

Oakland County Department of Information Technology Project Scope and Approach

Project Name: OKTA Authentication Across Clear Applications Project ID: D41183MR

Leadership Group: CLEMIS			
Department: CLEMIS		Division: CLEMIS	
Project Sponsor: Jeff Nesmith	Date Requested: 06/08/20	PM Customer No.183	
Request Type: <u>New Development</u> <i>Enhancement</i> <i>Customer Support</i> <i>Planned System Maintenance or Upgrade</i>			
IT Team Name: FRMS / Biometrics Applications		IT Team No: Team 4	
Project Manager/Leader: Patty Salter			
Account Number: 63500	Account Description: CLEMIS Fund	Customer Name: CLEMIS	
Grant Funded? Yes <u>No</u>	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

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

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Research & Analysis

Gartner Research Recommendation

N/A

Benefits

See Return on Investment (ROI) Analysis Document

Impact

Number of Users 5,000

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:	Jeff Nesmith	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: 100
Total Estimated CLEMIS	Hours: 615
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: 715
Previously Authorized Development	Hours:
Preliminary Estimated Development for Future Phases	Hours:
Grand Total Estimated Development	Hours: 715 Cost: \$117,975

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PROJECT COMPLETION AUTHORIZATION

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

OKTA Authentication Across Clear Applications - Size Estimate (+/- 10% to 50%)					
	Type	ID	Task Name	Estimated Hours	Estimate Notes
1	Phase	000000	▣ PROJECT MANAGEMENT	169	
2	Phase	200000	▣ DEFINE BUSINESS REQUIREMENTS	109	
3	Phase	300000	▣ DESIGN SYSTEM ARCHITECTURE	109	
4	Phase	500000	▣ DEVELOP APPLICATION	164	
5	Phase	600000	▣ IMPLEMENTATION PHASE	109	
6	Phase	800000	▣ POST IMPLEMENTATION SUPPORT	55	
7					
1				715	

Oakland County -- Okta Authentication Across Clear Applications

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:	117,975	0	0	0	0	0	117,975
Hardware Subtotal:	0	0	0	0	0	0	0
Software Subtotal:	0	0	0	0	0	0	0
Infrastructure Subtotal	115,544	119,010	122,581	126,258	130,046	133,947	747,386
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	233,519	119,010	122,581	126,258	130,046	133,947	865,361
Annual Return on Investment	(233,519)	(119,010)	(122,581)	(126,258)	(130,046)	(133,947)	(865,361)
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	233,519	352,529	475,110	601,368	731,414	865,361	865,361
Cumulative Return on Investment	(233,519)	(352,529)	(475,110)	(601,368)	(731,414)	(865,361)	(865,361)
Cumulative Cost/Savings Ratio	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Year Positive Payback Achieved State or Federal Mandate?							NO PAYBACK
Signatures:							
Benefits Reviewed By Project Sponsor	_____			Date:	_____		
Costs (including IT Resources) Reviewed By Information Technology Project Manager	_____			Date:	_____		

Oakland County -- Okta Authentication Across Clear Applications

Benefit/Savings Description	Project Savings Category	Budget Category/Funding Source	Unit Desc	Units	Rate per Unit	Total Savings	Annual Multiplier
To implement Okta authentication across the Clear applications so that application authentication is compliant with Oakland County IT Standards.	Intangible Benefit					0	
						0	
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Benefit/Savings Description	Project Savings Category	Affects Project ROI?						Potential Savings Extensions						
		Y1	Y2	Y3	Y4	Y5	Y6	Y1	Y2	Y3	Y4	Y5	Y6	
To implement Okta authentication across the Clear applications so that application authentication is compliant with Oakland County IT Standards.	Intangible Benefit													

Oakland County -- Okta Authentication Across Clear Applications

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.							
0							
Savings Total:							

Oakland County -- Okta Authentication Across Clear Applications

Cost Description	Project Cost Category	Budget Category/Funding Source	Unit Desc	Units	Rate per Unit	Total Cost	Annual Multiplier	Affects Project ROI?						Y1	
								Y1	Y2	Y3	Y4	Y5	Y6		
IT Hours - New Development	Development Svcs			715	165	117,975	1.000	x							117,975.00
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									
Server - Maintenance	Infrastructure			0	360	0	1.030	x	x	x	x	x	x		0.00
Server - Extended Support 3rd Party	Infrastructure			0	500	0	1.000	x	x						0.00
Server Sftwre - Maintenance	Infrastructure					0									
Server Rack Mount	Infrastructure				400	0									
Okta Annual Subsription for 12,000 users	Infrastructure			1	115,544	115,544	1.030	x	x	x	x	x	x		115,544.00

Oakland County -- Okta Authentication Across Clear Applications

Cost Description	Project Cost Category	Potential Cost Extensions				
		Y2	Y3	Y4	Y5	Y6
IT Hours - New Development	Development Svcs	0.00				
IT Hours - System Maintenance	Development Svcs					
IT Hours - Customer Support	Development Svcs					
IT Hours - Planned Maintenance	Development Svcs					
User Hours - New Development	Development Svcs					
Server - Maintenance	Infrastructure	0.00	0.00	0.00	0.00	0.00
Server - Extended Support 3rd Party	Infrastructure	0.00				
Server Sftwre - Maintenance	Infrastructure					
Server Rack Mount	Infrastructure					
Okta Annual Subscription for 12,000 users	Infrastructure	119,010.32	122,580.63	126,258.05	130,045.79	133,947.16

Oakland County -- Okta Authentication Across Clear Applications

Cost Description	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Total
Development Services:							
IT Hours - New Development	117,975	0					117,975
IT Hours - System Maintenance							
IT Hours - Customer Support							
IT Hours - Planned Maintenance							
User Hours - New Development							
<i>Development Services Subtotal:</i>	117,975						117,975
Hardware:							
<i>Hardware Subtotal:</i>							
Software:							
<i>Software Subtotal:</i>							
Infrastructure:							
Okta Annual Subscription for 12,000 users	115,544	119,010	122,581	126,258	130,046	133,947	747,386
<i>Infrastructure Subtotal</i>	115,544	119,010	122,581	126,258	130,046	133,947	747,386
Training:							
<i>Training Subtotal:</i>							
Other:							
<i>Other Subtotal:</i>							
Costs Total:	233,519	119,010	122,581	126,258	130,046	133,947	865,361

