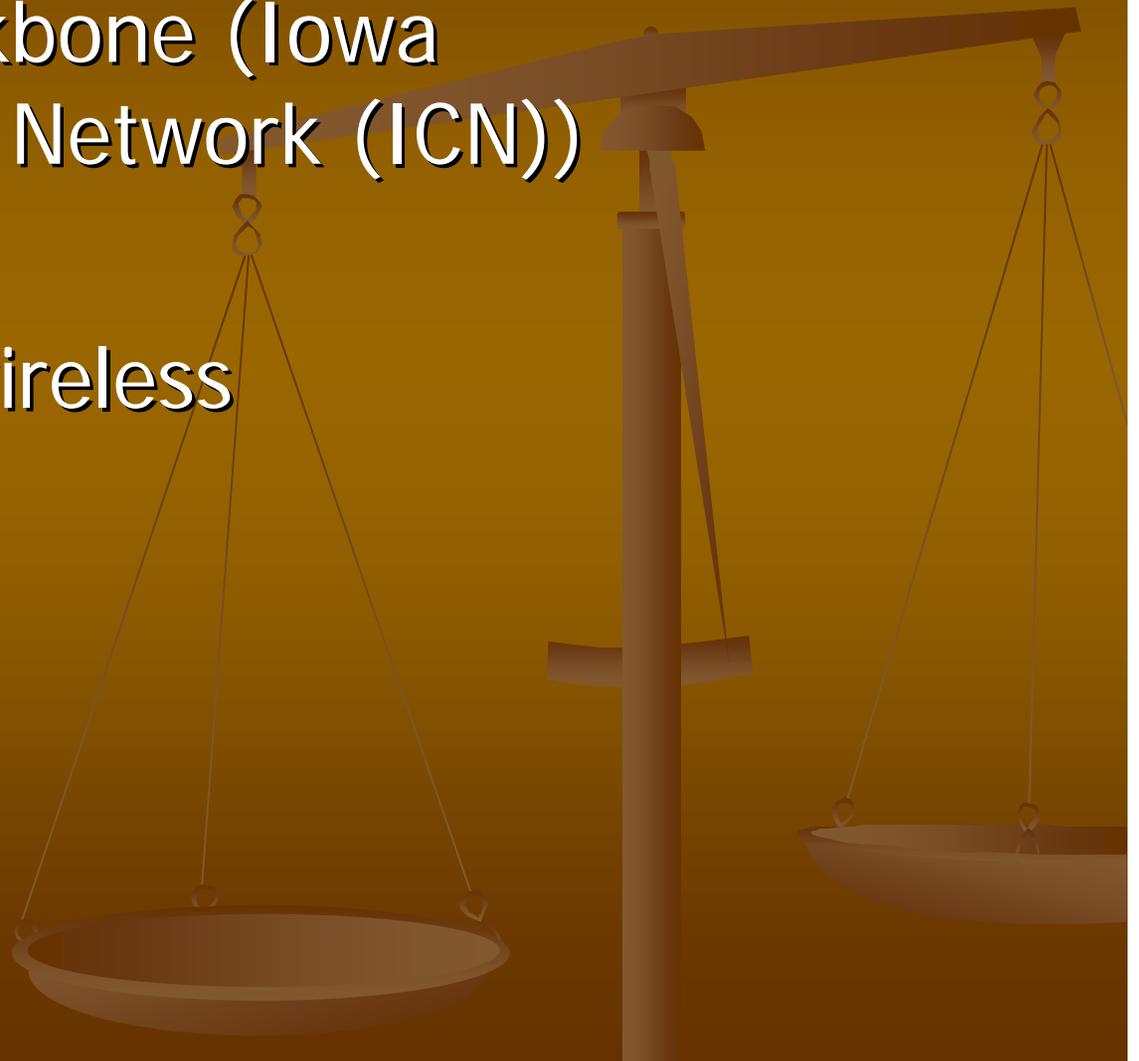
Area covered by Network

- 145 Court locations with network
- 100 LAN locations
- 100 County courthouses

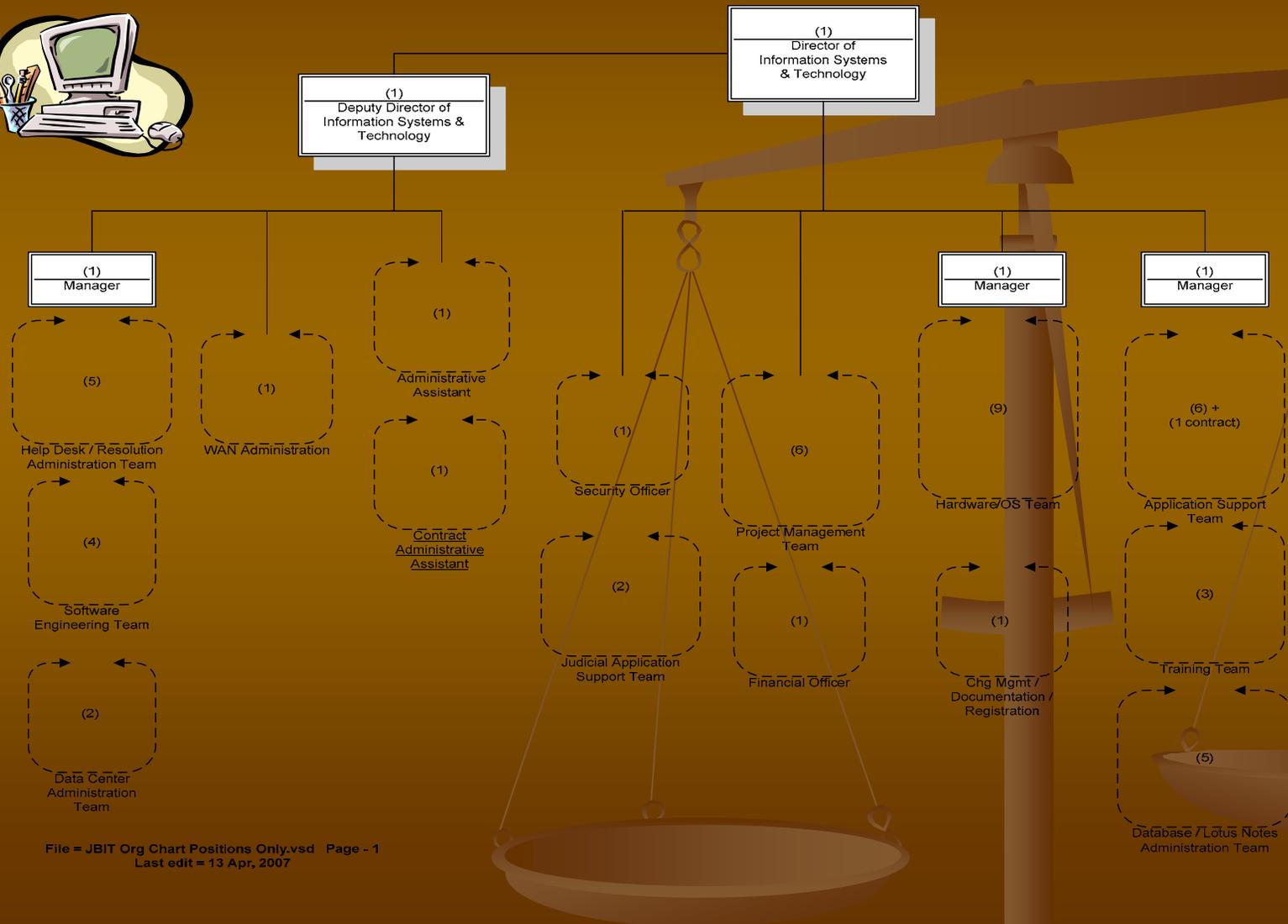


Configuration of Network

- State Fiber backbone (Iowa Communication Network (ICN))
- Ethernet T1's
- Point to Point wireless
- 145 locations



