Project Name: Implement SSO for CLEMIS Applications Project ID: DF3183OK

Leadership Group: CLEMIS	
Department: IT	Division: CLEMIS
Project Sponsor: Jim Manning Date Reque	sted: 06/10/22 PM Customer No. 183
Request Type: <u>New Development</u>	Enhancement Customer Support
Planned System Mainten	ance or Upgrade
IT Team Name: FRMS / Biometrics Applications	IT Team No: 4
Project Manager/Leader: Patty Salter	
Account 63500 Account CLEMIS Number: Description:	Fund Customer CLEMIS Name:
	Mandate? Yes <u>No</u> Mandate Source:

Project Goal

To implement Okta authentication across the Clear applications so that application authentication is compliant with Oakland County IT Standards.

Business Objective

Implement Okta authentication across the 6 Clear Applications on the Dashboard Framework for:

- Activity Logs
- CAD MDC & Admin
- > CLEAR
- Citations
- > Crash
- Business Objects
- Any other CLEMIS team applications as needed

Major Deliverables

Purchase Okta Tenants for 12,000 CLEMIS users.

Design Configure and Test Okta Authentication.

Technical and architecture design approval.

Application Authentication Documentation.

Approach

Work with Enterprise Architecture and Server Admin teams to design, configure and test Okta authentication.

Define authentication deliverables and timeline by application.

Prepare a ROI detailing project costs and savings.

Prepare for and attend Technical/Architecture meetings for approval.

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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:

Role: Name Hours per Day

Project Sponsor: Jim Manning As needed

Project Name: Implement SSO for CLEMIS Applications	Project ID: DF3183OK
Facilities	
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Technical	
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Funding	
CLEMIS FUND	
Other	
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Priority	
Constraints	
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<u>Exclusions</u>	
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Project Name: Implement SSO for CLEMIS Applications Project ID: DF3183OK

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 Ap	proval:	Date:
IT Technical Systems Division Manager Appr	oval:	Date:
IT CLEMIS Division Manager Approval:		Date:
IT Internal Services Division Manager Approv	/al:	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:

	Implen	nent SSO for CLEM	IS Applications - Size Estimate (+/- 10% to	50%) ×	
Tv	pe	ID	Task Name	Estimated	Estimate Notes
<u></u> '''	pc	.5	Task Hallic	Hours	Estimate Hotes
1 Ph	nase	000000	■ PROJECT MANAGEMENT	203	
2 Ph	nase	100000	■ DEFINE BUSINESS REQUIREMENTS	134	
3 Ph	nase	300000	■ DESIGN SYSTEM ARCHITECTURE	167	
4 Ph	nase	500000	■ DEVELOP APPLICATION	201	
5 Ph	nase	600000	■ IMPLEMENTATION PHASE	124	
6 Ph	nase	800000	■ POST IMPLEMENTATION SUPPORT	67	
7					
1				896	

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%	
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) Review Information Technology Project Manag				Date:		_	

Return on Investment Analysis

Savings Detail

	Project Savings		Unit		Rate per		Annual
Benefit/Savings Description	Category	Budget Category/Funding Source	Desc	Units	Unit	Total Savings	
T- insulance and Older and and and and							
To implement Okta authentication across the Clear applications so that							
application authentication is compliant							
with Oakland County IT Standards.	Intangible Benefit					0	
Greatly reduce the number of							
password resets being done by							
CLEMIS staff	Intangible Benefit					0	
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Return on Investment Analysis

Savings Detail

		Affects Project ROI?				t RC	OI?		Po	tential Savii	ngs Extension	ons	
Benefit/Savings Description	Project Savings Category	Y1	Y2	Y 3	Y 4	Y5	Y6	Y 1	Y2	Y3	Y4	Y5	Y6
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	Intangible Benefit												
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Oakland County -- Implement SSO for CLEMIS Applications Return on Investment Analysis

Date: 8/9/2022

Savings Summary

Benefit/Savings Description	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Total
Tangible Benefit:							
Tangible Benefits Subtotal:							
Cost Avoidance:							
Cost Avoidance Subtotal:							
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:							

Return on Investment Analysis

Cost Detail

	Duals at Coat	Dud and Cate and United in a	I I so i 4		Doto non		Ammunal	Affect	s Proje	ect ROI?
Coat Decarintion	Project Cost	Budget Category/Funding	Unit	I I mit m	Rate per	Tatal Coat	Annual	\ _\	l _{va} l _v	A VE VO
Cost Description	Category	Source	Desc	Units	Unit	Total Cost	Multiplier	11;12	1311	4¦15¦16
IT Hours - New Development	Development Svcs			896	165	147,840	1.000	х		
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				

Return on Investment Analysis

Cost Detail

				Potential Co	st Extensions		
	Project Cost						
Cost Description	Category	Y1	Y2	Y3	Y4	Y5	Y6
T Hours - New Development	Development Svcs	147,840.00		!	!		
T Hours - System Maintenance	Development Svcs						
T Hours - Customer Support	Development Svcs	i			i !		
T Hours - Planned Maintenance	Development Svcs			<u> </u>			
Jser Hours - New Development	Development Svcs						
Jser Hours - PTNE/OT	Development Svcs						
Contractor Professional Services	Development Svcs	İ			!		

Oakland County -- Implement SSO for CLEMIS Applications Return on Investment Analysis

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							
Development Services Subtotal:	147,840						147,840
Hardware:							
Hardware Subtotal:							
Software:							
Okta Annual Subsription for 12,000 users	122,580	126,257	130,045	133,946	137,965	142,104	792,898
Software Subtotal:	122,580	126,257	130,045	133,946	137,965	142,104	792,898
Infrastructure:							
Infrastructure Subtotal							
Training:							
Training Subtotal:							
Other:							
Other Subtotal:							
Costs Total:	270,420	126,257	130,045	133,946	137,965	142,104	940,738
CUSIS I UIAI.	270,420	120,237	130,043	133,940	137,900	142,104	940,736

Date: 8/9/2022

Return on Investment Analysis

Assumptions

Date	Assumption Description
	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)
18-Apr-19	Tenant and support.