



# Mental Health and Substance Abuse Program Offices

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## Web-enabled Management Decision Support System

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# Presentation Topics

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- Stakeholders and Data Usage
- Data Collection and Submission
- Data Processing and Maintenance
- Data Analysis and Reporting



# Stakeholders and Data Usage

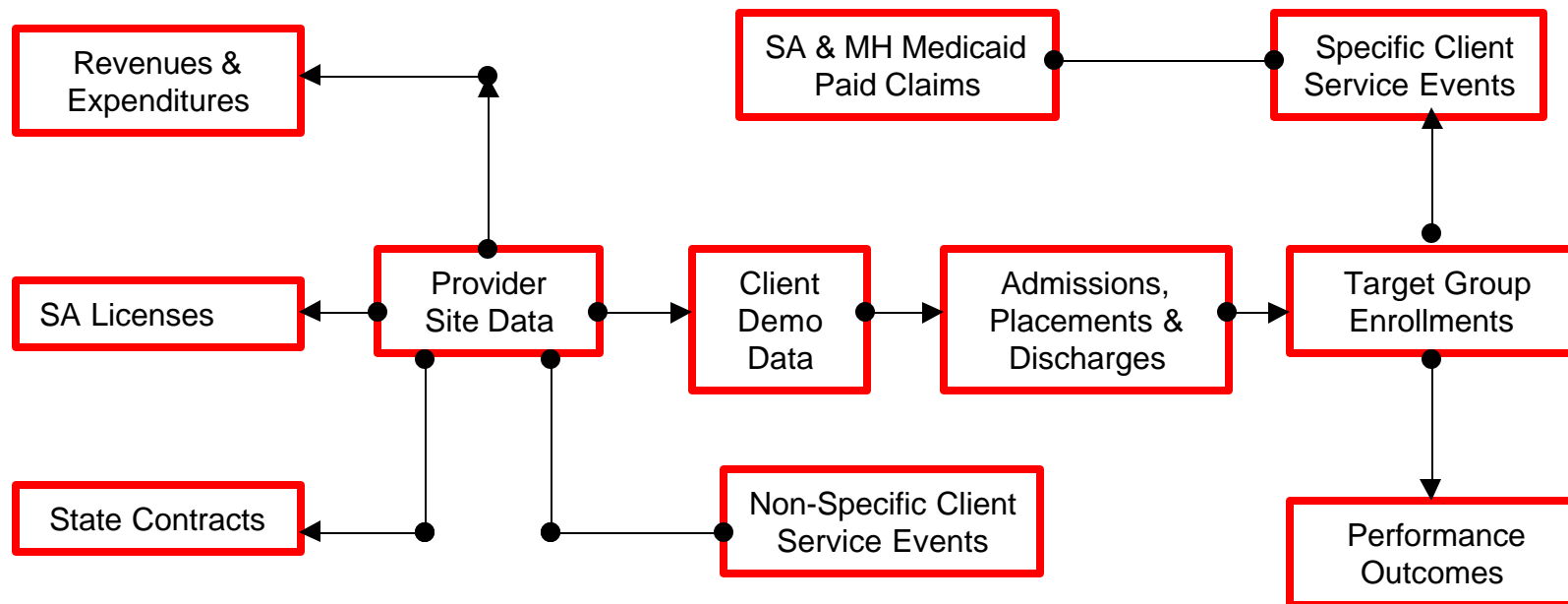
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- State Legislature
  - Performance Outcome Reports
  - Legislative Budget Requests
- Department of Children and Families
  - Needs assessment
  - State Planning
  - Contract Monitoring and Evaluation
- Federal Government
  - Block Grant Reports
  - Treatment Episode Data System
  - Uniform Reporting System
- Other Stakeholder Standard and Ad Hoc Reports

# Data Collection and Submission



## Standard Data Modules



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# Data Collection and Submission



## Data Sources and Submission Methods

<b>SOURCES</b>	<b>METHODS</b>		
	<b>WS-FTP</b>	<b>EMAIL OR DISKETTE</b>	<b>PAPER FORM</b>
State MH Institutions	<b>YES</b>	<b>NO</b>	<b>NO</b>
Contracted Community MH & SA Providers	<b>YES</b>	<b>YES</b>	<b>NO</b>
Licensed Community SA Providers	<b>NO</b>	<b>YES</b>	<b>YES</b>