IT Staff

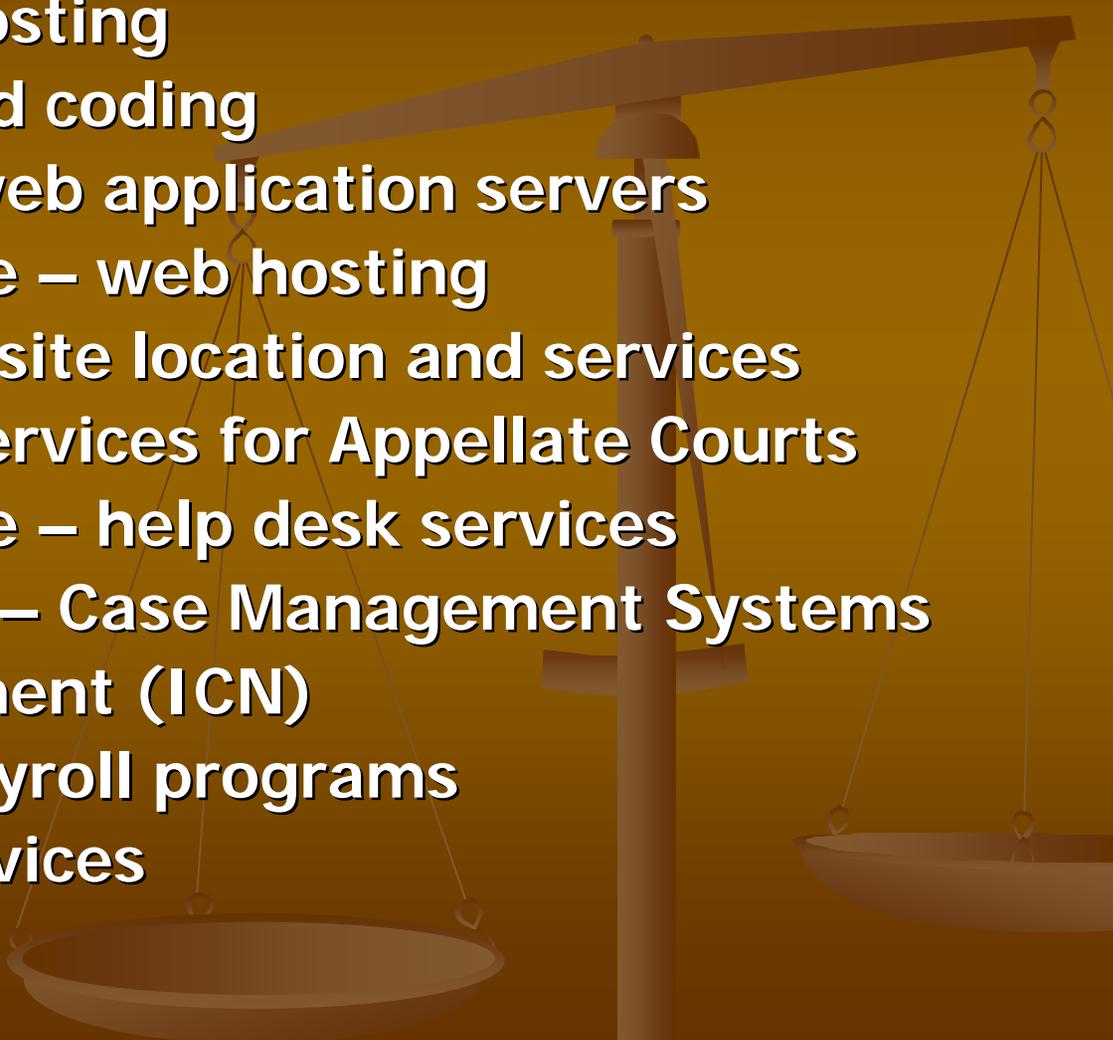


IT Contractors

■ Staff Augmentation

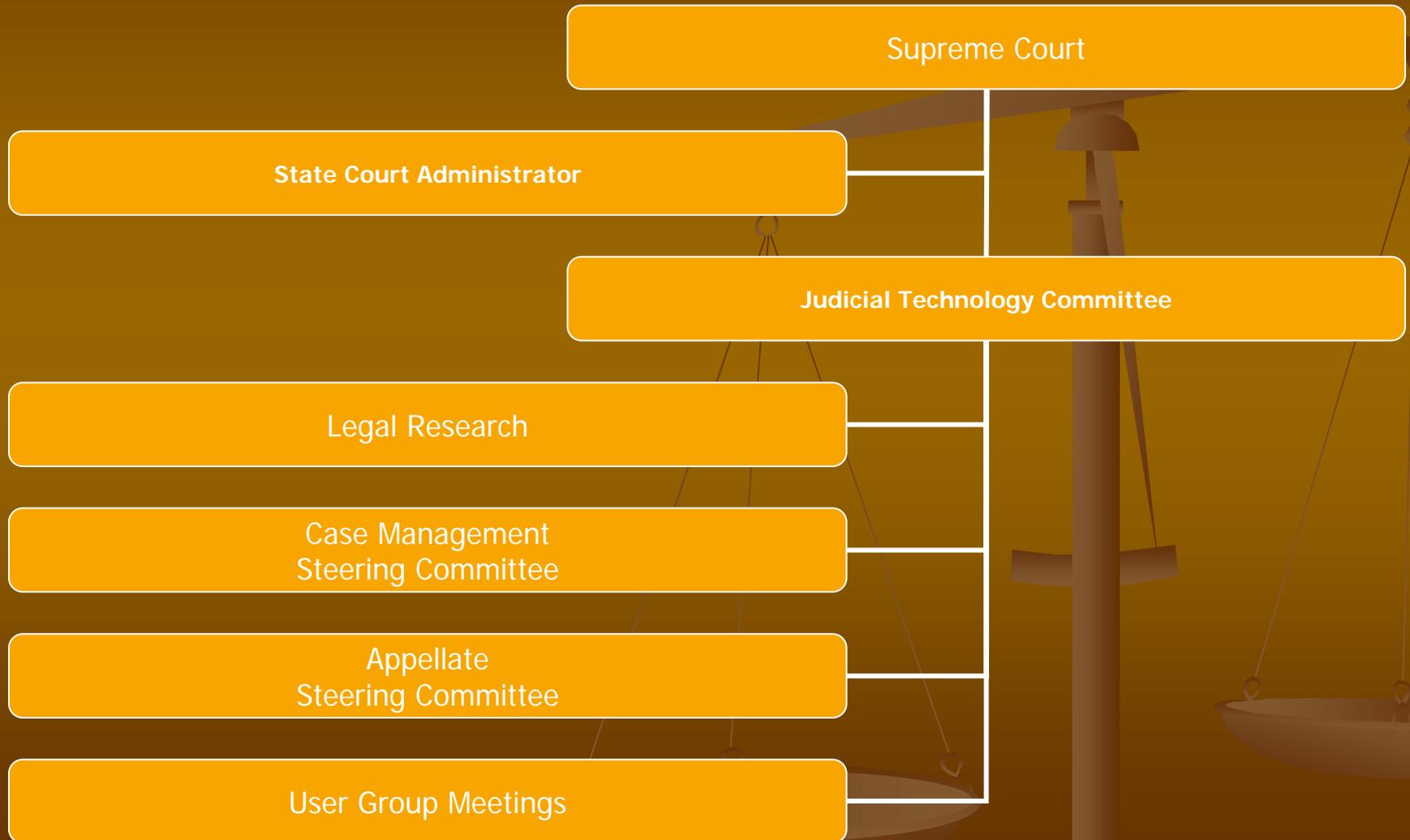
- **Business Analyst – Working on a Risk Assessment project for Juvenile Court Services.**
- **Business Intelligence Administrator – Working on information flow from Courts DB's to Executive Branch DB's.**
- **Business Process Improvement Analyst – Working on process improvement between Juvenile Case Management and program services.**
- **Research Analyst – Research technology solutions presented by business customers**
- **Market Research Analyst – Survey Iowa Courts Online customers for use, performance and additional services.**

