



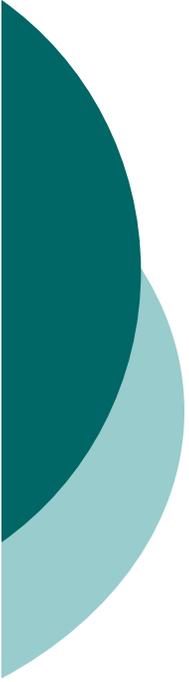
2007-2011 State of Oregon Enterprise Information Resources
Management Strategy



Progress Report

Oregon Association of Government IT Managers
January 2008

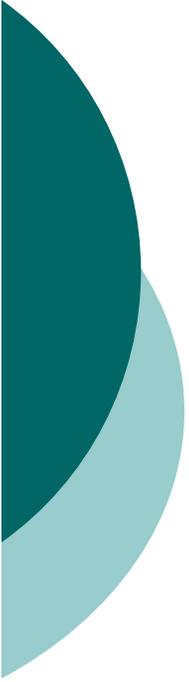
Dugan Petty
Oregon State Chief Information Officer



Enterprise IRM Strategy

Background

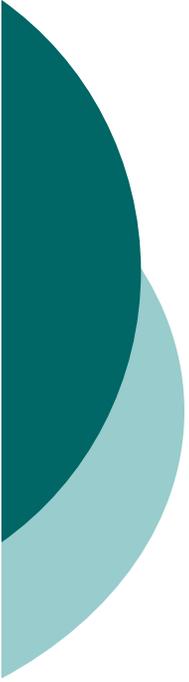
- On June 26, 2007, state executive managers and information technology (IT) leaders endorsed the Enterprise IRM Strategy.
- Four-year action horizon (July 2007-July 2011)
- Supports the accomplishment of the Governor's goals, as well as the common, strategic business objectives of state agencies
- Developed in collaboration with Chief Information Officer Council, Administrative Services Managers Group and Steering Committee.



Enterprise IRM Strategy

Goals

1. Effectively plan and execute IT projects
2. Ensure adequate management information and decision support capabilities
3. Optimize the efficiency and cost effectiveness of infrastructure and services



Enterprise IRM Strategy

Enterprise IRM Work Plan in progress

- Develop tactical action plan in partnership with the CIO Council and Administrative Business Service Directors
- Seeks to prioritize enterprise level tasks and balance with resources
- Address trends and emerging issues with adjustments
- Next update scheduled for June 2008 with subsequent updates planned every six months thereafter.



Enterprise IRM Strategy

Progress Report Highlights

Goal 1 – Effectively plan and execute IT projects

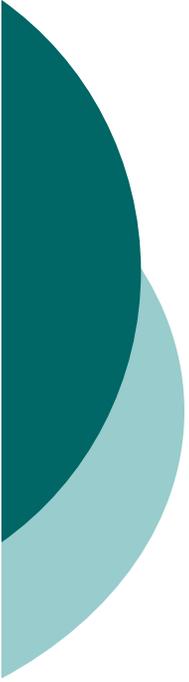
- Recruit, select, train, and retain professionals
 - Existing staff resource
 - Database of trained project management staff created (September 2007)
 - IT Staffing report (September 2007)
 - Clearinghouse for sharing IT skill sets across agencies via expedited job rotation (planned September 2008)
 - Recruitment
 - IT Human Capital Management/Workforce Planning Workshop (October 2007)
 - State Recruitment Improvement Project (SRIP) - Enhancing iMatchSkills system for statewide use (in progress 09-11)



Enterprise IRM Strategy

Progress Report Highlights

- o Recruit, select, train, and retain professionals (continued)
 - Training
 - IT training Needs Assessment (October 2006)
 - IT Training Services RFP completed - contract expected (July 2008)
 - Enterprise Learning Management System Project (in progress July 2009)
 - Project Management Certification Training (775 trained since 1998)
 - Enterprise Architecture Training TOGAF Cert. (40 trained since October 2007)
 - Business Case Development Training (160 trained since May 2007)

