



Oregon Department of Corrections

IT Policy Option Packages: Electronic Health Records (EHR) Inmate Thin Client Network

June 9, 2015



DOC EHR Project

- An EHR system is critical to the administration of healthcare in the Oregon prison system.
- DOC's healthcare system includes medical care, dental care, behavioral health services, and pharmacy services.
- 70% of new intakes are first time inmates who require manual assembly of a new health record.





DOC Current State

- Health Services Division
 - \$240M GF budget
 - 544 FTE
 - Services
 - Medical
 - Mental Health
 - Dental
 - Pharmacy
 - Offsite care
 - <1% of our encounters
 - +20% of our cost
- 40,000+ records stored centrally
- 14,600 patients
- 400-500 intakes and releases per month
- 90,000 medical encounters per month
- 50 years of age and older
 - Oregon #1 in the nation
- Over 90% will release
- Some recidivate



Business Case for EHR

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DOC and the Continuum of Public Health

Paper System is Inefficient

Reporting Capability for Resource Decisions

Leverage Telemedicine

Reduced Tort Risk



Steps Taken To-Date

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- Groundwork
 - ▣ Canvassed staff for organizational readiness and business analysis of present and future workflows (as-is and to-be)
 - ▣ SB 843 Workgroup
- Hired a consulting firm to assist with development of a Business Case and Information Resource Request (base budget funds)
- Created a multi-disciplinary team to work on business analysis activities and professional services contracts process
- Engaged the Office of the State CIO for Stage Gate clarity



DOC Policy Option Package #101

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- ❑ Software as a Service (SaaS)
- ❑ Professional Services contracts required:
 - ❑ Professional Project Management
 - ❑ Business Analyst
 - ❑ Professional External Quality Assurance



Funding Philosophy (+/-50%)

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- 2015-17 Biennium:
 - \$3.2M General Fund
 - \$750K through February 2016
 - Initial Professional Services contracts (PSC)
 - Project Management
 - Business Analyst
 - Quality Assurance
 - Health Services PSC team to create RFPs and select contractors
 - \$2.3M through remainder of 2015-17
 - Continued Professional Services contracts
 - Create EHR implementation project team and provision for formal backfills
 - Detailed project plan to include organizational readiness
 - RFP preparation to include DOJ review



Funding Philosophy Cont. (+/-50%)

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- 2017-19 Biennium:
 - \$2.2M General Fund
 - Software as a Service subscription
 - Implementation of EHR as a vendor service
 - Continue Stage Gate process, including detailed project deliverables
 - Continuing Professional Services contracts
 - Project Management
 - Business Analyst
 - Quality Assurance



Summary

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- An EHR system is critical to the administration of healthcare in the Oregon prison system.
- Business Case and Information Resource Request (IRR) submitted to DAS.
- Stage Gate process is being followed.
- Now drafting Professional Services contracts, beginning with primary Project Management and Business Analysis services.



Inmate Network Purpose

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- ❑ DOC currently operates an inmate thin-client network to provide statutorily-mandated educational and law library services.
- ❑ This is a closed network excluded from Enterprise Technology Services – it is not part of the State of Oregon computing infrastructure and is not tied to DOC business services.



Inmate Network – Current State

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- ❑ The network was created in 2004 and consists of 21 servers and 600 thin-client computers.
- ❑ DOC does not have the funds to replace or repair hardware, which is presently at point of failure.
- ❑ Replacement parts are almost non-existent.
- ❑ Business software updates and patches do not run on the existing hardware and operating system.



Steps Taken To-Date

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- ❑ Inventoried existing hardware
- ❑ In the process of conducting internal review of Business Case and IRR
- ❑ In the process of reviewing and making necessary adjustments to the network design
- ❑ Submitted POP #105



DOC Policy Option Package #105

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- This policy option package is asking for funding for an in-place, full lifecycle replacement.
- The lifecycle replacement will be performed by existing DOC FTE as part of standard support responsibilities.



Funding Philosophy

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- 2015-17 Biennium: \$623K Other Funds
 - Estimated lifecycle replacement cost via bulk purchases through approved DAS computing price agreements.



Summary

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- The inmate thin-client network is a mission-critical service, providing education and law library access to adults in custody.
- A full-functioning network is vital to the agency's obligation to meet constitutional mandates.
- Awaiting POP funding to start lifecycle replacement.



Questions?