IT Contracted Services



- **Judicial website hosting**
- **Website design and coding**
- **Linux Support of web application servers**
- **Iowa Courts Online – web hosting**
- **Disaster Recovery site location and services**
- **Streaming video services for Appellate Courts**
- **Iowa Courts Online – help desk services**
- **Java development – Case Management Systems**
- **Network management (ICN)**
- **Accounting and payroll programs**
- **Jury Help desk services**

IT Governance

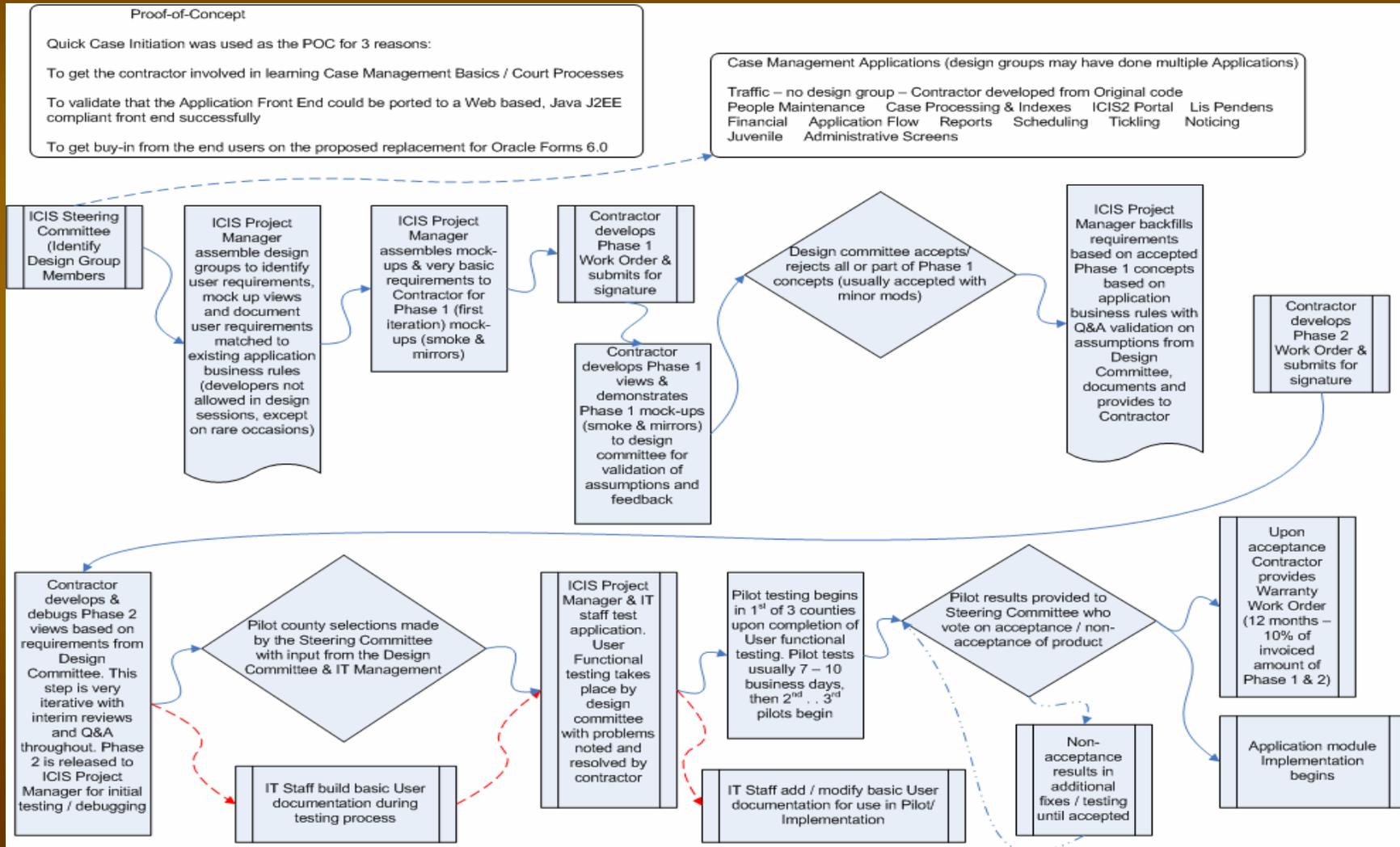


Strategic Planning Process

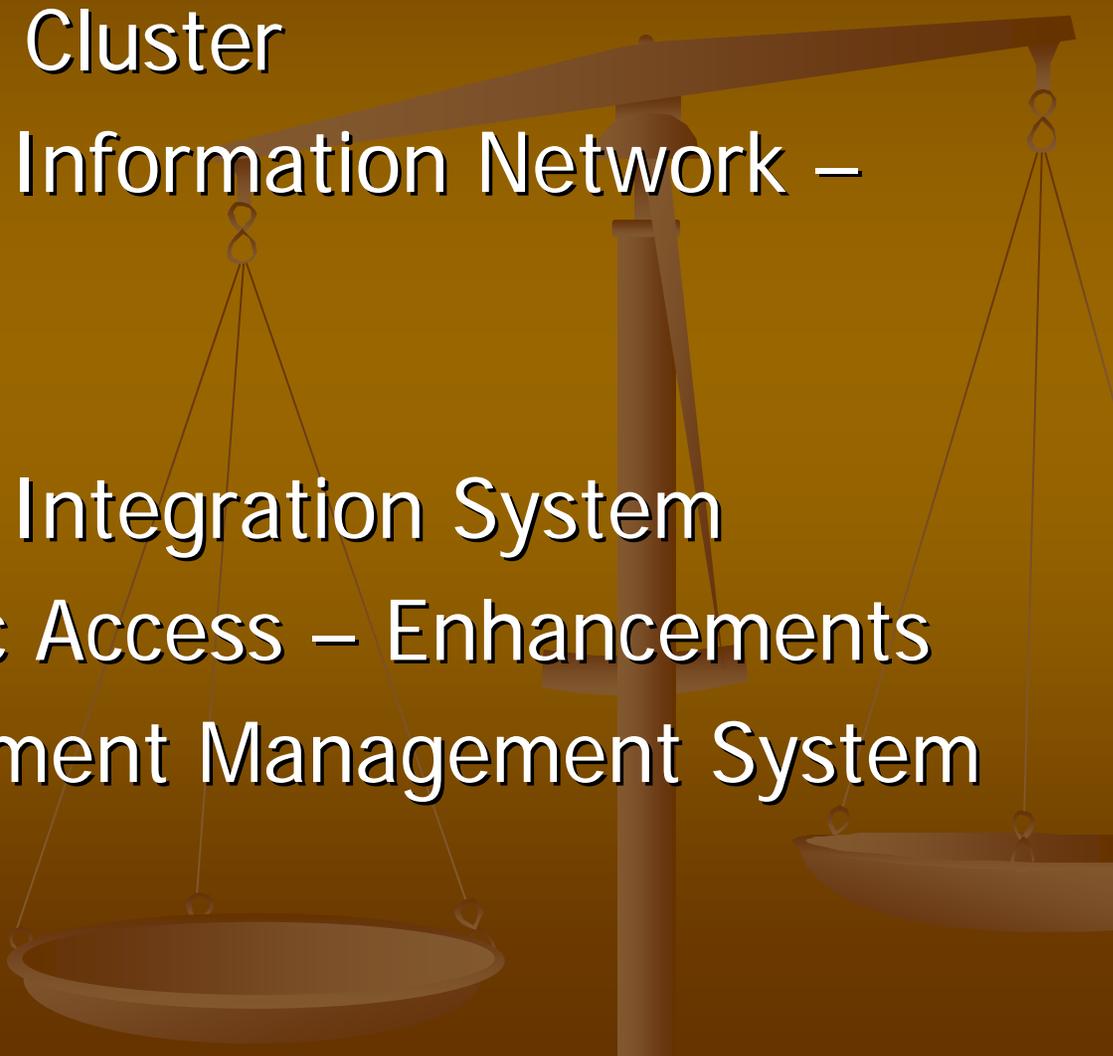
