

Amendment No. 48 (Client Internal Reference)

THIS AMENDMENT NO. 1-4U0HNSV between Cerner Health Services, Inc. ("**Cerner**"), a Delaware corporation having its principal place of business at 51 Valley Stream Parkway, Malvern, Pennsylvania, 19355 and the County of San Mateo, including the County's San Mateo Medical Center ("**Client**"), having its principal place of business at 222 W 39Th Avenue, San Mateo, CA, 94403-4364, is effective as of \_\_\_\_\_\_ ("**Amendment No. 1-4U0HNSV Effective Date**"),

#### WITNESSETH:

WHEREAS, Client and Siemens Medical Solutions USA, Inc. ("Siemens") were parties to an agreement dated September 23, 2003, (as amended, the "Agreement"). In connection with Cerner Corporation's acquisition of the Health Services business of Siemens effective February 2, 2015, Siemens has assigned the Agreement to Cerner.

WHEREAS, Client and Cerner, as successor in interest to Siemens under the Agreement wish to amend the Agreement, specifically, with respect to matters set forth in Amendment No. 22, dated January 10, 2012 and Amendment No. 1-4VOC9NH (Client Internal Reference, Amendment No. 42), dated August 9<sup>th</sup>, 2016, in certain respects,

NOW, THEREFORE, in consideration of the premises, the parties hereto do hereby covenant and agree as follows:

**Exhibits.** This Amendment includes the following exhibits which are attached hereto and incorporated by reference:

Exhibit A – New Solutions and Services Exhibit B – Scope of Work Exhibit C – SMC Health Client Expansion Project Exhibit D – Event Activity Report

1. Not to Exceed. Services July 1, 2012 through December 31, 2020. For licenses, services, expenses, charges, and all other items provided under the Agreement for the period beginning July 1, 2012, through December 31, 2020, the maximum costs to Customer has a not to exceed amount of \$29,618,914. This Amendment No. 48 increases the not to exceed amount of the Agreement by \$870,000, to a new "Fourth Period Not to Exceed Amount" of \$30,488,914.

All travel and living expenses are subject to the applicable not to exceed amount.

The parties will mutually determine, on a case-by-case basis, whether any future amendments will increase the Fourth Period Not to Exceed amount, but any such change must be duly approved in writing and in advance by each party in order to be effective. Contract services under the Fourth Period Not to Exceed Amount shall terminate upon exhaustion of that Not to Exceed amount or expiration of the contract term, whichever occurs first, in accordance with the provisions of the Agreement unless the Agreement is duly amended in writing by each party to change the Not to Exceed Amount.

2. Cerner and Client agree to add to the scope of the Agreement the following AMS and Cerner Application Services fees as set forth in table below and as set forth in Exhibit A, to account for Client's expansion project in relation to Maguire Correctional Facility and Maple Street Correctional Center.

Term	Annual Charges	Monthly Charges
Application Management Services	\$18,000	\$1,500
Cerner Application Services	\$19,176	\$1,598
Total	\$37,176	\$3,098

3. New Solutions and Services. Cerner and Client agrees to purchase the solutions and services summarized in the table below and outlined in Exhibit A of this Amendment No. 1-4U0HNSV for the Correctional Health and INVISION Enterprise Master Person Index (eMPI) query and response processing.





Correctional Health Charges								
Description	One Time	Monthly						
Professional Services								
Cerner Consulting Services	\$428,340	-						
Cerner Application Services	\$161,955	\$1,598						
Application Management Services	-	\$1,500						
Subscriptions	-	\$3,092						
Licensed Software Support	-	\$43						
Managed Services	-	\$180						
TOTAL	\$590,295	\$6,413						

INVISION eMPI Query Response Charges									
Description	One Time	Monthly							
Professional Services									
Fixed Fee	\$42,240	-							
Licensed Software	\$1,320	-							
	-	\$230							
Licensed Software Support									
TOTAL	\$43,560	\$230							

Travel and living expenses are not included in the fees above and will be invoiced as incurred in accordance with the terms of the Agreement. For budgetary purposes only, the associated travel and living expenses are estimated to be \$70,000.

**PAYMENT TERMS**. Payment Terms for the solutions and services set forth in Exhibit A are as follows:

### LICENSED SOFTWARE

<u>One-Time Fees</u>. One-hundred percent (100%) of the one-time Licensed Software fees for INVISION will be paid upon the earlier of First Productive Use or May 1, 2019.

#### SOFTWARE SUPPORT

<u>Monthly Fees</u>. The monthly Support fees for Correctional Health are payable monthly beginning First Productive Use, estimated to be October 1, 2019.

The monthly support fees for INVISION are payable monthly beginning First Productive Use, estimated to be May 1, 2019.

#### **SUBSCRIPTIONS**

<u>Monthly Fees</u>. The monthly subscription fees for Correctional Health are payable monthly beginning First Productive Use, estimated to be October 1, 2019.

#### MANAGED SERVICES

<u>Monthly Fees</u>. The monthly managed services fees for Correctional Health are payable monthly beginning First Productive Use, estimated to be October 1, 2019.

#### PROFESSIONAL SERVICES

The fees for Professional Services are based on the Scope of Work, as further described in the Project Work Plan, and for any work performed in addition to or outside the Scope of Work or Project Work Plan, the Change Order Process in the Agreement's Exhibit A Section 2 will apply.

<u>Correctional Health Fixed Fee.</u> Twenty five percent (25%) of the \$428,340 professional services fee is be paid upon project kick-off, estimated to be March 15, 2019. Twenty five percent (25%) will be paid upon Integrated Testing, estimated to be July 15, 2019. Fifty percent (50%) will be paid upon First Productive Use, estimated to be





October 1, 2019. Client and Cerner will agree in writing documented with a signed Event Activity Report (EAR) when each milestone is achieved.

<u>Cerner Application Services Fixed Fee.</u> The \$161,955 will be payable in 5 equal monthly payments in the amount of \$32,391, each beginning upon Integrated Testing, estimated to be July 15, 2019.

