Project Name: Online Nurse-On-Call Chat Implementation Project ID: D99162NC

Leadership Group: Finance and Administration									
Department: Health and	Human Services		Division: Health I	Division					
Project Sponsor: Leigh-/	Date Reque	sted: 2/23/18	PM Custom	ner No. 162					
Request Type:	<u>New Developm</u>	<u>ent</u>	Enhancement	Cus	tomer Support				
	Planned System	Maintenance o	or Upgrade						
IT Team Name: Assessin	g and Taxation		IT Team No: 9						
Project Manager/Leader	: Scott Kaiser								
Account Number: 96842	Account Description:	Health Admir	nistration	Customer Name:	Health				
Grant Funded? Yes	1? Yes <u>No</u>		Mandate?		<u>No</u>				
		Mai	ndate Source:						

Project Goal

To expand the Nurse-On-Call services to include online chatting functionality with clients so that our capabilities to communicate with the public are expanded in a way that people have become accustom to receiving information from other websites. The public can currently call or email questions regarding services or public health concerns, however, there is no live or afterhours chat capability for customer service or civic engagement.

Business Objective

Increase customer service by allowing Nurse-On-Call to answer questions from the public through a "live webchat" feature.

Major Deliverables.

- Request for Proposal
- Detailed Project Plan
- Application and/or System Requirements
- End User Hardware and Software Requirements Document
- Technical Design Document
- Technical Architecture Diagram
- Training Plan
- User Acceptance Test Plan
- Implementation Plan
- Implemented technology
- Training/User Manual(s), including HIPAA compliance
- Service Level Agreement
- Disaster Recovery Toolkit
- Service Center Knowledge Documents

Project Name: Online Nurse-On-Call Chat Implementation

Project ID: D99162NC

Approach

- Develop Detailed Project Plan
- Review current business process and conduct needs assessment with customer, ensuring current manual processes are refined and automated.
- Document system requirements
- Determine and document system architecture and diagram
- Conduct Tech Review
- Order software if needed
- Develop Implementation Plan
- Implement new system
- Develop User Acceptance Test Plan
- Test new system
- Acquire User Acceptance Sign off
- Conduct Change Control
- Develop User Documentation, SLA, Disaster Recovery Toolkit, Service Center Knowledge Documents
- Train users on new system
- Release new system into production

Research & Analysis

Gartner Research Recommendation

Benefits

See Return on Investment (ROI) Analysis Document

Impact

Number of Users: Unlimited to all public users

Divisions: Health Division

Leadership Groups: Finance and Administration

Project Name: Online Nurse	e-On-Call Chat Implementation	Project ID: D99162NC
<u>Risk</u>		
Business Environment	Medium - Project will require some change processes.	s to existing business
Technical Environment	Medium - Previously implemented technolo and/or new requirements.	gies with new aspects
Assumptions		

StaffingIT 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	<u>Hours per Day</u>
Project Sponsor:	Leigh-Anne Stafford	As Needed

Facilities

None

Technical

• None

Funding

Information Technology

Other

• The chat system will not be used to convey any personal medical information and all users will maintain compliance with HIPAA requirements when working with clients.

Priority

• TBD

Project Name: Online Nurse-On-Call Chat Implementation Project ID: D99162NC

Constraints

• N/A

Exclusions

• N/A

Project Name: Online Nurse-On-Call Chat Implementation

Project ID: D99162NC

PROJECT PHASE AUTHORIZATION

Phase(s): All		
Total Estimated Application Services	Hours: 574	
Total Estimated Technical Systems	Hours: 51	
Total Estimated CLEMIS	Hours:	
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:	
Preliminary Estimated Development for Future Phases	Hours:	
25		
Grand Total Estimated Development	Hours: 625	Cost: \$103,125

Project Name: Online Nurse-On-Call Chat Implementation Project ID: D99162NC

PROJECT COMPLETION AUTHORIZATION

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

Online Nurse-On-Call Chat Implementation - Size Estimate (+/- 10% to 50%)