- Process
- Coverage Period
- Plan developed
- Submitted to Judicial Council
- Submitted to State Court Administrator
- Submitted to Supreme Court
- Reviewed quarterly
- Annual 2 or 3 day planning meeting
- Update Strategic Plan



Custom Application Development Methodology

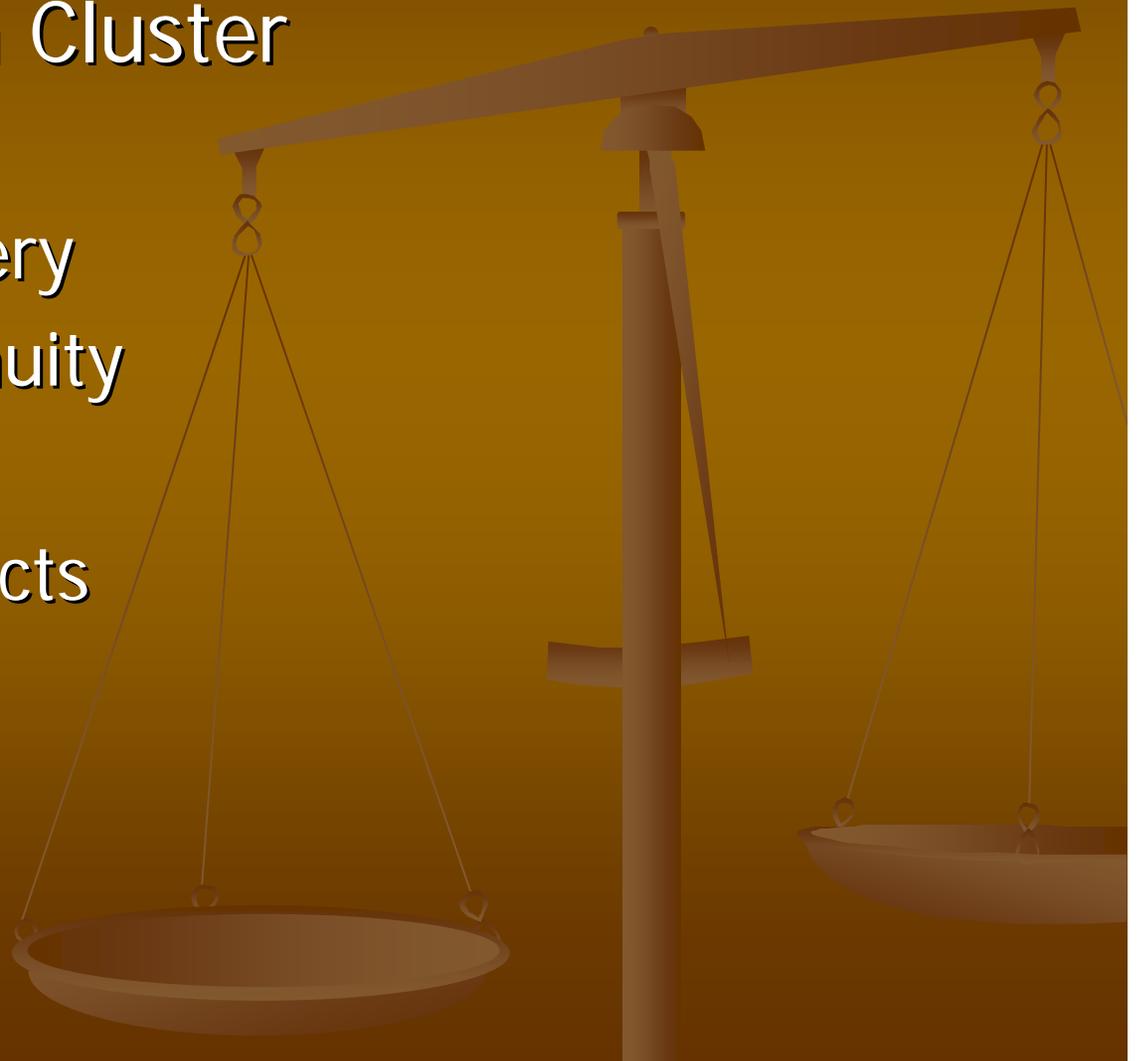


Strategic Initiatives Iowa Courts

- Real Application Cluster
 - Criminal Justice Information Network – Enhancements
 - E-Juror
 - Criminal Justice Integration System
 - Electronic Public Access – Enhancements
 - Electronic Document Management System
- 