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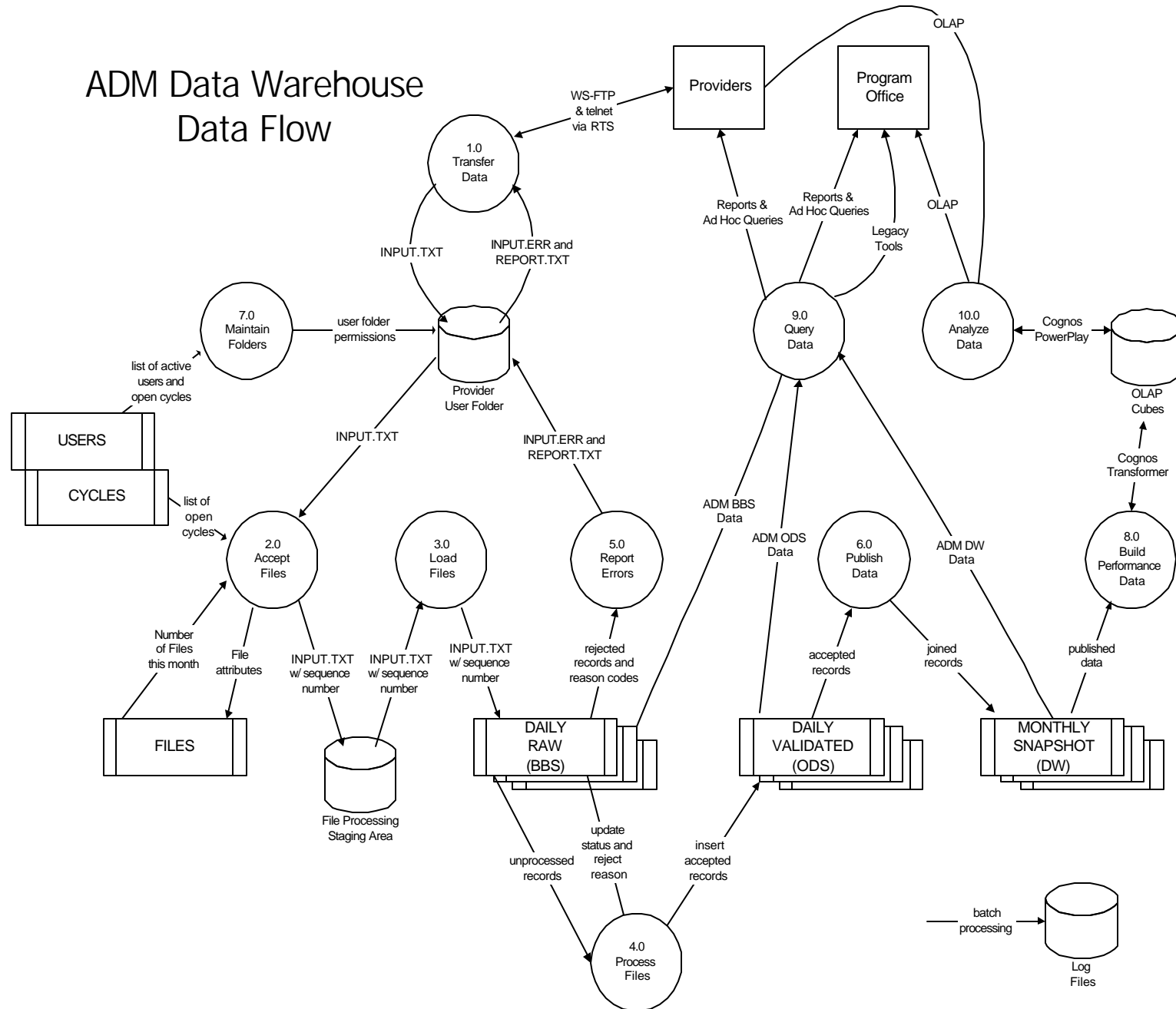
# Data Processing and Maintenance



## Data Flow

- Transfer Data
- Accept Files
- Load Files
- Process Files
- Report Errors
- Publish Data
- Maintain Folders
- Build Analysis Data
- Query Data
- Analyze Data