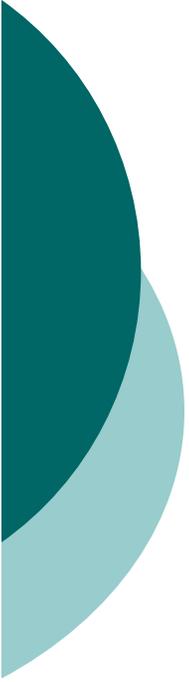


Enterprise IRM Strategy

Progress Report Highlights

Goal 1 – Effectively plan and execute IT projects

- Implement IT governance to manage and oversee the portfolio of enterprise IT projects
 - Governance
 - State Data Center Charters (CIO AB December 2007, Gov Board 1st Quarter 2008)
 - Statewide IT Governance Policy revision (1st Quarter 2008)
 - Business Value Indexing Workshop (September 2007)
 - Intel's Approach to project prioritization and selection
 - Enterprise IRM Strategy Tactical Plan V1.0 (January 2008)



Enterprise IRM Strategy

Progress Report Highlights

Goal 1 – Effectively plan and execute IT projects

- Develop enterprise business and technical architecture and standards
 - Enterprise Architecture (EA) Core Team
 - EA Framework Document completed (May 2007)
 - EA Principles Document completed (July 2007)
 - EA Conference (November 2007)
 - Annual EA Maturity Assessment (*March 2008*)
 - EA Business Reference Model (*June 2008*)



Enterprise IRM Strategy

Progress Report Highlights

- Develop enterprise business and technical architecture and standards
 - Segment Architecture and standards development
 - State Data Center Technical Architecture (High level view)
 - Charter approved (July 2007)
 - Initial Architecture Strategy/Action Plan Developed (August 2007)
 - Consolidation Architecture Migration Strategy for Distributed Systems (October 2007)
 - Governing Principles Document developed (October 2007)
 - Technical Architecture Standards Board Charter Adopted (October 2007)
- Informational Website:
http://www.das.state.or.us/DAS/SDC/initiatives/arch_index.shtml



Enterprise IRM Strategy

Progress Report Highlights

- Segment Architecture and standards development (continued)
- Geographic Information Systems (GIS)
 - OAR Public hearing held for Enterprise GIS Software Standard (September 2007)
 - Evaluating comments and determining next steps (February – March 2008)
 - Oregon GIS Data Standards (over 20 standards as of September 2007)

– Informational Website:

<http://www.oregon.gov/DAS/EISPD/GEO/standards/standards.shtml>

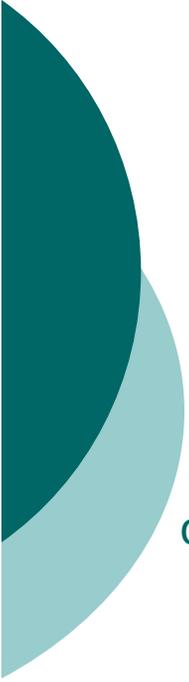


Enterprise IRM Strategy

Progress Report Highlights

Goal 1 – Effectively plan and execute IT projects

- Adopt policies procedures and guidelines to plan, acquire, implement and manage portfolio
 - Statewide IT Investment Review and Approval Policy (IRR) (March 2008)
 - IT Project Management Policy (3rd/4th Quarter 2008)
 - Prescribe key project initiation activities
 - Address major IT project review findings



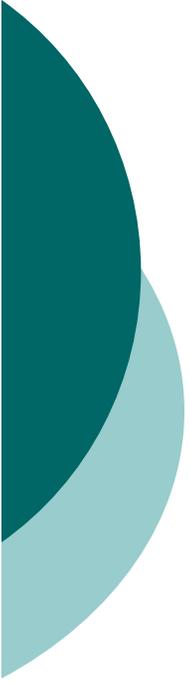
Enterprise IRM Strategy

Progress Report Highlights

Goal 1 – Effectively plan and execute IT projects

- o Adopt policies procedures and guidelines to plan, acquire, implement and manage portfolio
 - Quality Assurance - Major IT Project Status Reports
 - Statewide Price Agreement for QA Services
 - SOW & Rpt templates (Aug. 2007)
 - RFP in development, contract (3rd quarter 2008)
 - Technology Strategy Development & QA Reviews Policy Revision (June 2008)
 - Informational Website:

http://www.das.state.or.us/DAS/EISPD/ITIP/IT_Investment_Oversight.shtml



Enterprise IRM Strategy

Progress Report Highlights

Goal 1 - Effectively plan and execute IT projects

- Integrate enterprise IT planning within the biennial budgeting process
 - Business Case Development
 - Partnered with the Public Management Association to train over 160 people trained (since May 2007). Additional 120 will be trained (March and May 2008)
 - Templates, Instructions, and Guidelines (1st Qtr. 2008)
 - On-line Business Case Development Repository
 - Website (February 2008)
 - Library of business case development best practices
 - To be maintained as an evolving resource over time

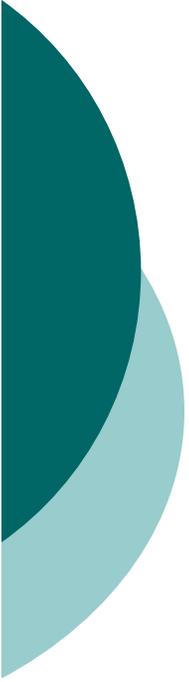


Enterprise IRM Strategy

Progress Report Highlights

Goal 1 - Effectively plan and execute IT projects

- Integrate enterprise IT planning within the biennial budgeting process
 - Business Case Development training and guidelines linked to budget development timelines (1st Quarter 2008)
 - Focus: 09-11 IT projects proposed as part of biennial budgeting process
 - IT Budget instructions will require business case for IT projects over \$1m. (January 2008)
 - State Data Center Technical Architecture Solutions Review to sync proposed agency projects with SDC budget development and capacity planning



Enterprise IRM Strategy

Progress Report Highlights

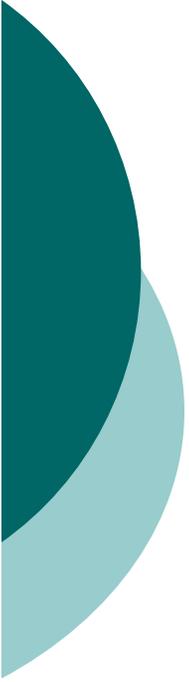
Goal 2 – Ensure adequate management information and decision support

- Develop and improve access to geospatial information
 - Oregon Imagery Explorer portal – OSU partnership (October 2007)
 - Base Data Maintenance/Management Process (March 2008)
 - navigatOR Data Development and Shared Services. Geocoder Service Deployment – locating addresses (September 2007)
 - Updating Geospatial office strategic plan (March 2008)
 - Data Sharing Partnerships w/Local Governments (in progress)

- Informational Websites:

<http://oregonexplorer.info/imagery/>

<http://www.oregon.gov/DAS/EISPD/GEO>

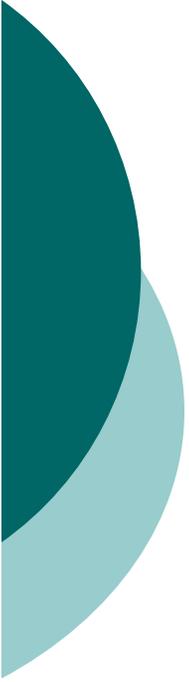


Enterprise IRM Strategy

Progress Report Highlights

Goal 2 – Ensure adequate management information and decision support

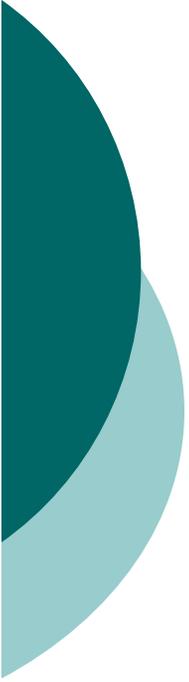
- Deploy statewide administrative information systems that meet agency business requirements
 - Joint ERP Project ODOT/DAS
 - Charter adopted (September 2007)
 - Communications Plan (December 2007)
 - Joint Program Office (September 2007)
 - Pre-implementation services contract RFP (October 2007 in negotiation)
 - 18 month delay (January 2008)