Real Application Cluster

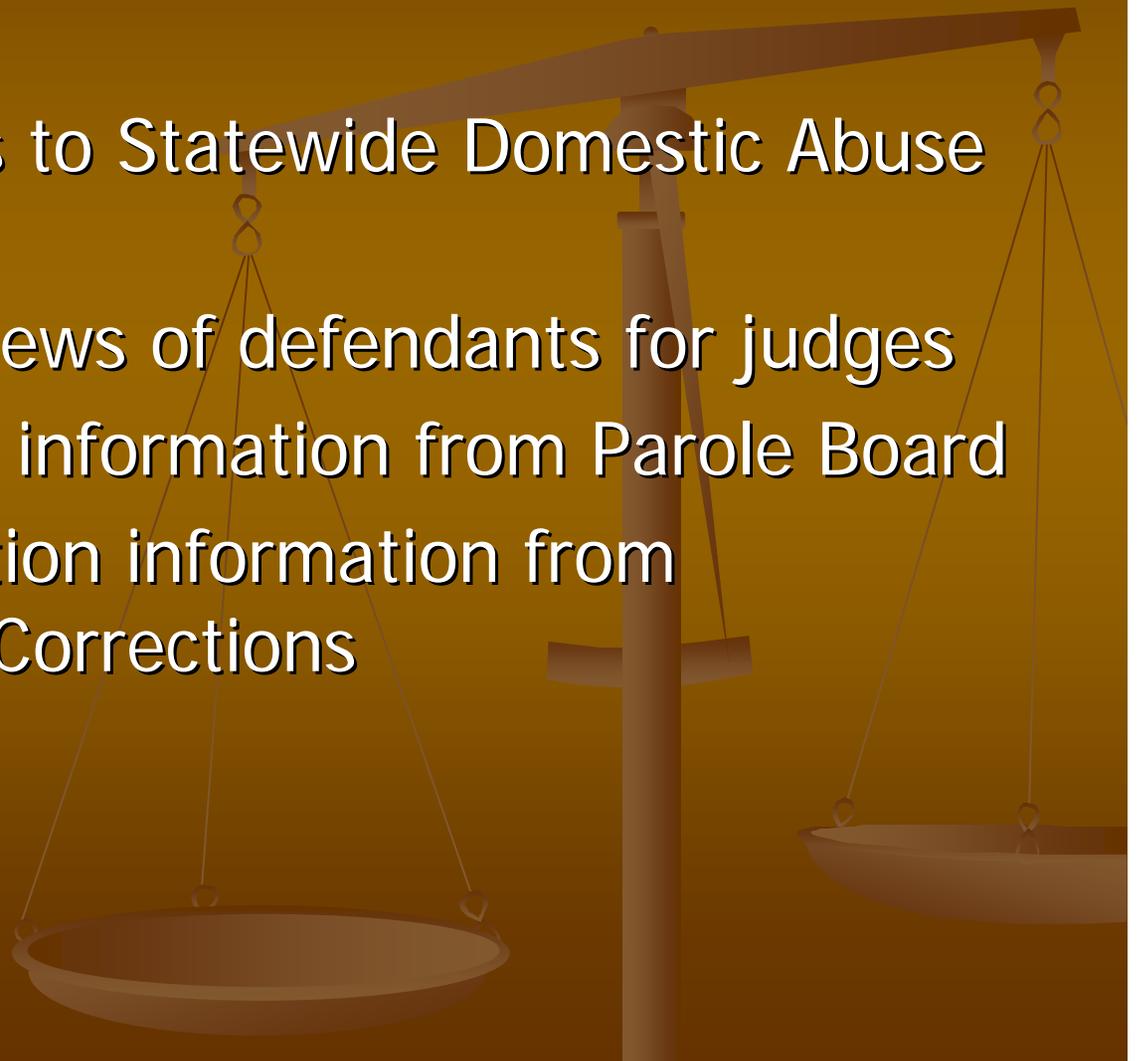
- Real Application Cluster
 - Data Centers
 - Disaster Recovery
 - Business Continuity
 - Performance
 - Outsource aspects



Criminal Justice Information Network (CJIN)

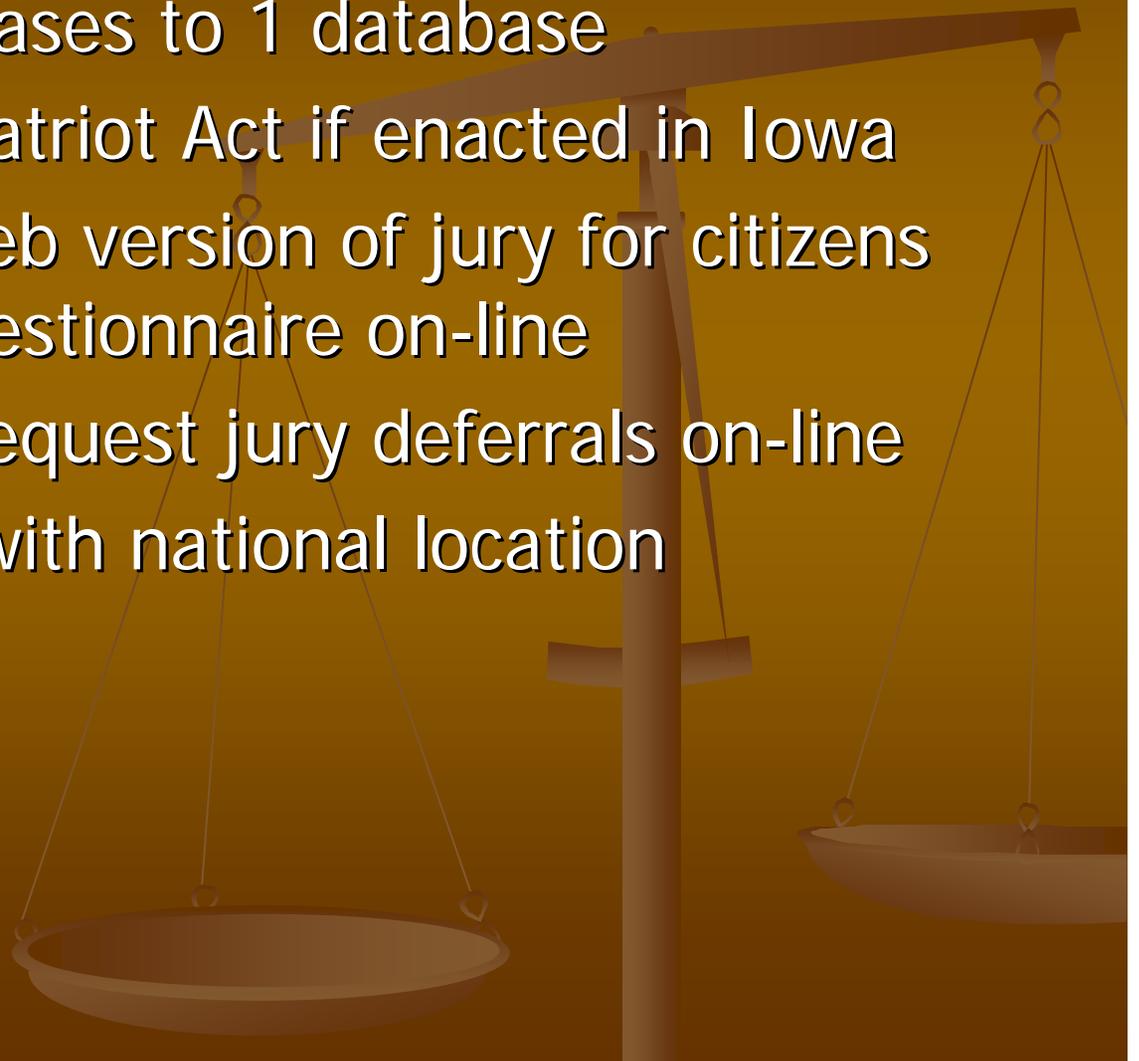
■ Enhancements

- Increase access to Statewide Domestic Abuse Registry
- Provide more views of defendants for judges
- Enhance parole information from Parole Board
- Enhance probation information from Department of Corrections



