

**Oakland County
Department of Information Technology
Project Scope and Approach**

Project Name: Implement SSO for CLEMIS Applications

Project ID: DF3183OK

Perform security scans and resolve issues.
Document and communicate to end users the authentication changes.
Update DR Toolkits, application documentation and Knowledge Documents.

Research & Analysis

IT Research & Advisory Services Recommendation (select one)

- Research not Required

Benefits

See Return on Investment (ROI) Analysis Document

Impact

Number of Users 12,000

Divisions CLEMIS, Sheriff's Office

Leadership Groups CLEMIS

Risk

Business Environment Low – little or no impact to the existing business processes

Technical Environment Low – proven and previously implemented technologies.

Assumptions

Staffing IT Staffing: resources will be available for the hours indicated per the attached project plan.

Other Staffing: additional staffing will be available as follows:

<u>Role:</u>	<u>Name</u>	<u>Hours per Day</u>
Project Sponsor:	Jim Manning	As needed

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Facilities

-
-

Technical

-
-

Funding

- CLEMIS FUND

Other

-

Priority

Constraints

-
-

Exclusions

-
-

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PROJECT PHASE AUTHORIZATION

Phase(s): All	
Total Estimated Application Services	Hours:
Total Estimated Technical Systems	Hours: 253
Total Estimated CLEMIS	Hours: 643
Total Estimated Internal Services	Hours:
IT Application Services Division Manager Approval:	Date:
IT Technical Systems Division Manager Approval:	Date:
IT CLEMIS Division Manager Approval:	Date:
IT Internal Services Division Manager Approval:	Date:
IT Management Approval:	
Approved: Yes No	Date:
Reason:	
Project Sponsor Approval:	
Title:	Date:

PROJECT SUMMARY

Authorized Development (see above)	Hours: 896
Previously Authorized Development	Hours:
Preliminary Estimated Development for Future Phases	Hours:
Grand Total Estimated Development	Hours: 896 Cost: \$147,840

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PROJECT COMPLETION AUTHORIZATION

Customer Acceptance of Product:	
Title:	Date:
Project Office Review:	Date:

Implement SSO for CLEMIS Applications - Size Estimate (+/- 10% to 50%)					
	Type	ID	Task Name	Estimated Hours	Estimate Notes
1	Phase	000000	▣ PROJECT MANAGEMENT	203	
2	Phase	100000	▣ DEFINE BUSINESS REQUIREMENTS	134	
3	Phase	300000	▣ DESIGN SYSTEM ARCHITECTURE	167	
4	Phase	500000	▣ DEVELOP APPLICATION	201	
5	Phase	600000	▣ IMPLEMENTATION PHASE	124	
6	Phase	800000	▣ POST IMPLEMENTATION SUPPORT	67	
7					
1				896	

Oakland County -- Implement SSO for CLEMIS Applications

Return on Investment Analysis

Project Summary

Description	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Total
Benefits/Savings:							
Tangible Benefits Subtotal:	0	0	0	0	0	0	0
Cost Avoidance Subtotal:	0	0	0	0	0	0	0
Costs:							
Development Services Subtotal:	147,840	0	0	0	0	0	147,840
Hardware Subtotal:	0	0	0	0	0	0	0
Software Subtotal:	122,580	126,257	130,045	133,946	137,965	142,104	792,898
Infrastructure Subtotal:	0	0	0	0	0	0	0
Training Subtotal:	0	0	0	0	0	0	0
Other Subtotal:	0	0	0	0	0	0	0
Annual Statistics:							
Annual Total Savings	0	0	0	0	0	0	0
Annual Total Costs	270,420	126,257	130,045	133,946	137,965	142,104	940,738
Annual Return on Investment	(270,420)	(126,257)	(130,045)	(133,946)	(137,965)	(142,104)	(940,738)
Annual Costs/Savings Ratio	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Project Cumulative Statistics:							
Cumulative Total Savings	0	0	0	0	0	0	0
Cumulative Total Costs	270,420	396,677	526,723	660,669	798,634	940,738	940,738
Cumulative Return on Investment	(270,420)	(396,677)	(526,723)	(660,669)	(798,634)	(940,738)	(940,738)
Cumulative Cost/Savings Ratio	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Year Positive Payback Achieved							NO PAYBACK
State or Federal Mandate?							
Signatures:							
Benefits Reviewed By Project Sponsor	_____			Date:	_____		
Costs (including IT Resources) Reviewed By Information Technology Project Manager	_____			Date:	_____		

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Savings Summary

Benefit/Savings Description	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Total
Tangible Benefit:							
<i>Tangible Benefits Subtotal:</i>							
Cost Avoidance:							
<i>Cost Avoidance Subtotal:</i>							
Intangible Benefit:							
To implement Okta authentication across the Clear applications so that application authentication is compliant with Oakland County IT Standards.							
Greatly reduce the number of password resets being done by CLEMIS staff							
Savings Total:							

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Return on Investment Analysis

Cost Detail

Cost Description	Project Cost Category	Budget Category/Funding Source	Unit Desc	Units	Rate per Unit	Total Cost	Annual Multiplier	Affects Project ROI?						
								Y1	Y2	Y3	Y4	Y5	Y6	
IT Hours - New Development	Development Svcs			896	165	147,840	1.000	x						
IT Hours - System Maintenance	Development Svcs				165	0								
IT Hours - Customer Support	Development Svcs				165	0								
IT Hours - Planned Maintenance	Development Svcs				165	0								
User Hours - New Development	Development Svcs					0								
User Hours - PTNE/OT	Development Svcs					0								
Contractor Professional Services	Development Svcs					0								

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Cost Detail

Cost Description	Project Cost Category	Potential Cost Extensions					
		Y1	Y2	Y3	Y4	Y5	Y6
IT Hours - New Development	Development Svcs	147,840.00					
IT Hours - System Maintenance	Development Svcs						
IT Hours - Customer Support	Development Svcs						
IT Hours - Planned Maintenance	Development Svcs						
User Hours - New Development	Development Svcs						
User Hours - PTNE/OT	Development Svcs						
Contractor Professional Services	Development Svcs						

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Cost Summary

Cost Description	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Total
Development Services:							
IT Hours - New Development	147,840						147,840
IT Hours - System Maintenance							
IT Hours - Customer Support							
IT Hours - Planned Maintenance							
User Hours - New Development							
User Hours - PTNE/OT							
Contractor Professional Services							
<i>Development Services Subtotal:</i>	147,840						147,840
Hardware:							
<i>Hardware Subtotal:</i>							
Software:							
Okta Annual Subscription for 12,000 users	122,580	126,257	130,045	133,946	137,965	142,104	792,898
<i>Software Subtotal:</i>	122,580	126,257	130,045	133,946	137,965	142,104	792,898
Infrastructure:							
<i>Infrastructure Subtotal</i>							
Training:							
<i>Training Subtotal:</i>							
Other:							
<i>Other Subtotal:</i>							
Costs Total:	270,420	126,257	130,045	133,946	137,965	142,104	940,738

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Assumptions

Date	Assumption Description
18-Apr-19	Original quote email from Bob Olech to Jeff Jeff: The quote from Okta for an average of 12,000 CLEMIS external users is: \$115,544 paid annually (this is subscription based product and is classified as an operational expense). This includes Multifactor Authentication, Single Sign On, Production Tenant, Preview (Sandbox / QA) Tenant and support.