



PTC Global **Services**

State of North Dakota Legislative Branch
Phase II Implementation Discussion
Legislative Applications Replacement Project
October 3rd, 2006

Agenda

- **Phase II Implementation**
 - Budget
 - Project Plan
 - Cost Benefit Analysis and ROI
 - **Key Benefits**
 - **Cost Savings**
 - **ROI (Return On Investment)**
- **Phase II Catalyst Initiative**
 - Purpose
 - Timeframe and Costs
- **In Summary**
- **Q & A**
- **Proof of Concept Demo (High Level)**

Phase II Budget

Proposed Budget Summary

• Non - PTC Hardware, Software, License, Maintenance	\$76,784
• PTC Software, Applications, Licenses, Maintenance	\$475,929
• PTC Professional Services	\$3,073,205
• Third Party Consulting	\$524,200
• PTC Training	\$37,125
• Estimated Travel and Expenses	<u>\$460,981</u>

TOTAL PROPOSED BUDGET	\$4,648,224
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Phase II Project Plan (10/16/06 through 09/01/08)

- Stage 0 Project Initiation (Phase II Catalyst Initiative)
 - Deploy CMS and Phase I Components
 - Conference Committee Module
 - Business Rules Validation
- Stage I Foundation
 - Departmental Portal
 - Budget Database
- Stage II Data Creation
 - Compound Document Management System (CDMS)
 - Arbortext Publishing Engine
 - Lotus Notes and Other Collaboration Applications
 - Voice Recording and Transcription Interface

Phase II Project Plan (continued)

- Stage III – Integration
 - Budget Status System
 - Mainframe Data Migration
 - Integrate Administrative Code
 - Lotus Document Management System Data Migration
 - Desktop Standard Image

- Stage IV – Approval and Tracking
 - Voting System Interface
 - Voice Message System
 - Bill Tracking
 - Monitor System

Phase II Cost Benefit Analysis and ROI / Key Benefits

- **Project Benefits**

- Enhanced service to key NDLC stakeholders
- Increased operational efficiency
- Reduced costs
 - **Enable migration from the mainframe application**
- Reduced risk

- **The use of XML technologies will:**

- Allow a single, fully integrated heterogeneous environment
- Facilitate the migration in a safe and secure manner
- Support the stated business requirements