# ADM Data Warehouse Data Flow





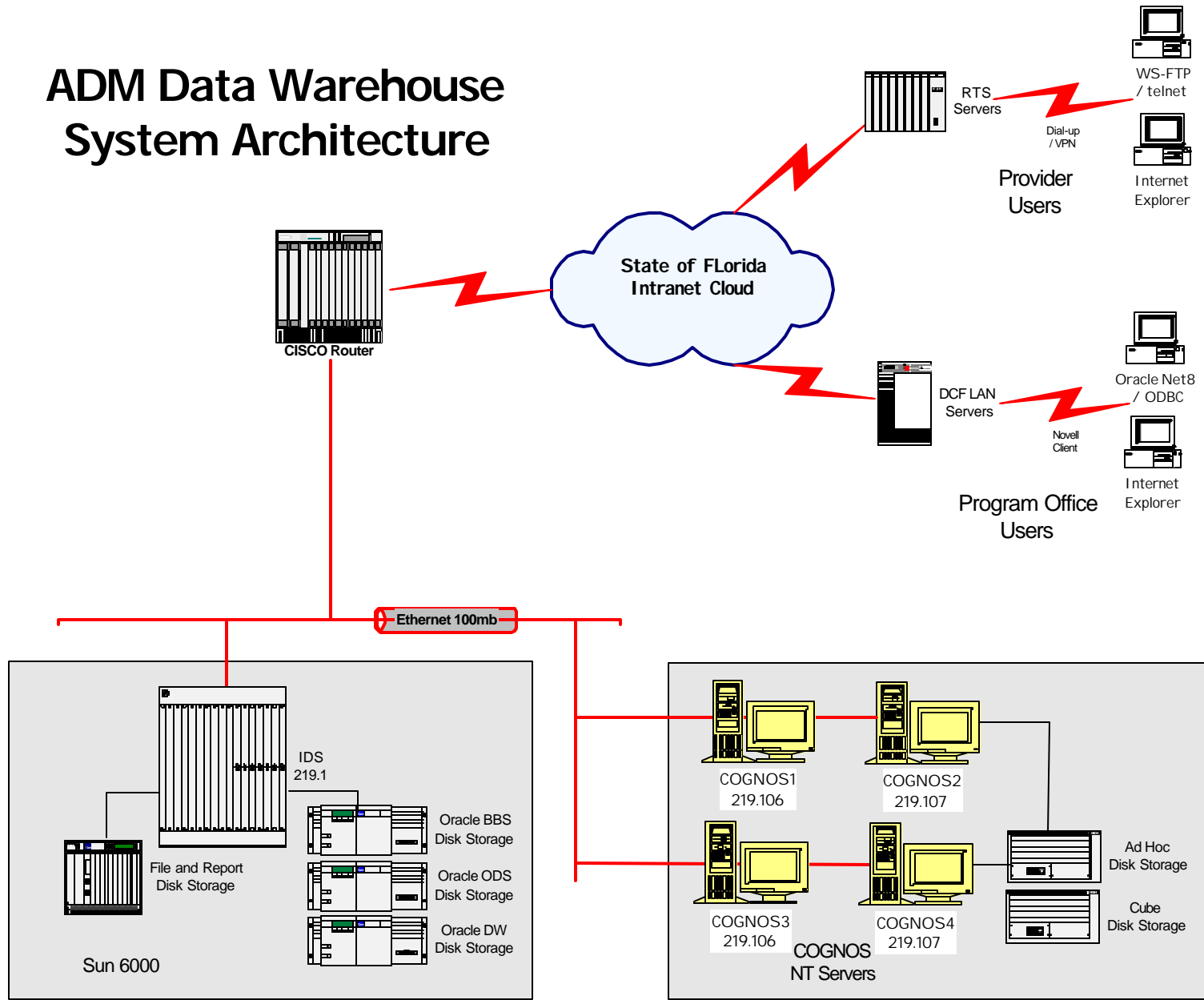
# Data Processing and Maintenance

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## System Architecture

- Operating Systems
  - Sun ES 6000
  - Windows NT/2000
- Database
  - Oracle 8i
- Business Intelligence Software
  - Cognos PowerPlay, CQ, IWR
  - SPSS, Microsoft Access and Excel

# ADM Data Warehouse System Architecture





# Data Analysis and Reporting

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- Legacy Analytical Tools
  - Examples: SPSS, Microsoft Access, Query Facility
- Standard Reporting
  - Examples: Uniform Reporting System, Performance Outcome Reports
- Online Analytical Processing
  - Examples: Client Demographic Profile, Client Turnover
- Ad Hoc Queries
  - Examples: Client Admission Details
- Dashboard Reporting
- Alerts and Notifications



# Conclusion

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- Questions and Answers
- Adjourn