INVISION eMPI Fixed Fee. Twenty five percent (25%) of the \$42,240 professional services fee for INVISION EMPI work will be paid upon project kick-off, estimated to be March 1, 2019. Twenty five percent (25%) will be paid upon Integrated Testing, estimated to be April 15, 2019. Fifty percent (50%) will be paid upon First Productive Use, estimated to be May 1, 2019. Client and Cerner will agree in writing documented with a signed Event Activity Report (EAR) when each milestone is achieved.

#### APPLICATION MANAGEMENT SERVICES AND CERNER APPLICATION SERVICES

<u>Monthly Fees.</u> The monthly service fees for Correctional Health are payable monthly beginning First Productive Use, estimated to be October 1, 2019.

#### **TERM AND TERMINATION.**

Software Support. Support services begin on the Amendment No. 1-4U0HNSV Effective Date and continue until terminated pursuant to the Agreement.

<u>Other Services.</u> All recurring services (such as managed services, application services, subscription services, Cerner Application Services, and Application Management Services) begin upon First Productive Use and continue until terminated pursuant to the Agreement.

- 4. <u>SMC Health Client Expansion Project</u>. Document attached herein as Exhibit C was created by the Client from the Scope of Work in Exhibit B, and considerations for the project overall. This document is attached for reference only and does not replace the Scope of Work set forth in Exhibit B.
- 5. <u>Event Activity Report ('EAR').</u> Client will need to acknowledge delivery of the solutions listed in the EAR attached herein as Exhibit D. All solutions are currently owned and implemented and only being expanded to additional facilities. Delivery is deemed to have occurred upon this Amendment Effective Date. Client agrees to sign and return EAR to Cerner within 30 days of this Amendment Effective Date.
- 6. <u>Annual Increases</u>. Cerner may revise the monthly fees for Licensed Software Support, Managed Services, and Subscription services, and Application Management Services set forth in Exhibit A no more than once in any fiscal year of the Client (July 1 through June 30) on thirty (30) days' written notice by the lesser of four percent (4%) or the previous calendar year's percentage increase in the United States Department of Labor Consumer Price Index, All Urban Consumers ("CPI"). All such adjustments shall be effective as of the first day of Client's next fiscal year (July 1) after receipt of such notice. Cerner may increase the monthly fees at any time during the term if Cerner's third-party supplier increases the fees to be paid by Cerner, with such increase being limited to the amount of increase in Cerner's fee to the third-party supplier.
- 7. In all other respects, the Cerner Sales Order and the Agreement of which they are a part remain unchanged.





IN WITNESS WHEREOF, the parties hereto do hereby execute this Amendment No. 1-4U0HNSV as of the Amendment No. 1-4U0HNSV Effective Date.

SAN MATEO MEDICAL CENTER	CERNER HEALTH SERVICES, INC
By:(signature)	By:
(type or print) Title: President, Board of Supervisors, San Mateo County	Teresa I Waller Title: Sr Director, Contract Management
Attest By: (signature)	
(type or print) Title:	





## **EXHIBIT A – NEW SOLUTIONS AND SERVICES**

### LICENSED SOFTWARE

Solution Code	Description	Qty	Scope	One-Time Fees	Monthly Support Fees	Solution Description Code	Pass-Through Code
Quote: Cerner	HS Solutions - 1705309037 (1-14093908596-R-1)						
07581200	Custom Bi-directional Interface	1	Each	1,320			
07581200	SUPT: Custom Bi-directional Interface	1	Each		230		
Solution Code	Description	Qty	Scope	One-Time Fees	Monthly Support Fees	Solution Description Code	Pass-Through Code
Quote: Cerner	HS Solutions - Correctional Facility (1-10548533391-R	-4)					
07586097	Cerner OPENLink Engine Base Fee Perpetual License	1	Each	0	25	SD100853_01	
07591980	Cerner OPENLink Engine Variable Fee Perp License	1,200	Adjusted Patient Days	0	18	SD100853_01	

## SUBSCRIPTIONS

Solution Code	Description	Qty	Scope	Term (Mo)	One-Time Fees	Monthly Fees	Solution Description Code	Pass-Through Code
Quote: Cerner	HS Solutions - Correctional Facility (1-10548533	391-R-4)	· · ·				•	
07597870	Non-MS4 Pharmacy Variable Fee Subscription	1,200	Adjusted Patient Days	15		312		58100_SAP
07597813	Non-MS4 Med Admin Check Variable Fee Sub	1,200	Adjusted Patient Days	15		405		58100_SAP
07593531	Cerner Soarian Clinical Access Subscription	1,200	Adjusted Patient Days	15		209		58100_SAP
07603561	Cerner Soarian Clinical Team Subscription	1,200	Adjusted Patient Days	15		387		58100_SAP
07603553	Cerner Soarian Common Clinical V2.0 Subscription	1,200	Adjusted Patient Days	15		488		58100_SAP
07603579	Cerner Soarian Physician Subscription	1,200	Adjusted Patient Days	15		310		58100_SAP
07636181	Cerner Soarian Doc Management Base 1 CU Subscription	15	Concurrent Users	15		396	SD100850_01	008700_CBU_C
07637411	Cerner Soarian Doc Mgmt Auto Scanning Mgmt 1 Bed Sub	32	Beds	15		230	SD100850_01	
07637957	Cerner Soarian Doc Mgmt Completion Mgmt 1 Bed Sub	32	Beds	15		230		
07626810	DSS Financial Add-on V05 Subscription	1,200	Adjusted Patient Days	15		55		58100_SAP
07626729	Decision Support Solutions Base V05 Subscription	1,200	Adjusted Patient Days	15		69		58100_SAP

### **APPLICATION MANAGEMENT SERVICES**

Solution Code	Description	Qty	Scope	Monthly Range		One-Time Fees	Monthly Fees	Solution Description Code	Pass-Through Code			
Quote: AMS HS	Quote: AMS HS Corrections Expansion (1-13977219971-R-1)											
SRN-200000- AMS	Soarian - AMS	1	Each	1 to 15	15		1,500					