Phase II Cost Benefit Analysis and ROI / Cost Savings

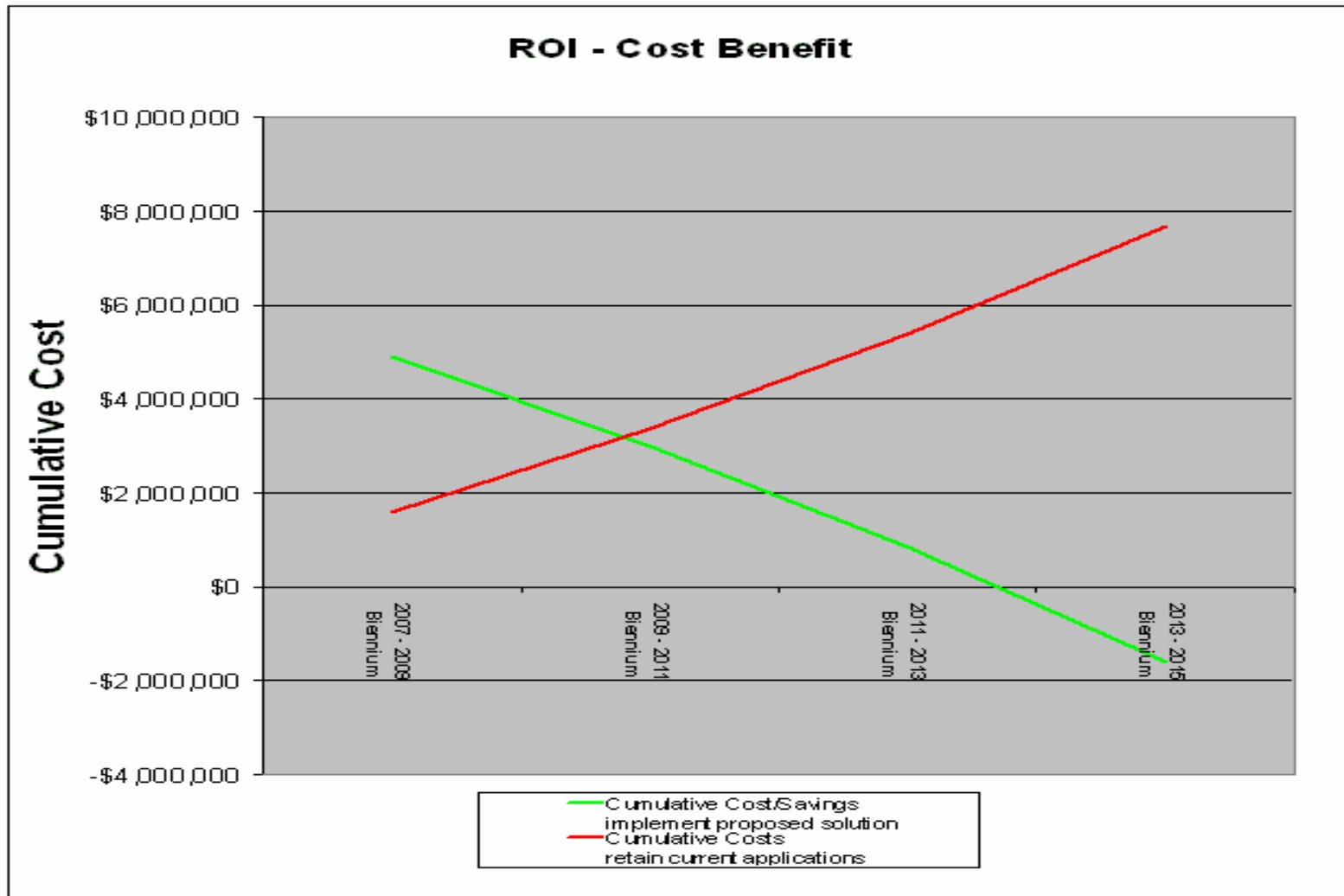
Projected Savings associated with replacing the Current Legislative Applications			
Cost Component	2007 - 2009 Biennium	2009 - 2011 Biennium	2011 - 2013 Biennium
Hardware Replacement	\$0	\$20,000	\$20,000
Software Manitenance	\$0	\$20,000	\$25,000
Application Support - ITD and contractors	\$575,000	\$1,350,000	\$1,552,500
ITD Hosting Costs	\$200,000	\$400,000	\$400,000
Total Biennium Cost	\$775,000	\$1,790,000	\$1,997,500
Savings SubTotals (expenditures not incurred)	\$775,000	\$2,565,000	\$4,562,500

Phase II Cost Benefit Analysis and ROI / Return On Investment

Projected Costs vs. Savings associated with *Retaining vs. Replacing* the current legislative applications

Utilized System	2007 - 2009 Biennium	2009 - 2011 Biennium	2011 - 2013 Biennium	2013 - 2015 Biennium
Current Applications - Costs/Saving	\$1,057,500	-\$1,790,000	-\$1,997,500	-\$2,297,125
Proposed Solution - Costs	\$4,648,224	-\$123,981	-\$154,976	-\$154,976
Cumulative - Expenditures	\$5,705,724	-\$1,913,981	-\$2,152,476	-\$2,452,101
Cumulative Cost/Savings implement proposed solution	\$5,705,724	\$3,791,743	\$1,639,267	-\$812,834
Cumulative Costs retain current applications	\$1,600,000	\$3,390,000	\$5,387,500	\$7,684,625

Phase II Cost Benefit Analysis & ROI / Return On Investment



Phase II Catalyst Initiative

Purpose

- Re-use (Foundation Layer leverages Phase I components)
- Recapture lost functionality (Conference Committee System)
- Mitigate risk (Business Processes Validation)
- Forward momentum

Timeframe and Costs (Total of \$737,397)

- Foundation Layer, 113 days (est.), \$316,462
- Conference Committee System, 16 days (est.) \$49,680
- Business Processes Validation, 74 days (est.), \$131,321
- Training, \$17,100
- Travel, \$74,619 (est.)
- NDLC Costs for Hw/Sw, 3rd Party Consulting \$148,215

In Summary

Phase II should start as soon as possible

- Two year time horizon presses against '09 Biennium
- Maximize ROI sooner
- Mitigate organizational risk

PTC is ready to move forward with NDLC

- Would prefer to start broader Phase II Implementation effort now
- Will commence with Phase II Catalyst Initiative, if NDLC constraints deem necessary
- Request NDLC authorization to move forward

Closing Slide

- **Q & A**
- **Action Items / Next Steps**
- **Proof of Concept Demo (High Level)**
- **Close**