1	Туре	ID	Task Name	Estimated	Estimate Notes
2				Hours	
3	3	000000	PROJECT MANAGEMENT	225	
4	Phase	100000	DEVELOP RFP & SELECT VENDOR	139	
5	Phase	200000	BUSINESS REQUIREMENTS		
6	Phase	300000	DESIGN SYSTEM ARCHITECTURE	61	
7	Phase	400000	IMPLEMENT VENDOR APPLICATION	114	
8	Phase	500000	IMPLEMENTATION PHASE	69	
9	Phase	600000	POST IMPLEMENTATION SUPPORT	17	
10				625	

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:	34,705	35,399	36,107	36,829	37,566	38,317	218,922
Costs:							
Development Services Subtotal:	103,125	1,980	1,980	1,980	1,980	1,980	113,025
Hardware Subtotal:	0	0	0	0	0	0	0
Software Subtotal:	12,000	12,000	12,000	12,000	12,000	12,000	72,000
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	34,705	35,399	36,107	36,829	37,566	38,317	218,922
Annual Total Costs	115,125	13,980	13,980	13,980	13,980	13,980	185,025
Annual Return on Investment	(80,420)	21,419	22,127	22,849	23,586	24,337	33,897
Annual Costs/Savings Ratio	331.73%	39.49%	38.72%	37.96%	37.21%	36.49%	
Project Cumulative Statistics:							
Cumulative Total Savings	34,705	70,104	106,211	143,040	180,605	218,922	218,922
Cumulative Total Costs	115,125	129,105	143,085	157,065	171,045	185,025	185,025
Cumulative Return on Investment	(80,420)	(59,001)	(36,874)	(14,025)	9,560	33,897	33,897
Cumulative Cost/Savings Ratio	331.73%	184.16%	134.72%	109.81%	94.71%	84.52%	84.52%
Year Positive Payback Achieved					Year 5		Year 5
State or Federal Mandate?							
Signatures:							
Benefits Reviewed By Project Sponsor				Date:			
Costs (including IT Resources) Reviewed By Information Technology Project Manager				Date:			

Return on Investment Analysis

Savings Detail

Benefit/Savings Description	Project Savings Category	Budget Category/Funding Source	Unit Desc	Units	Rate per Unit	Total Savings	Annual Multiplier
Provide better services to the							
community by offering additional							
options to receive additional							
information.	Intangible Benefit					0	
The nurses will be able to assist more							
individuals and find additional							
community resources because							
questions will be answered in more							
time efficient manner.	Cost Avoidance		HR	1,040	33	34,705	1.020
Staff from other units, such as CSU,							
can also monitor the chat feature and							
answer non-medical questions to assist							
the NOC with the amount of calls							
	Intangible Benefit					0	
Faster turnover of call volume due to							
increased call/chat taker efficiency.							
Average responses can be less than 30							
seconds an interaction.	Intangible Benefit					0	
						0	
						0	

Return on Investment Analysis

Savings Detail

		Af	ffect	s Pi	oje	ct R	01?	Potential Savings Extensions					
Benefit/Savings Description	Project Savings Category	Y1	Y2	Y3	Y4	Y5	Y6	Y1	Y2	Y3	Y4	Y5	Y6
Provide better services to the community by offering additional options to receive additional													
information. The nurses will be able to assist more individuals and find additional community resources because questions will be answered in more	Intangible Benefit												
Staff from other units, such as CSU, can also monitor the chat feature and answer non-medical questions to assist the NOC with the amount of calls	Cost Avoidance	X	X	X	X	x	X	34,704.80	35,398.90	36,106.87	36,829.01	37,565.59	38,317
Faster turnover of call volume due to increased call/chat taker efficiency. Average responses can be less than 30													

As Of: 2/23/18

Return on Investment Analysis

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:							
The nurses will be able to assist more							
individuals and find additional community							
resources because questions will be							
answered in more time efficient manner.	34,705	35,399	36,107	36,829	37,566	38,317	218,922
Cost Avoidance Subtotal:	34,705	35,399	36,107	36,829	37,566	38,317	218,922
Intangible Benefit:							
Provide better services to the community by							
offering additional options to receive							
additional information.							
Staff from other units, such as CSU, can							
also monitor the chat feature and answer							
non-medical questions to assist the NOC							
with the amount of calls received each year							
(12,000)							
Faster turnover of call volume due to							
increased call/chat taker efficiency. Average							
responses can be less than 30 seconds an							
interaction.							
<u> </u>							
Savings Total:	34,705	35,399	36,107	36,829	37,566	38,317	218,922