Solution Code	Description	Qty	Scope	 Term (Mo)	One-Time Fees	Monthly Fees	Solution Description Code	Pass-Through Code
	Corrections Expansion (1-1307721007	1_D_1)						

Quote: AMS HS Corrections Expansion (1-13977219971-R-1)

### **CERNER APPLICATION SERVICES**

		**Bill			Monthly		Monthly	Pass-Through			
Phase	Project	Туре	Solution		Range	(Mo)	Fees	Code			
Quote: CAS Corrections Expansion (1-13977220543-R-1)											
1	ITO ACE - Leveraged	FF	ITO ACE – Leveraged (Cerner Application Services)		1 to 15	15	1,598				
1	ITO NOL LEVElagea	1	rio (oe levelaged (oe lier (op lied of oe viees)		1 10 10	10	1,000				
					1 10 10	10	1,000				
		**Bill					One-Time	Pass-Through			
	Project	**Bill		Rate	Metric	Qty	,	Pass-Through Code			
Phase		**Bill Type	Solution	Rate			One-Time	•			

### **MANAGED SERVICES**

Solution Code	Description	Qty	Scope	Monthly Range		One-Time Fees	Monthly Fees	Solution Description Code	Pass-Through Code			
Quote: Cerner I	Quote: Cerner HS Patient Accounting - Correctional Facil (1-10823468541-R-3)											
07620623	INVISION Patient Acctg Package V25 RCO	1,200	Each		15		180		005400_MSF			

### **PROFESSIONAL SERVICES**

Phase	Project	**Bill Type	Solution	Rate	Metric	Qty	Fees	Pass-Through Code				
Quote	Quote: Professional Services (1-10787186181-R-7)											
1	BusinessIntelligence	FF	Decision Support Solutions				7,260					
1	Clinicals	FF	Patient Management				42,240					
1	Clinicals	FF	Soarian Clinicals				208,065					
1	Clinicals	FF	Medication Management				67,650					
1	Financials	FF	Patient Accounting				53,790					
1	Financials	FF	Soarian Document Management				49,335					

Phase	Project	**Bill Type	Solution	Rate	Metric	Qty	Fees	Pass-Through Code		
Quot	Quote: Professional Services - 1705309037 (1-14093908441-R-1)									
1	Consulting Clinicals	FF	Clinicals				13,200			
1	Consulting Rev Cycle	FF	Custom Apps/Direct Line				13,200			
1	ConsultingTechnology	FF	Technology				14,520			
1	Network Services	FF	Network Services				1,320			

\*\*FF = Fixed Fee / FFS = Fee For Service

Professional services pricing is valid until January 19, 2019. If the Amendment is not executed on or before such date, this pricing is considered null and void and will be subject to revision. Cerner will not schedule resources for implementation services until this Amendment has been executed by both parties and processed by Cerner.





### **EXHIBIT B - SCOPE OF WORK**

### San Mateo Medical Center Client Expansion Project

**Client Expansion:** The following two facilities will be added to San Mateo County Medical Center's existing deployed Cerner solutions

- Maguire Correctional Facility
- Maple Street Correctional Center

The expected duration of implementation for the facilities listed above is six (6) months. Cerner will provide Client with a project plan that will detail tasks with due date and assigned resources to complete. Cerner's engagement leader will host project team meetings and distribute project status reports to the Client throughout the engagement.

**Approach:** The facilities will be added as nurse stations to each of the Cerner solutions listed below including existing deployed inbound and outbound interfaces with the exception of Soarian Pharmacy in which the facilities will be set up as a second site to the existing Soarian Pharmacy production and test environments.

### **Cerner Solutions:**

- INVISION Patient Management
- INVISION Patient Accounting
- Soarian Clinicals
- Soarian Pharmacy
- Soarian Document Management
- Decision Support Solution

### Project Duration: 6 Months

### Cerner Consulting Responsibilities:

### Cerner Consulting Engagement Leader:

- Provide project management oversight of assigned Cerner consulting tasks and resources
- Secure and schedule Cerner resources based on a mutually agreed to project timeline
- Facilitate escalations as needed and ensure timely resolution
- Participate remotely in project status conference calls
- Provide project status updates





### **INVISION** Patient Management/Patient Registration:

- Guide Client through the implementation of adding facilities as nurse stations to Client's existing deployed INVISION environment using existing pathways, screens, profiles and master files
- Guide Client, as needed, in modifying the OAS profile, master files, VSAM files, screens and pathways to support the new nurse stations and implementation of division code processing
- Provide guidance and best practices in set up and troubleshooting
- Provide up to 3 days of remote or on-site day shift Live support to the Client command center (8 hours per day)

### **INVISION Patient Accounting:**

- Guide Client through the implementation of adding facilities as nurse stations to Client's existing deployed INVISION environment using existing pathways, screens, profiles and master files
- Guide Client through the implementation of model division code processing. Initial set up includes:
  - Identifying and establishing model division code components within impacted profiles and master files
  - Identifying ad hoc reporting requirements specific to the reporting of data at the facility (division) level
- Provide guidance and best practices in set up and troubleshooting
- Provide up to 3 days of remote day shift Live support to the Client command center (8 hours per day)

### **INVISION Interface – Foreign eMPI Query & Response Messaging**

- Deliver and install the software necessary for INVISION to complete a query and response integration with a foreign enterprise master patient index (EMPI). This includes virtual storage access method files, programs and online architecture system items
- Assist Client with the INVISION / foreign EMPI query/response integration which includes:
  - Analysis of each requirement with respect to system modifications and best practices
  - Determination of a functional design for adding appropriate EMPI inquiry process within INVISION system
  - Modification of INVISION inquiry process to utilize the newly created custom programs
  - Providing training of these system modifications
  - Providing unit, and integrated testing of modified pathways to ensure functionality
  - Documentation of above modifications
  - Providing live support
- Deliver Cerner OPENLink interfaces needed to support the INVISION interface Foreign EMPI Query & Response
  Messaging
- Complete virtual telecommunications access method and Client information control system work
- Submit and complete firewall, network address translation and/or routing request
- Complete current state assessment
- Create logical units on Client gateway and test

### Project Assumptions:

- Client resources are available to work with Cerner that are informed and authorized to speak and act on decisions
  regarding current workflow practices and measure attainment
- Cerner will have the appropriate system level access to assess Client design, build, and processes
- Client will provide management of Client resources as is necessary.