Enterprise IRM Strategy

Progress Report Highlights

- ERP Projects (continued)
 - DAS Human Resources Information System
 - Project team formed; Requirements gathering, business case and implementation strategy to be completed in 2007-2009
 - ERP project team training and Executive Leadership workshop (January 2008)

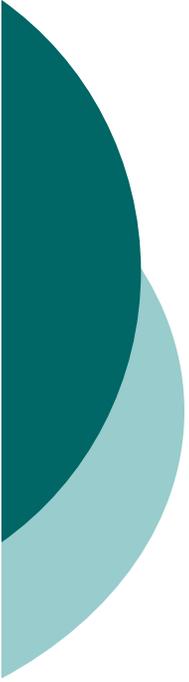


Enterprise IRM Strategy

Progress Report Highlights

Goal 2 – Ensure adequate management information and decision support

- Enable system integration and data sharing across agency and jurisdictional boundaries
 - Electronic Records Management System (ERMS) Community of Practice (April 2007)
 - Glossary of common terms (July 2007)
 - Research common business needs, best practices, benchmark (August 2007)
 - ERMS (DOD 5015.2) System Standards (August 2007)



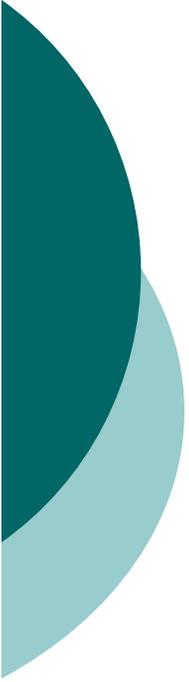
Enterprise IRM Strategy

Progress Report Highlights

- o ERMS Community of Practice (continued)
 - Guidelines for ERMS System Planning and Acquisition
(December 2007)
 - Sample statement of work and systems requirements document (December 2007)
 - Final Report long term recommendations
(December 2007)
 - Developing ERMS State Price Agreement (RFP in development)

 - Informational website:

http://www.das.state.or.us/DAS/EISPD/ITIP/Comm_of_Practice_ERM.shtml

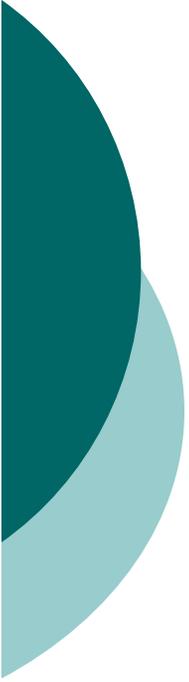


Enterprise IRM Strategy

Progress Report Highlights

Goal 2 – Ensure adequate management information and decision support

- Acquisition of IT services, hardware, software and Open Source
 - IT Contracting Study - Cost comparison state staff vs. Contractor (August 2007)
 - Managed Service Provider task group recommend improve process and use of Managed Service Provider Contracts to State Procurement Office (December 2007)
 - Desk top standards team meeting with suppliers and industry (in progress)



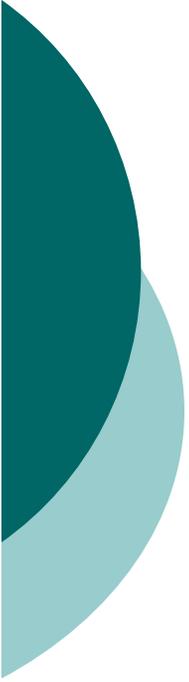
Enterprise IRM Strategy

Progress Report Highlights

- o Acquisition of IT services, hardware, software and Open Source (continued)
 - Open Source Software (OSS) Community of Practice
 - Completed work (December 2007)
 - Inventory of existing use of OSS across state government
 - Desktop Evaluation Methodology for OSS/proprietary software
 - Comprehensive Report/recommendations concerning OSS acquisition, procurement, use, distribution and licensing