Return on Investment Analysis

								A	fect	s Pr	ojec	t RC) ?
	Project Cost	Budget Category/Funding	Unit	11	Rate per	Tatal Orat	Annual			Vo	~	VE	ve
Cost Description	Category	Source	Desc	Units	Unit	Total Cost	Multiplier		12	13	Y4	15	10
IT Hours - New Development	Development Svcs			625	165	103,125		х	i —	į	 '	i	i l
IT Hours - System Maintenance	Development Svcs				165	0					-	i	х
IT Hours - Customer Support	Development Svcs			12	165	1,980			Х	х	х	х	х
IT Hours - Planned Maintenance	Development Svcs				165	0			<u> </u>	<u> </u>	<u> </u>	<u>i</u>	<u> </u>
User Hours - New Development	Development Svcs					0			ļ	ļ	Ļ'	Ļ	
User Hours - PTNE/OT	Development Svcs					0					<u> </u>	<u> </u>	
Contractor Professional Services	Development Svcs					0					<u> </u>		
PC System - Acquisition	Hardware				814	0					<u> </u>	<u> </u>	
PC System - Maintenance	Hardware				2,304	0							i
Notebook - Acquisition	Hardware				1,223	0					<u> </u>	<u>i</u>	
Notebook - Maintenance	Hardware				2,372	0					<u> </u>	<u> </u>	
Tablet Notebook - Acquisition	Hardware				2,012	0			ļ	ļ	! '	ł	
Tablet Notebook - Maintenance	Hardware					0					1	l	
Laserprinter - Acquisition	Hardware				1,432	0							
Laserprinter - Maintenance	Hardware				1,104	0							
Image Workstations - Acquisition	Hardware					0						1	
Image Workstations - Maintenance	Hardware				3,496	0					[l	
PC Maintenance User Owned	Hardware				2,304	0					1	ļ	
Printer Maintenance User Owned	Hardware				1,072	0				1			
File Space (100GB)	Hardware		ANN		173	0					1	l	
Internet Bandwidth per MB	Hardware		ANN		750	0					ĺ	l –	
Package Software - Acquisition	Software		ANN	1	12,000	12,000		х				ļ	
Package Software - Maintenance	Software			1	12,000	12,000			х	х	х	х	х
Business Objects Access	Software					0				ļ			
Term Emulation SFTW-Acquisition	Software					0							
Term Emulation SFTW-Maintenance	Software					0				1			
Server - Acquisition/Upgrade	Infrastructure				8,000	0					1	l	
Server - Maintenance	Infrastructure				360	0							
Server Sftwre - Acquisition/Upgrade	Infrastructure				335	0					[
Server Sftwre - Maintenance	Infrastructure					0				1	1	1	
Server Rack Mount	Infrastructure				400	0					1	Ì	
Oracle Enterprise Per Processor -													
Includes Year 1 Maintenance	Infrastructure				21,372	0					!	ļ	
Oracle Enterprise Per Processor - Year					, <u> </u>				İ	İ		1	
2 and Beyond	Infrastructure				3,432	0					1	ł	