### Soarian Clinicals:

- Guide Client through implementation of adding facilities as nurse stations to Client's existing deployed Soarian Clinicals environments using existing pathways, screens, profiles and master files
  - Assist Client with review of existing set up and design to determine need and approach to modifications or new build requirements for the following:
    - Health Care Unit (HCU) organization values
    - Security set up for user groups and roles
    - Service catalog
    - Data dictionary for admission, discharge and transfer (ADT) transactions between INVISION and Soarian Clinicals
    - Service provider departments
    - Orders and results services and forms
    - Medication specific catalogs, medication reconciliation configuration and clinical checking
    - Assessment documents
    - Plans of care
    - Workflow and rules
    - Order sets and CPOE
    - Forms
    - Printer destinations
- Provide guidance and best practices in set up and troubleshooting
- Provide up to 3 days of remote or on-site day shift support to the Client command center for application issue resolution for the Soarian Clinicals (eight (8) hours per day). Support includes the following resources: Soarian Care Process Architect and CPOE Architect

### **Soarian Pharmacy:**

- Guide Client through the workflow design and master file set-up to add facilities as a second site to the existing Soarian Pharmacy production and test environments
- Modify existing Pharmacy inbound and outbound interfaces to support new Pharmacy site
- Customize model Pharmacy labels
- Create drug formulary for the new Pharmacy site and provide custom drug master file download based on a spreadsheet provided by the Client in Cerner's specified format with formulary maintenance transactions pushed to Soarian
- Set up 2 Pharmacy Orders outbound interfaces to Talyst utilizing Point to Point Protocol
- Provide guidance and best practices in set up and troubleshooting
- Provide up to 3 days of remote day shift Live support to the Client command center (8 hours per day)

### **Soarian Document Management:**

- Guide Client through implementation of adding facilities as nurse stations to Client's existing deployed Soarian Document Management environments using existing pathways, screens, profiles and master files
- Configure nurse stations in Soarian Document Management
- Assist Client with device planning
- Assist Client with review of existing document types to determine the need for new document types
- Build up to 5 new document types in Soarian Document Management, if needed
- Assist Client with identifying integration points/interfaces and impacts to filing and bursting rules





- Assist Client with mapping out new workflows for INVISION Patient Management and Patient Accounting as needed
- Define and build new acquisition profile and sets
- · Assist Client with review of existing security configuration and provide recommendations for security changes
- Assist Client with review of signature capture, business office and health information documents against and provide recommendations to Client for changes
- Build minimum content to trigger chart analysis based on Client provided information
- Provide technical specifications to third party vendors to enable auto assignment to documents
- Provide guidance and best practices in set up and troubleshooting
- Provide up to 3 days of remote day shift support to the Client command center for application issue resolution for the Soarian Document Management. Support includes the following resources: Soarian Document Management Architect

### **Decision Support Solutions:**

• Update existing hospital region already running Decision Support Solutions for mainframe and server division code additions including posting files and updating organization codes for the 2 new nurse stations.

### **Client Responsibilities:**

### **INVISION Interface – Foreign eMPI Query & Response Messaging**

Review, test and validate interface and INVISION modifications

### Soarian Clinicals:

- Review existing set up and modify or build new for the following:
  - Health Care Unit (HCU) organization values
  - Security set up for user groups and roles
  - Service catalog
  - Data dictionary for ADT transactions between INVISION and Soarian Clinicals
  - Service provider departments
  - Orders and results services and forms
  - Medication specific catalogs, medication reconciliation configuration and clinical checking
  - Assessment documents
  - Plans of care
  - Workflow and rules
  - Order sets and CPOE
  - Forms
  - Printer destinations
- Configure add on facilities ordering departments as nurse stations including department and sub department lists, as well as service master items for ADT, communication, department referrals, physician consults, diets and nursing orders
- Review draft orders sets and present to Physician Advisory Group for approval prior to build
- Revise order catalogs, allowable values and non-medication order detail forms to validate integration between non-Cerner systems as needed
- Complete necessary changes to Context Sensitive Printing, Event Driven Routing, job scheduler and header/footer tool





### Soarian Pharmacy:

• Client is responsible for generating Drug Utilization report from Talyst

### Soarian Document Management:

- Complete a hardware assessment and validate the number of both high-speed scanners and business office scanning devices required for the implementation and confirm they are compatible with new software for use with Soarian Document Management
- Purchase and deployment of hardware or third-party software as needed for project
- Identify standard document types to be used for signature capture in business office and health information management functions that will be used across the enterprise
- Modify and/or create document types and attributes based on Client requirements
- Provide electronic samples of documents including transcribed result reports, history and physical forms and consent forms that are utilized throughout the enterprise
- Provide criteria to determine the minimum content required to trigger chart analysis
- Build deficiency letters and filters based on Client requirements
- Configure security set up

### **General Assumptions:**

The following General Assumptions frame the scope and work associated with the implementation. These assumptions are not intended to be a definitive list of tasks or responsibilities, but rather include key obligations required to support the mutually agreed upon scope:

- Client will support the Cerner project team's work through completion of the project. This may include, but is not limited to, internet and network access, remote access, security and credentials and/or privileges to the source solution via mutually agreed upon tools and methodology, and administrative support, as appropriate.
- Client resources are available to work with Cerner and are informed and authorized to speak and act on decisions regarding current workflow practices
- Client is responsible for overall project governance including project management and change management
- Client is responsible for build, modifications to existing pathways, screens, profiles and master files unless otherwise stated in this scope of work or sales order. This scope of work and sales order are based on Client making minimal modifications to existing deployed solutions
- Client is responsible for testing, end user training and end user live support unless otherwise stated in this scope of work or sales order
- Scanning for Soarian Document Management will occur at the enterprise level
- Client will utilize current third-party software suppliers unless being replaced by a Cerner system referenced or included in this agreement. Client is solely responsible to evaluate and update their downstream systems based on impacts related to master file changes to Cerner or non-Cerner systems not included in this sales order
- Reimbursable Expenses. Client agrees to reimburse Cerner for the following travel expenses incurred by Cerner in its performance of Services: (a) air travel, not to exceed the coach class rate; (b) auto rentals; (c) lodging; (d) miscellaneous expenses, such as parking, taxi fares, and fuel; and (e) a per diem rate for meals, as published and updated by the U.S. General Services Administration
- Shipping and Handling. Standard shipping and handling fees are payable upon shipment of the applicable Equipment. Additional fees may apply if Client requests expedited shipping. Notwithstanding any other agreement between the





parties regarding shipping terms, the items set forth in this Cerner sales order will be shipped FOB the manufacturer's plant

### **Technology Assumptions**

The following Technology Assumptions frame the scope and work associated with the implementation. These assumptions are not intended to be a definitive list of tasks or responsibilities, but rather include key obligations required to support the mutually agreed upon scope

- Client must have a secure wireless network
- Client workstations will utilize web browser technology to access the Application server to process the majority of its business logic
- An enterprise backup solution is in place for CHO hardware components at Client site that includes the ability to recover data in accordance with Client defined timeframes
- Cerner will enable network communications by completing firewall, Network Address Translation (NAT) and required routing

### CERNER APPLICATION SERVICES CORRECTIONAL FACILITY PROJECT

### SCOPE OF USE LIMITS

DESCRIPTION OF CERNER APPLICATION SERVICES. Cerner, in support of the San Mateo Medical Center's tactical and strategic IT objectives, will provide project services to assist client with the roll-out of solutions to their Correctional facilities. Solutions and facilities are defined in Scope of Use Limits section above.

1.1. Provide application project services through Correctional Facility Project completion. Cerner Application Cerner Services (CAS) will be responsible to perform Client IT tasks as defined in the Table 1 Project Services Responsibility Matrix

1.2. All resources will be remote unless mutually agreed to in advance. The CAS fees set forth in this Sales Order do not include travel, lodging, per diem, or other out-of-pocket expenses incurred by Cerner personnel. Such expenses must be pre-approved by Client and will be billed to Client monthly, as incurred. Any estimates of expenses can change based on variables such as airfare and locations of Client's facility(s).

Scope of Use Metric	Scope of Use Limit
Licensed Software to be implemented	Cerner Soarian Clinicals Pharmacy/Medication Administration Check (MAK) Cerner Soarian Documentation Management (EDM) Cerner OPENLink Healthcare Intelligence (DSS) INVISION Patient Accounting/Patient Management
Production Domains	Use existing SMACC_CA production domains
Non-Production Domains	Use existing SMACC_CA Non-Production Domains
Facilities	Maple Street Correctional Center Maguire Correctional Facility





## CERNER APPLICATION SERVICES CORRECTIONAL FACILITY PROJECT

Project Hours	Up to 3000 service hours to be used toward the roll-out of Cerner solutions to the facilities listed above. Up to 1500 unused service hours as defined in Amendment 1-4VOC9NH (No. 42 Client Internal Reference) in the scope of use limits section can be used toward client implementation activities for the correctional facilities. The remaining 1500 hours will be billed in five(5) equal payments as defined in the payment terms of the agreement. Cerner will provide a monthly report of the hours and remaining balance. Any unused hours can be utilized toward future projects for solutions in scope in Amendment 1-4VOC9NH (No. 42 Client Internal Reference). One-Twelfth of the amount of the unused hours may be used on a monthly basis for a period of 1 year post First Productive Use. Unused hours not used over this 12-month period after FPU will be forfeited. Additional CAS hours to complete the Correctional Facility project, may be purchased as defined in the Scope of Use Expansion Section in Amendment 4VOC9NH (No. 42 Client Internal Reference).
	PROJECT SERVICES RESPONSIBILITY MATRIX

Cerner and Client shall perform the tasks described in the matrix below for items related to implementation of correctional facilities as defined in Scope of Use Limits. Cerner shall only perform these tasks if they are related to the CAS services purchased by Client under the Agreement.

No.	Table 1:	CAS	Oliont
NO.	Project Services	CAS	Client
1.1	Project Services		
1.1.1	Client Project Management		X
1.1.2	Gather requirements and design specifications for solution(s) implementation		X
1.1.3	Participate in requirements and design worksessions and document requirements for solution implementation	Х	Х
1.1.4	Participate in requirements and design worksessions and document requirements for solution implementation		Х
1.1.5	Perform solution building tasks from specifications	Х	
1.1.6	.1.6 Conduct Unit/Regression testing for in-scope solutions		
1.1.7	Troubleshoot and resolve issues identified during unit/Regression testing	Х	
1.1.8	Integrated testing coordination		X
1.1.9	Conduct integrated testing		X
1.1.10	Troubleshoot and resolve issues identified during integrated testing	Х	
1.1.11	Coordinate and execute end-user training		Х
1.1.12	Identify Super Users		Х
1.1.13	Produce CAS project hours report to client on monthly basis	Х	





### **EXHIBIT C - SMC HEALTH CLIENT EXPANSION PROJECT**

### SMC Health Client Expansion Project

**Client Expansion:** The following two facilities will be added to San Mateo County Medical Center's existing deployed Cerner solutions:

- Maguire Correctional Facility
- Maple Street Correctional Center

**Approach**: The facilities will be added as nurse stations to each of the Cerner solutions listed below including existing deployed inbound and outbound interfaces, except for Soarian Pharmacy; Soarian Pharmacy will have the two facilities set up as a second site to the existing Soarian Pharmacy production and test environments. The EMPI will be also be enabled and the Talyst medication packaging/ dispensing system will also be deployed.

Additional information on the approach to implement Soarian in the Correctional Health facilities is included below. Information on the configuration and key elements of the EHR are also included. Areas of the project that require additional discovery and discussion are referenced as well.