– Informational website:

http://www.das.state.or.us/DAS/EISPD/ITIP/Comm_of_Practice_OSS.shtml



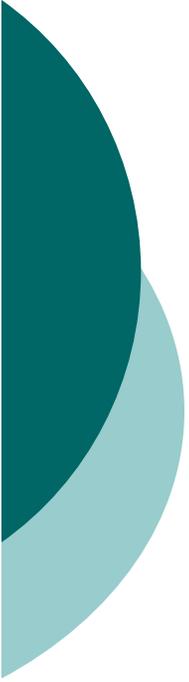
Enterprise IRM Strategy

Progress Report Highlights

Goal 3 – Optimize the efficiency and cost effectiveness of infrastructure and services

- State Interoperability Executive Council
 - Established under Executive Order 02-17 (September 2002)
 - Established under law via HB2101 (2005 Legislature)

- Statewide Public Safety Wireless Network
 - Oregon Wireless Interoperability Network (OWIN)
 - Conceptual Design and Engineering Study (January 2007)
 - State Public Safety Wireless Interoperability Plan (December 2007)
 - Under review by Federal DHS – Safecom Program (February 2008)



Enterprise IRM Strategy

Progress Report Highlights

- Statewide Public Safety Wireless Network (continued)
 - OWIN funding, governance model and tower citing authority
 - Under legislative review (February 2008)
 - Consolidation of state agency public safety wireless programs (in process)
 - OWIN request for proposal
 - Scheduled for completion July 2008 – (pending legislative approval)

- Informational Websites:
 - <http://www.oregon.gov/SIEC/>
 - http://www.oregon.gov/OSP/OWIN/about_us.shtml



Enterprise IRM Strategy

Progress Report Highlights

Goal 3 – Optimize the efficiency and cost effectiveness of infrastructure and services

- Secure and protect the confidentiality, integrity, and availability of state information resources
 - Comprehensive information security policies
 - Information Security
 - Information Asset Classification – Community of Practice
 - Controlling Portable Storage Devices
 - Employee Security
 - Acceptable Use
 - Transporting Information Assets
 - Incident Reporting (in progress)

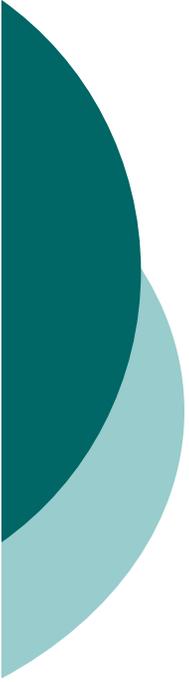


Enterprise IRM Strategy

Progress Report Highlights

Goal 3 – Optimize the efficiency and cost effectiveness of infrastructure and services

- Secure and protect the confidentiality, integrity, and availability of state information resources
 - Identity & Access Management (I&AM)
 - Implemented infrastructure (May 2007)
 - Integrated applications & directories for several state agencies
 - Attempting to move from project to program (POP pending)



Enterprise IRM Strategy

Progress Report Highlights

- Secure and protect the confidentiality, integrity, and availability of state information resources (continued)
 - Digital Certificates
 - Established Certificate Policy Management Board (August 2007)
 - Completed Certificate Policy and Certificate Practice Statement (November 2007)
 - Began operations for pilot with Treasury (December 2007)



Enterprise IRM Strategy

Progress Report Highlights

Goal 3 – Optimize the efficiency and cost effectiveness of infrastructure and services

- Secure and protect the confidentiality, integrity, and availability of state information resources
 - Security Awareness/Training
 - Launched public facing website (October 2007)
 - Completed content for web-based training modules (October 2007)
 - Co-sponsored discounted SANS training with OUS & Counties (March 2007)
 - Statewide Business Risk Assessment (November 2007)
 - Developing Strategic Security Plan (*Planned April 2008*)
 - Security Architecture (*Planned June 2008*)