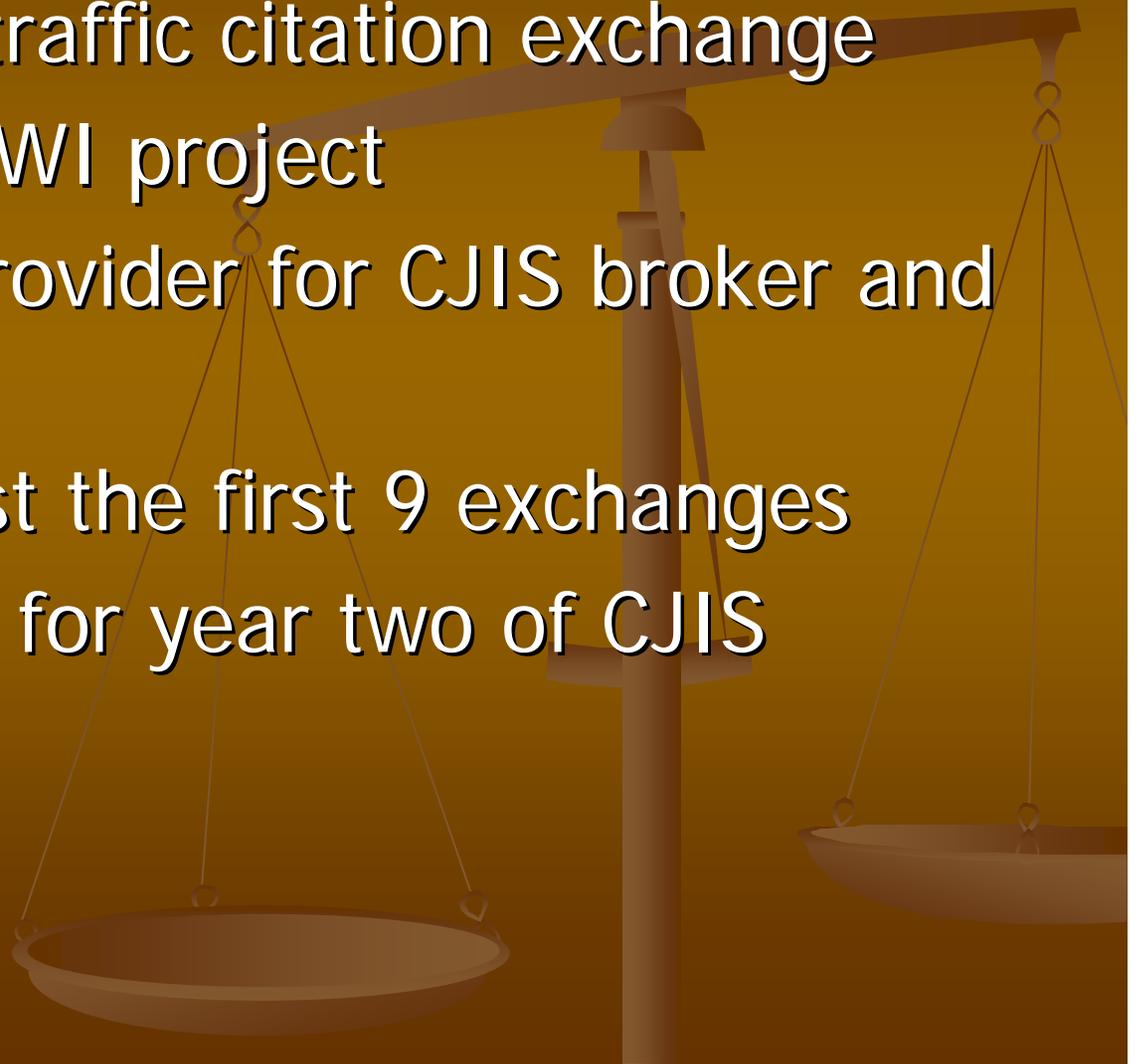
E- Juror

- Transfer 99 databases to 1 database
- Prepare jury for Patriot Act if enacted in Iowa
- Implement the Web version of jury for citizens to answer jury questionnaire on-line
- Allow citizens to request jury deferrals on-line
- Improve jury list with national location databases