Invision is adaptable in this setting and supports building CHS out as a nurse station or as separate facilities. A new instance of Invision is a significant effort, but it can be done in a separate database; it would be treated as a net-new implementation and require pathways and integration. Invision can also treat CHS as a nurse station in the current environment. This statement of work assumes CHS and SMMC are within the same system and environment. Location adaptation is: Nurse Station/Room/Bed = Facility/Pod/Cell. The character field lengths allow for flexibility around detailing the location assignments.

Division code processing within INVISION provides flexibility for CHS patients to be isolated from the patient population. The division code is assigned at the room/bed level during the build. Division code processing can be used in Patient Management to restrict user access for patients on the CHS unit, and for Patient Accounting to partition data for reporting purposes. The current scope includes hours to update existing model and adhoc reports in patient accounting to reflect the design changes. The division code is recognized by DSS and can be used to exclude CHS from SMMC operational reports. Additional rules built within Patient Accounting will prevent CH services from sending a claim.

The following areas of the project will need to be further defined and will have an impact to scope. Notes to help with these discussions are included.

### Patient Management (Registration/ADT)

- Patient ID barcode generated at registration, required for MAK
  - Inmate bracelet No barcode presents today on existing wristband. There is real estate to do it. Assumption is that the barcode will go on the existing wristband.
- Inmate Movement Location/transfers are maintained in ATIMS (Sheriff's Department inmate management system); patients move around in the jails and the Talyst machines package/dispense by location/patient; therefore, locations updates need to be sent to Talyst preferably via an automated process. The objective is to automate this process as described below, unless it cannot be done:
  - INVISION needs the location updates from ATIMS, but ATIMS cannot support HL7 formatting
  - <u>Automated</u> flat file from ATIMS to Invision, likely not real-time. How frequent are the transfers and how frequently can ATIMS send an update? When are med passes and can there be alignment with the transfer schedule?





- <u>Manual</u> develop a manual update process via Invision with each transfer. How frequent are the inmate transfers?
- Workflow and Process: Additional key areas that will be defined during the implementation include: Release/Discharge – determine process to update INVISION when patient is released from County Corrections. How is CHS notified? What is the average number of releases per day?
- SMMC Admissions Will need to define and document process when a patient requires admission to SMMC. What status is updated in INVISION? How does it impact the SMMC? What is available to the provider from the CHS record? Consider billing requirements, and how is the patient transferred back to CHS or released after SMMC encounter?

### **Soarian Clinicals Pharmacy/MAK**

- Medication Fulfillment Process: Cerner recommends the cart fill process to support barcoded medication administration for non-Talyst medications and has successfully implemented this in correctional health. For the purposes of this SOW, it assumed that the cart fill process or similar will be used for all non-Talyst medications. If there is a decision to continue with Blisterpaks, additional expenses may be incurred.
- Pharmacy can support CHS orders and generate a retail pharmacy label if the decision to continue using blisterpaks is made; it should be noted, however, that tablets/capsules must be dispensed in unit dose packaging to support the barcoded medication administration process. Blisterpaks do not support the barcoded medication administration process.
- Multi-site processing allows CHS to be built as a separate site from the hospital in the Soarian pharmacy system. This
  will keep the CHS formulary separate from the Medical Center's formulary in the drug file so as not to create confusion
  when performing order entry. A separate formulary is required to support unique NDC numbers across
- Medication Orders: CHS formulary will be available in Soarian Clinicals. Ordersets (assume a maximum of 25) will be created and pre-defined orders will be added to the scope. Existing order sets will be reviewed for use in CHS. Medication orders are placed using the CHS formulary and based on their location.

### Soarian Enterprise Document Management/HIM

At the discretion of the HIM director, medical records for CHS will be stored and accessed within EDM. Several processes need to be discussed to determine if a separate DM is needed for CHS, and any processes that can be replicated for CHS. Further discussion is needed to determine the requirements for EDM. Areas to consider when determining this are below:

- Security/Access Are these records treated differently than SMMC?
- Confidentiality Drug MediCal AoD programs how are these records handled? Legal Health Record Has this been defined for the health system?
- Retention requirements Are these shared between CHS and SMMC?
- Scanning workflow how many paper documents estimated daily once the EMR is live (only scan what is required)
- Deficiency reporting
- Doc Types model/non-model

### Cerner Solutions included in this Statement of Work:

- INVISION Patient Management
- INVISION Patient Accounting
- Soarian Clinicals
- Soarian Pharmacy/MAK
- Soarian Document Management
- Decision Support Solution

### Estimated Project Duration: Six (6) months





### **Responsibilities:**

The Cerner Consulting Engagement Leader is responsible for the following:

- Provide project management oversight of assigned Cerner consulting tasks and resources
- Secure and schedule Cerner resources based on a mutually agreed to project timeline
- Facilitate escalations as needed and ensure timely resolution
- Participate remotely in project status conference calls; participate in onsite meetings based on project escalations if the project moves into an orange or red status
- Provide project status updates

Below is an Accountability Matrix with known project tasks and the associated organization responsible for those tasks. The organizations contained in the matrix include:

CS: Custom Serv	vices
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CCS: Cerner Consulting Services

CAS: Cerner Application Services

SMCH: San Mateo County Health, which may include resources from SMMC IT Department, BRHS IT Department, HIT, SMMC Operations and Correctional Health Staff. Other county departments such as ISD and the Sheriff's Office may also need to be consulted by SMC Health.