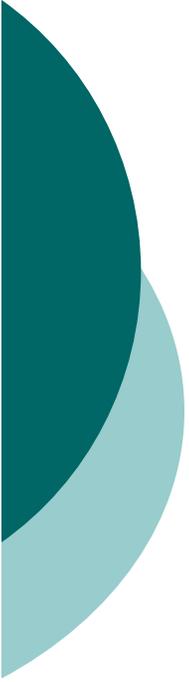
Enterprise IRM Strategy

Progress Report Highlights

Goal 3 – Optimize the efficiency and cost effectiveness of infrastructure and services

- Ensure continuity of state government operations
 - Provided training courses, academy, and guidance documents (December 2006 – June 2007)
 - Developed BCP and Disaster Recovery Testing Manual (September 2007)
 - Implemented eBRP Toolkit for collecting and organizing BCP/DR information (December 2007)
 - Developing RFP for further training (in progress)
 - Developing agency BCP/DR templates (planned February 2008)
 - Informational Website:

<http://www.das.state.or.us/DAS/EISPD/BCP/activities/index.shtml>



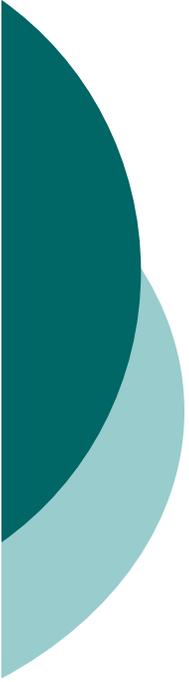
Enterprise IRM Strategy

Progress Report Highlights

Goal 3 – Optimize the efficiency and cost effectiveness of infrastructure and services

- Provide cost effective reliable on-line services
 - E-Permitting System (DCBS) – (Phase 1 in progress)
 - E-gov
 - Processed 320,000 commerce transactions valued at \$38 million - almost 1,000/day (39% transaction and 57% dollar increase over 2006)
 - Processed more than 120,000 publishing transactions for 83 agencies, managing 235,000 pages (38% current annual increase)
 - Added unit priced Adobe e-forms service (Forms Factory) (February 2007)

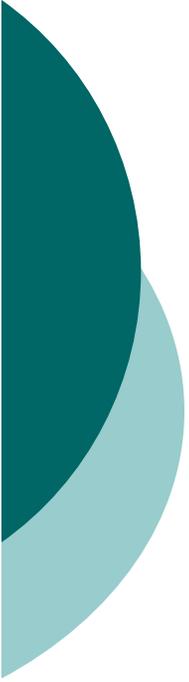
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Enterprise IRM Strategy

Progress Report Highlights

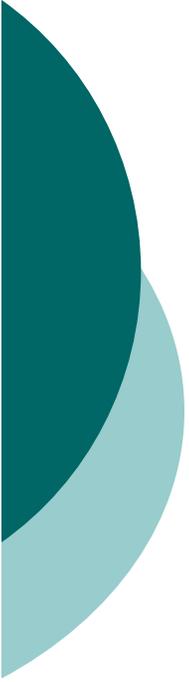
- E-gov (continued)
 - Project prioritization process (March 2007)
 - New publishing tools to enable dynamic content, live editing and drag/drop publishing (September 2007)
 - Agency readiness processes (January 2008)
 - Developing statewide e-government strategy (in progress)
 - Collaboration tools pilot (in progress)



Enterprise IRM Strategy

Progress Report

- Major IT Projects Completed in 2007
 - DAS – Computing and Networking Infrastructure Consolidation
 - Agriculture - Pesticide Use Reporting System
 - Education – KIDS II Integrated Data System
 - Pre-Kindergarten through Grade 16
 - DEQ - ACSIS/ICE Application Re-engineering
 - Air Contaminant Source Information System (AC SIS) and integrated Compliance and Enforcement module (ICE)
 - ODFW Point of Sale Replacement Project
 - DHS - Electronic Death Registration System (EDRS)
 - OSP - Oregon Wireless Interoperability Network (OWIN)
 - Phase I – Design and Engineering
 - ODOT - Right of Way Data Management System
 - ODOT - Regional Trip Planner - Release 1.0



Enterprise IRM Strategy

Questions and Answers