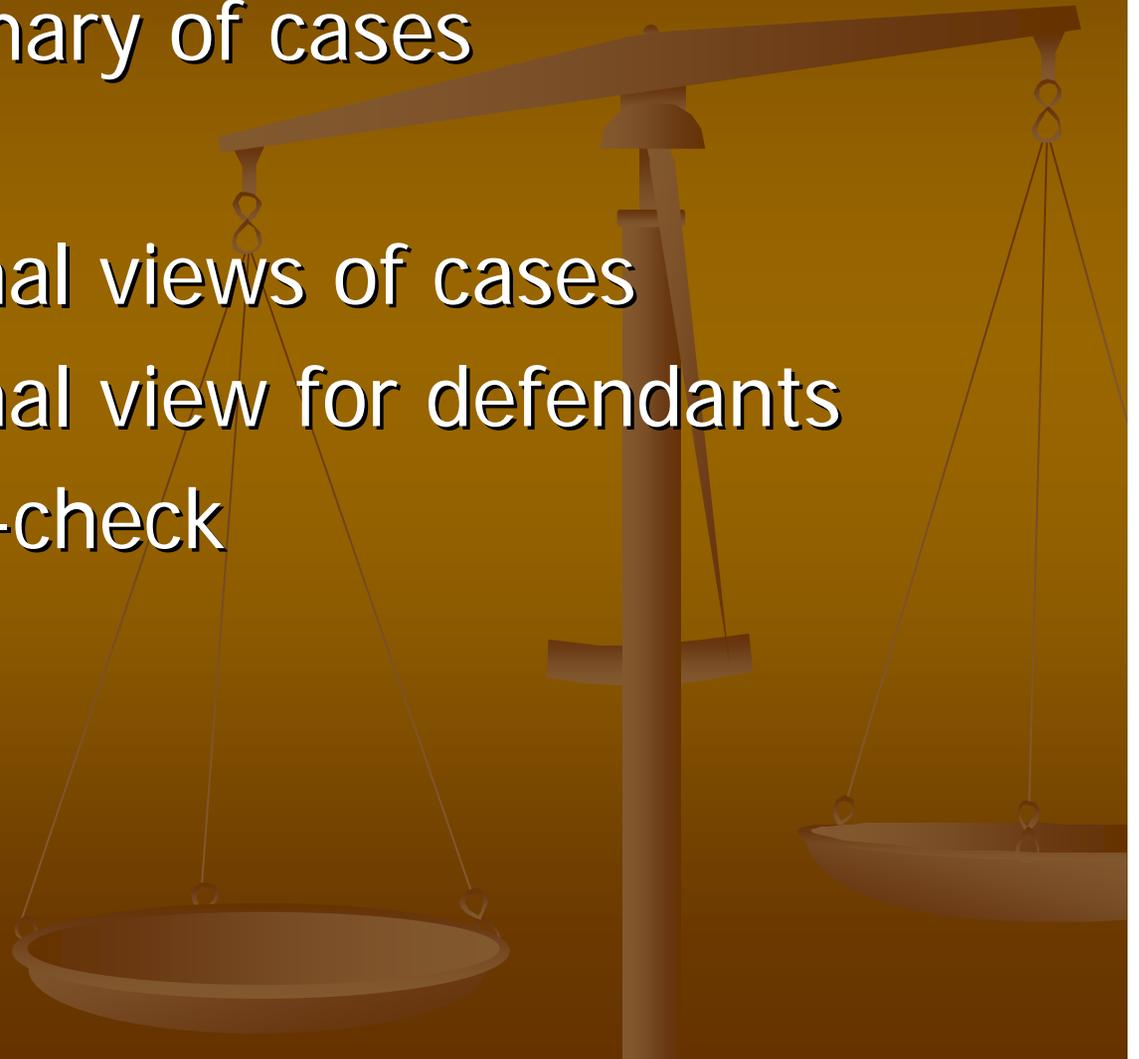
Criminal Justice Integration System

- Streamline the traffic citation exchange
- Complete the OWI project
- Contract with provider for CJIS broker and service bus
- Develop and test the first 9 exchanges
- Provide funding for year two of CJIS strategic plan



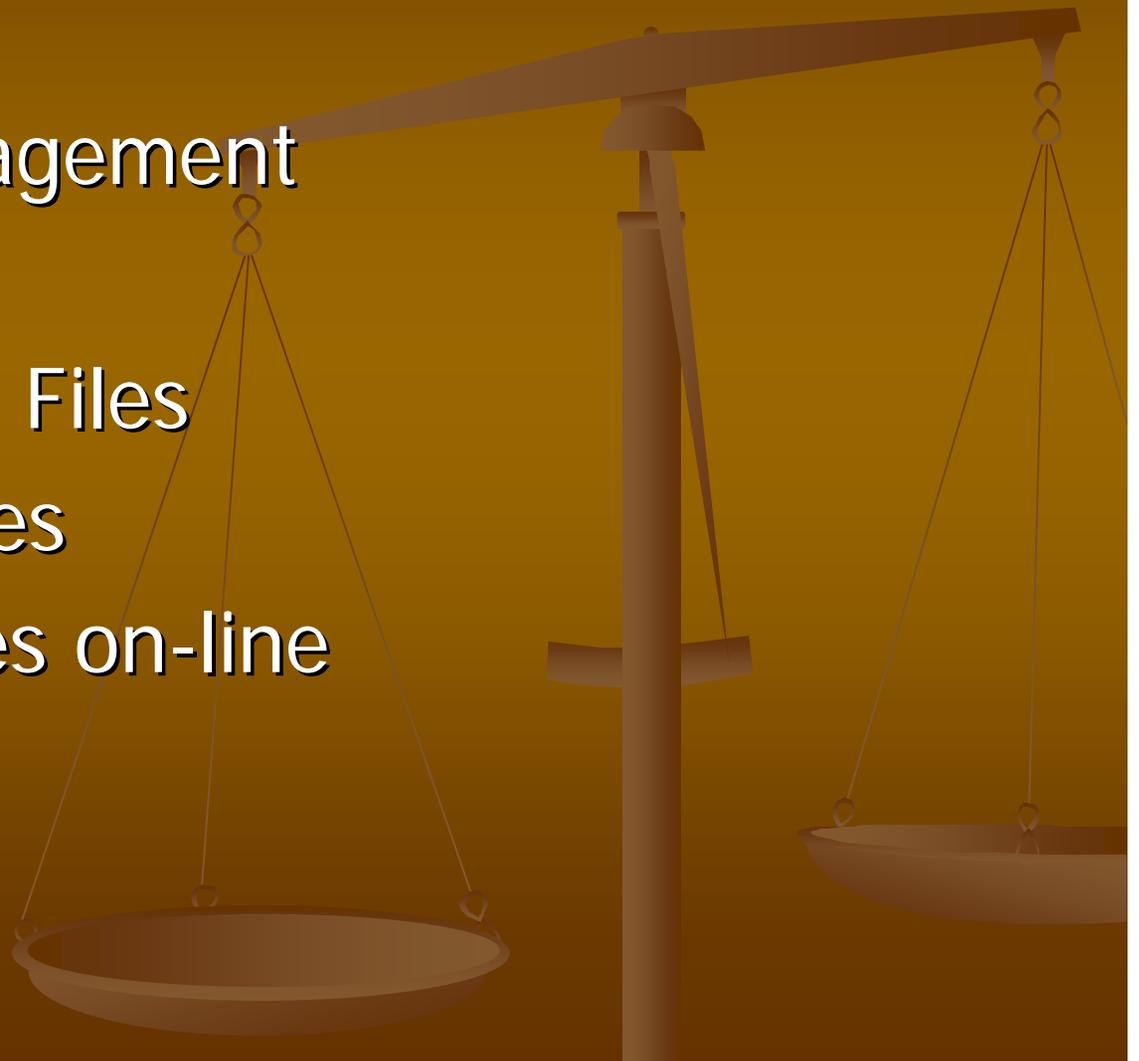
Electronic Public Access Enhancements

- Executive Summary of cases
- Local reports
- Provide additional views of cases
- Provide additional view for defendants
- Provide using E-check