Торіс	CS	CCS	CAS	SMCH		
Project Management and General Project Responsibilities:						
Provide Project Management Services		$\checkmark$		$\checkmark$		
Assemble workgroups and schedule meetings for worksessions				$\checkmark$		
Lead workflow discussions, and requirements and design requirements and design specifications workgroups for solution(s) implementation		$\checkmark$				
Configure required workflow decisions			$\checkmark$			
Gather and approve requirements and design specifications as requested				$\checkmark$		
Participate in associated workgroups		$\checkmark$	$\checkmark$	$\checkmark$		
Configure, modify and build solution			$\checkmark$			
Coordinate change control activities			$\checkmark$			
CHS to participate in existing change control process				$\checkmark$		
Conduct Unit/Regression testing for in-scope solutions			$\checkmark$	$\checkmark$		
Troubleshoot and resolve issues identified during Unit/Regression testing			$\checkmark$	$\checkmark$		





Guide Client and provide best practices through Integrated testing strategy, test script development and testing coordination		$\checkmark$		
Validate Integrated testing results				$\checkmark$
Troubleshoot and resolve issues identified during Integrated testing			$\checkmark$	
Provide Train the trainer sessions in varying workflows to SMMC trainers; advise on changes needed to standard training materials		$\checkmark$		
Coordinate and execute end-user training				$\checkmark$
Identify Super Users				$\checkmark$
Provide Go-live and Command Center strategy guidance		$\checkmark$		
Assist in preparing cutover planning activities		$\checkmark$	$\checkmark$	
Support go-live with up to 3 days of remote or onsite or onsite day-shift support to the Client Command Center (8hrs/day) - INVISION Patient Management and Patient Accounting, Soarian Clinicals/MAK)		$\checkmark$	V	
Support go-live with remote application resource support x 3 days (Pharmacy, EDM)		$\checkmark$	$\checkmark$	
Produce CAS project hours report to Client on monthly basis			$\checkmark$	
Custom Services to provide knowledge transfer to client as necessary	$\checkmark$			
INVISION Patie	nt Manageme	nt:		
Provide guidance and best practices in set up and troubleshooting of INVISION Patient Management		$\checkmark$		
Lead workgroups regarding adding facilities as nurse stations to Client's existing deployed INVISION environment; communicate facility requirements needed; inform Client of negative impacts to existing build		$\checkmark$		
Collect facility requirements				$\checkmark$
Participate in associated workgroups		$\checkmark$	$\checkmark$	$\checkmark$
Add facilities as nurse stations to Client's existing deployed INVISION environment using existing pathways, screens, profiles and master files			$\checkmark$	
Lead workgroups to guide Client, as needed, in defining changes needed to the OAS profile, master files, VSAM files, screens and pathways to support the new nurse stations and implementation of division code processing; communicate information and decisions required; inform Client of negative impacts to existing build		V		





Collect information required for changes needed to the OAS profile, master files, VSAM files, screens and pathways to support the new nurse stations and implementation of division code processing		V		
Participate in associated workgroups		$\checkmark$	$\checkmark$	$\checkmark$
Modify as needed the OAS profile, master files, VSAM files, screens and pathways to support the new nurse stations and implementation of division code processing			$\checkmark$	
ATIMS integration with NextGate eMPI				$\checkmark$
Education and Training:				
<ul> <li>Train the trainer (CCS)</li> </ul>		$\checkmark$		$\checkmark$
<ul> <li>End-user training (SMCH)</li> </ul>				
INVISION Pati	ent Accountin	g:		
Provide guidance and best practices in set up and troubleshooting of INVISION Patient Accounting		$\checkmark$		
Lead workgroups regarding adding facilities as nurse stations to Client's existing deployed INVISION environment; communicate facility requirements needed; inform Client of negative impacts to existing build		$\checkmark$		
Collect facility requirements				$\checkmark$
Participate in associated workgroups		$\checkmark$	$\checkmark$	$\checkmark$
Add facilities as nurse stations to Client's existing deployed INVISION environment using existing pathways, screens, profiles and master files			$\checkmark$	
Identify model division code components within impacted profiles and master files; identify ad hoc reporting requirements specific to the reporting of data at the facility/division level;		$\checkmark$	$\checkmark$	
Lead workgroups for model division code components within impacted profiles and master files and ad hoc reporting requirements specific to the reporting of data at the facility/division level; communicate and escalate any concerns regarding negative impacts to existing build/reports		V		
Make required design decisions needed for division code processing build/reports				$\checkmark$
Participate in associated workgroups		$\checkmark$	$\checkmark$	$\checkmark$
Configure, modify and build solution and reports based on design decisions made			$\checkmark$	
INVISION Interface: Foreign eMPI Query and Response Messaging:				





Note: Custom Services, Custom Interfaces, will deliver and install the software necessary for INVISION to complete a query and response integration with a foreign enterprise master patient index (eMPI). This includes virtual storage access method files, programs and online architecture system items.			
Complete current state assessment	$\checkmark$	$\checkmark$	
Deliver Cerner OPENLink interfaces needed to support the INVISION interfaces – Foreign eMPI Query and Response Messaging	$\checkmark$		
Complete virtual telecommunications access method and Client information control system work	$\checkmark$		
Submit and complete firewall, network address translation and/or routing request	$\checkmark$		
Create logical units on Client gateway and test	$\checkmark$		
Assist Client with the INVISION / foreign eMPI query/response integration which includes:			
Analysis of each requirement with respect to system modifications and best practices			
Determination of a functional design for adding appropriate eMPI inquiry process within INVISION system			
<ul> <li>Modification of INVISION inquiry process to utilize the newly created custom programs</li> </ul>	$\checkmark$		
Providing training of these system modifications			
Providing unit, and integrated testing of modified pathways to ensure functionality			
Resolving identified issues discovered during testing of modified pathways to ensure functionality			
Documentation of above modifications Providing live support			
Soarian	Clinicals:		
Provide guidance and best practices in set up and troubleshooting		$\checkmark$	
Lead workgroups regarding adding facilities as nurse stations to Client's existing deployed Soarian Clinicals environments using existing pathways, screens, profiles and master files; inform Client of negative impacts to existing build		1	