Return on Investment Analysis

									fects	s Proj	ect R	01?
	Project Cost	Budget Category/Funding	Unit		Rate per		Annual					
Cost Description	Category	Source	Desc	Units	Unit	Total Cost	Multiplier	Y1	Y2	Y3 ۱	<u>4 Y</u>	5 Y6
SQL Server Enterprise - Per Processor												
(4 cores) - Purchased Sept 2016-Aug												
2017 - Includes Maintenance thru Aug												
2019	Infrastructure				24,533	0						
SQL Server Enterprise - Per Processor												
(4 cores) - Purchased Sept 2017-Aug												
2018 - Includes Maintenance thru Aug												
2019	Infrastructure				20,759	0						
SQL Server Enterprise - Per Processor												
(4 cores) - Purchased Sept 2018-Aug												
2019 - Includes Maintenance thru Aug												
2019	Infrastructure				16,985	0					Ì	
SQL Server Enterprise - Maintenance,												
Per Processor (4 cores) - Sept 2019												
and Beyond	Infrastructure				4,218	0						
SQL Server Standard - Per Processor												
(4 cores) - Purchased Sept 2016-Aug												
2017 - Includes Maintenance thru Aug												
2019	Infrastructure				6,398	0					Ì	
SQL Server Standard - Per Processor												
(4 cores) - Purchased Sept 2017-Aug												
2018 - Includes Maintenance thru Aug												
2019	Infrastructure				5,414	0						
SQL Server Standard - Per Processor												
(4 cores) - Purchased Sept 2018-Aug											ļ	
2019 - Includes Maintenance thru Aug												
2019	Infrastructure				4,429	0						
SQL Server - Standard Maintenance,												
Per Processor (4 cores) - Sept 2019												
and Beyond	Infrastructure				1,100	0						
Websphere Basic Per Processor											1	
Single/Dual Core - Includes Year 1												
Maintenance	Infrastructure				3,506	0						

Return on Investment Analysis

							Affects Proj		ect RC) ?		
O a sé Da a seinéi an			Unit	11	Rate per	Tatal Oast	Annual	VA	vo			Vo
Cost Description	Category	Source	Desc	Units	Unit	Total Cost	Multiplier	¥1	42	Y3 1	(4 Y5	10
Weberberg Desis Der Dresser												
Websphere Basic Per Processor	1 f				704	0						
	Infrastructure				701	0				į		<u> </u>
Websphere ND Per Processor										l		
Single/Dual Core - Includes Year 1										ł		
Maintenance	Infrastructure				13,180	0						
Websphere ND Per Processor												
5	Infrastructure				2,635	0						
SSL Certificate	Infrastructure				845	0						
Internet Access	Infrastructure				180	0						
Imperva Web Application Firewall												
(External Web Applications Only)	Infrastructure		ANN		500	0				į		
App Code Directories on Consolidated												
IIS Server (Virtual)	Infrastructure		ANN		415	0				ł		
Database (5 GB) on Consolidated SQL												
Instance Server	Infrastructure		ANN		930	0				į		i l
Database Instance (125 GB DB) on										Ì		
Consolidated SQL Server	Infrastructure		ANN		2,395	0						
Database SQL Maint Server	Infrastructure		ANN		834	0				ł		
Database SQL Server Physical	Infrastructure		ANN		19,158	0				ł		
DB Maintenance (Annual Cycle \$610)	Infrastructure		ANN		610	0				1		
DB Maintenance (Semi-Annual Cycle												
\$1220)	Infrastructure		ANN		1,220	0				l		
DB Maintenance (Semi-Annual Cycle												
\$2440)	Infrastructure		ANN		2,440	0						
Dedicated Virtual Server	Infrastructure		ANN		4,150	0	-					
DB Instance Setup	Infrastructure				976	0				İ		
DBA MS SQL Database Creation on												
Exisiting Instance	Infrastructure				366	0						
										-		
Extra Small - 2 Core 8GB RAM, 500GB												
Drive, 10 GB NIC - Cloud/Virtual = \$601												i
On Premise Physical Server = N/A	Infrastructure		ANN			0						

Return on Investment Analysis

								Af	ects	s Proj	ect	ROI?
Cost Description	Project Cost Category	Budget Category/Funding Source	Unit Desc	Units	Rate per Unit	Total Cost	Annual Multiplier	Y1	Y2	Y3 Y	Ά'	(5 YE
Small - 4 Core 16GB RAM, 500GB												
Drive, 10 GB NIC - Cloud/Virtual = \$951												1
On Premise Physical Server = \$9,288	Infrastructure		ANN			0						
Medium - 8 Core 32GB RAM, 500GB								Î	Î			
Drive, 10 GB NIC - Cloud/Virtual =												1
\$1,702 On Premise Physical Server =												- į
. ,	Infrastructure		ANN			0						
Large - 16 Core 64GB RAM, 500GB												ł
Drive, 10 GB NIC - Cloud/Virtual =												l
\$3,167 On Premise Physical Server =												
· · · · ·	Infrastructure		ANN			0						
Extra Large - 40 Core 160GB RAM,												į
500GB Drive, 10 GB NIC - Cloud/Virtual												Ì
= \$7,564 On Premise Physical Server =												
\$12,906	Infrastructure		ANN			0						