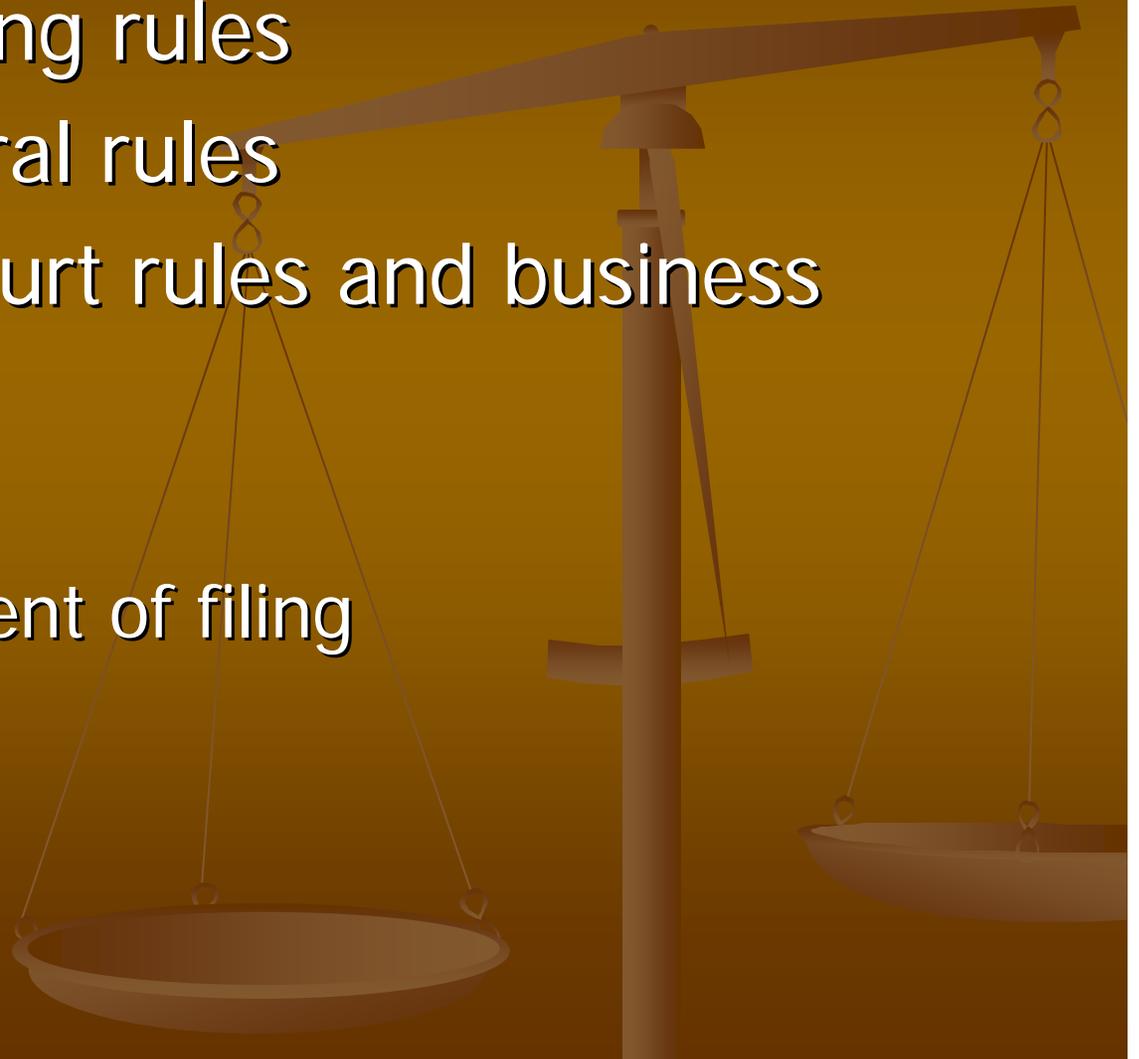
Electronic Document Management System (EDMS)

- Electronic Filing
- Document Management
- Workflow
- Electronic Court Files
- Electronic Notices
- Access court files on-line



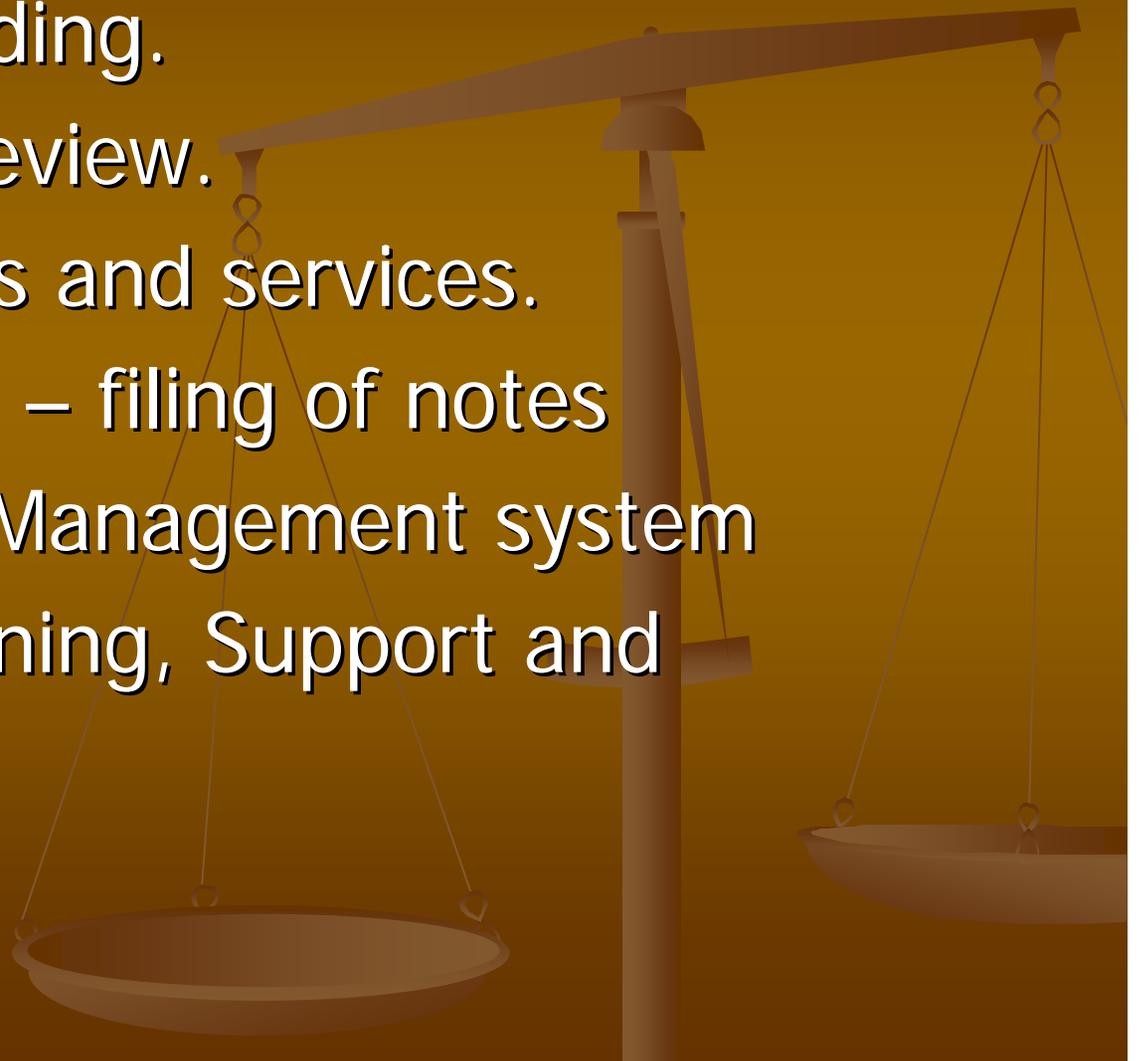
EDMS (2)

- Review of existing rules
- Review of Federal rules
- Propose new court rules and business rules
- Topics
 - Acknowledgement of filing
 - Pro Se
 - Security



EDMS (3)

- Pilot county bidding.
- Proposed rule review.
- RFP for products and services.
- Court Reporters – filing of notes
- Appellate Case Management system
- Evaluation, Training, Support and maintenance.



The End