Return on Investment Analysis

		Potential Cost Extensions										
	Project Cost											
Cost Description	Category	Y1	Y2	Y3	Y4	Y5	Y6					
IT Hours - New Development	Development Svcs	103,125.00										
IT Hours - System Maintenance	Development Svcs		0.00	0.00	0.00	0.00	0.00					
IT Hours - Customer Support	Development Svcs		1,980.00	1,980.00	1,980.00	1,980.00	1,980.00					
IT Hours - Planned Maintenance	Development Svcs											
User Hours - New Development	Development Svcs											
User Hours - PTNE/OT	Development Svcs											
Contractor Professional Services	Development Svcs											
PC System - Acquisition	Hardware											
PC System - Maintenance	Hardware											
Notebook - Acquisition	Hardware											
Notebook - Maintenance	Hardware											
Tablet Notebook - Acquisition	Hardware											
Tablet Notebook - Maintenance	Hardware											
Laserprinter - Acquisition	Hardware											
Laserprinter - Maintenance	Hardware											
Image Workstations - Acquisition	Hardware											
Image Workstations - Maintenance	Hardware											
PC Maintenance User Owned	Hardware											
Printer Maintenance User Owned	Hardware											
File Space (100GB)	Hardware											
Internet Bandwidth per MB	Hardware											
Package Software - Acquisition	Software	12,000.00										
Package Software - Maintenance	Software		12,000.00	12,000.00	12,000.00	12,000.00	12,000.00					
Business Objects Access	Software											
Term Emulation SFTW-Acquisition	Software											
Term Emulation SFTW-Maintenance	Software											
Server - Acquisition/Upgrade	Infrastructure											
Server - Maintenance	Infrastructure											
Server Sftwre - Acquisition/Upgrade	Infrastructure											
Server Sftwre - Maintenance	Infrastructure											
Server Rack Mount	Infrastructure											
Oracle Enterprise Per Processor -												
Includes Year 1 Maintenance	Infrastructure											
Oracle Enterprise Per Processor - Year												
2 and Beyond	Infrastructure											

Return on Investment Analysis

	Potential Cost Extensions						
	Project Cost	N/A	Vo	Vo	N/A	VE	Vo
Cost Description	Category	Y1	Y2	Y3	Y4	Y5	Y6
SQL Server Enterprise - Per Processor		_	1				
(4 cores) - Purchased Sept 2016-Aug			1				
2017 - Includes Maintenance thru Aug							
2019	Infrastructure		Į				
SQL Server Enterprise - Per Processor							
(4 cores) - Purchased Sept 2017-Aug							
2018 - Includes Maintenance thru Aug							
2019	Infrastructure		<u> </u>				
SQL Server Enterprise - Per Processor							
(4 cores) - Purchased Sept 2018-Aug							
2019 - Includes Maintenance thru Aug							
2019	Infrastructure						
SQL Server Enterprise - Maintenance,							
Per Processor (4 cores) - Sept 2019							
and Beyond	Infrastructure						
SQL Server Standard - Per Processor			[
(4 cores) - Purchased Sept 2016-Aug							
2017 - Includes Maintenance thru Aug			Ì				
2019	Infrastructure						
SQL Server Standard - Per Processor							
(4 cores) - Purchased Sept 2017-Aug							
2018 - Includes Maintenance thru Aug							
2019	Infrastructure						
SQL Server Standard - Per Processor							
(4 cores) - Purchased Sept 2018-Aug							
2019 - Includes Maintenance thru Aug							
2019	Infrastructure						
SQL Server - Standard Maintenance,							
Per Processor (4 cores) - Sept 2019							
and Beyond	Infrastructure						
Websphere Basic Per Processor			1	1			
Single/Dual Core - Includes Year 1							
Maintenance	Infrastructure						

Return on Investment Analysis

	Potential Cost Extensions										
Cost Description	Project Cost Category	Y1	Y2	Y3	Y4	Y5	Y6				
Websphere Basic Per Processor											
Single/Dual Core - Year 2 and Beyond	Infrastructure										
Websphere ND Per Processor											
Single/Dual Core - Includes Year 1											
Maintenance	Infrastructure			<u> </u>							
Websphere ND Per Processor											
Single/Dual Core - Year 2 and Beyond	Infrastructure			i i							
SSL Certificate	Infrastructure				 	<u> </u>					
Internet Access	Infrastructure										
Imperva Web Application Firewall			<u> </u>	<u>.</u>	ļ						
(External Web Applications Only)	Infrastructure										
App Code Directories on Consolidated	Innastruoture										
IIS Server (Virtual)	Infrastructure										
Database (5 GB) on Consolidated SQL			1	1							
Instance Server	Infrastructure										
Database Instance (125 GB DB) on					<u> </u>						
Consolidated SQL Server	Infrastructure										
Database SQL Maint Server	Infrastructure					1					
Database SQL Server Physical	Infrastructure			1		1					
DB Maintenance (Annual Cycle \$610)	Infrastructure				1						
DB Maintenance (Semi-Annual Cycle				1							
\$1220)	Infrastructure			1							
DB Maintenance (Semi-Annual Cycle											
\$2440)	Infrastructure										
Dedicated Virtual Server	Infrastructure										
DB Instance Setup	Infrastructure										
DBA MS SQL Database Creation on											
Exisitng Instance	Infrastructure										
				1							
Extra Small - 2 Core 8GB RAM, 500GB				1							
Drive, 10 GB NIC - Cloud/Virtual = \$601				1							
On Premise Physical Server = N/A	Infrastructure			Ì							

Return on Investment Analysis

		Potential Cost Extensions								
Cost Description	Project Cost Category	Y1	Y2	Y3	Y4	Y5	Y6			
Small - 4 Core 16GB RAM, 500GB										
Drive, 10 GB NIC - Cloud/Virtual = \$951										
On Premise Physical Server = \$9,288	Infrastructure									
Medium - 8 Core 32GB RAM, 500GB										
Drive, 10 GB NIC - Cloud/Virtual =										
\$1,702 On Premise Physical Server =										
\$9,751	Infrastructure									
Large - 16 Core 64GB RAM, 500GB			Î	Ì	i I	i I				
Drive, 10 GB NIC - Cloud/Virtual =										
\$3,167 On Premise Physical Server =										
\$10,446	Infrastructure									
Extra Large - 40 Core 160GB RAM,										
500GB Drive, 10 GB NIC - Cloud/Virtual										
= \$7,564 On Premise Physical Server =										
\$12,906	Infrastructure									

As Of: 2/23/18

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	103,125						103,125
IT Hours - System Maintenance		0	0	0	0	0	
IT Hours - Customer Support		1,980	1,980	1,980	1,980	1,980	9,900
IT Hours - Planned Maintenance							
User Hours - New Development							
User Hours - PTNE/OT							
Contractor Professional Services							
Development Services Subtotal.	103,125	1,980	1,980	1,980	1,980	1,980	113,025
Hardware:							
Hardware Subtotal:							
Software:							
Package Software - Acquisition	12,000						12,000
Package Software - Maintenance		12,000	12,000	12,000	12,000	12,000	60,000
Software Subtotal.	12,000	12,000	12,000	12,000	12,000	12,000	72,000
Infrastructure:	12,000	12,000	12,000	12,000	12,000	12,000	72,000
Infrastructure Subtotal							
Training:							
Training Subtotal.							
Other:							
Other Subtotal:							
Costs Total:	115,125	13,980	13,980	13,980	13,980	13,980	185,025

Return on Investment Analysis

Assumptions

Date	Assumption Description
	By providing a quick link to a resource that answers someone's question rather then read them that information or redirect them to a website
05-Mar-18	will save 5 hours per nurse with 4 nurses across 52 weeks (5 hrs x 4 nurses =20 hrs / 20 hr x 52 weeks = 1,040) The vendor solutions considered were all SaaS and do not require IT sourced servers or databases
16-May-18	The vendor solutions considered were all SaaS and do not require IT sourced servers or databases
16-May-18	Some solutions have a desktop client and others are entirely cloud based UI's for the office chat responders
-	