Configure add on facilities ordering departments as nurse stations including department and sub department lists, as well as service master items for ADT, communication, department referrals, physician consults, diets and nursing orders		$\checkmark$	
Participate in associated workgroups	$\checkmark$	$\checkmark$	$\checkmark$
Make required design decisions needed for workflow and content			$\checkmark$
Modify or create policies and procedures to address changes in workflow or content			$\checkmark$
Configure, modify and build solution based on workflow and content decisions		$\checkmark$	
Assist Client with review of existing set up and design to determine need and approach to modifications or new build requirements for the following:			
Health Care Unit (HCU) organization values			
Security set up for user groups and roles			
Service catalog			
<ul> <li>Data dictionary for admission, discharge and transfer (ADT) transactions between INVISION and Soarian Clinicals</li> </ul>			
Service provider departments			
Orders and results services and forms			
<ul> <li>Order catalogs, allowable values and non-medication order detail forms to validate integration between non- Cerner systems as needed</li> </ul>	$\checkmark$		
Medication specific catalogs, medication reconciliation configuration and clinical checking			
Assessment documents			
■ Plans of care			
Workflow and rules			
Order sets and CPOE			
■ Forms			
Printer destinations			
Review draft orders sets with designated Advisory Group(s) for approval prior to build			$\checkmark$
Make required design decisions needed for workflow and content			$\checkmark$
Configure, modify and build solution based on workflow and content decisions		$\checkmark$	





Complete necessary changes to Context Sensitive Printing, Event Driven Routing, job scheduler and header/footer tool			$\checkmark$	
Provide up to 3 days of remote day shift support to the Client command center for application issue resolution for the Soarian Clinicals. Support includes the following resources: Soarian Care Process Architect and CPOE Architect		V	V	
Education and Training:				
<ul> <li>Train the trainer (CCS)</li> </ul>		$\checkmark$		$\checkmark$
<ul> <li>End-user training (SMCH)</li> </ul>				
	armacy/MAK:			
Provide guidance and best practices in set up and troubleshooting of Soarian Pharmacy/MAK		$\checkmark$		
Lead workgroups and guide Client through the workflow design and master file set-up to add facilities as a second site to the existing Soarian Pharmacy Production and Test environments; inform Client of negative impacts to the existing build		$\checkmark$		
Create drug formulary for the new Pharmacy site and provide custom drug master file download based on a spreadsheet provided by the Client in Cerner's specified format with formulary maintenance transactions pushed to Soarian.			$\checkmark$	
Client to provide drug file from existing pharmacy system				$\checkmark$
Modify existing Pharmacy inbound and outbound interfaces to support new Pharmacy site	$\checkmark$			
Set up Pharmacy Orders outbound interface to Talyst utilizing Point to Point Protocol X 2 TBD	$\checkmark$			
Determine the best method for automating inmate locations in Soarian/Talyst from ATIMS (jail management system), whether via interface, flat file or manually; complete necessary work for automating inmate locations	$\checkmark$	$\checkmark$		
Customize model Pharmacy labels based on decision made regarding cart fill vs blister pacs for non-Talyst medications	$\checkmark$	$\checkmark$		
Generating Drug Utilization report from Talyst; determine, monitor and manage Talyst inventory				$\checkmark$
Participate in associated workgroups		$\checkmark$	$\checkmark$	$\checkmark$
Make required design decisions needed for workflow and content				$\checkmark$





Configure, modify and build solution based on workflow and content decisions			$\checkmark$	
*Assumption that Client will address Talyst and non- Talyst medication dispensing and barcoding system and process change requirements to support barcoded medication administration; labels that meet California regulatory requirements for non-Talyst medications are included as part of this SOW.				
*For the purposes of this SOW, it is assumed that the cart fill process or similar will be used. If there is a decision to continue with Blister paks, additional expenses may be incurred outside of the labels and BCMA may not be supported.				
М	AK:			
Lead workgroups on barcoded medication administration to include advising Client on barcoding scanning equipment requirements, barcoding inmates' wristbands and barcoding medications. Support discussions on end user devices appropriate for use in a correctional facility given the facility and patient population constraints.		V		
Participate in associated workgroups		$\checkmark$	$\checkmark$	$\checkmark$
Make required design decisions needed for workflow and content				$\checkmark$
Configure, modify and build solution based on workflow and content decisions			$\checkmark$	
*Assumption that patient barcode will be added to existing wristband				
Education and Training:				
<ul> <li>Train the trainer (CCS)</li> </ul>		$\checkmark$		$\checkmark$
<ul> <li>End-user training (SMCH)</li> </ul>				
Soarian Docum	ent Manageme	ent:		
Provide guidance and best practices in set up and troubleshooting		$\checkmark$		
Participate in associated workgroups		$\checkmark$	$\checkmark$	$\checkmark$
Make required design decisions needed for workflow and content				$\checkmark$
Configure, modify and build solution based on workflow and content decisions			$\checkmark$	





Lead workgroups with Client and guide them through the decisions required for adding facilities as nurse stations to Client's existing deployed Soarian Document Management environments using existing pathways, screens, profiles and master files		V		
Configure nurse stations in Soarian Document Management			$\checkmark$	
Assist Client with device planning; provide recommendations regarding the number and placement of devices to best meet business and clinical needs		$\checkmark$		
Complete a hardware assessment and validate the number of both high-speed scanners and business office scanning devices required for the implementation and confirm they are compatible with new software for use with Soarian Document Management				$\checkmark$
Purchase and deployment of hardware or third-party software as needed for project				$\checkmark$
Identify standard document types to be used for signature capture in business office and health information management functions that will be used across the enterprise		$\checkmark$		$\checkmark$
Modify and/or create document types and attributes based on Client requirements			$\checkmark$	
Review of existing document types with Client to determine the need for new document types		$\checkmark$		
Provide electronic samples of documents including transcribed result reports, history and physical forms and consent forms that are utilized throughout the enterprise				$\checkmark$
Advise on criteria to determine the minimum content required to trigger chart analysis		$\checkmark$		$\checkmark$
Build deficiency letters and filters based on Client requirement			$\checkmark$	
Configure security set up			$\checkmark$	
Build up to five (5) new document types in Soarian Document Management, if needed			$\checkmark$	
Identifying integration points/interfaces and impacts to filing and bursting rules		$\checkmark$	$\checkmark$	
Configure, modify and/or build integration points/interfaces if required	$\checkmark$		$\checkmark$	
Map out new workflows for INVISION Patient Management and Patient Accounting as needed for change management purposes		$\checkmark$		
Assist in workflow discussions and mapping as needed for subject matter expertise				$\checkmark$





Define new acquisition profile and sets		$\checkmark$	$\checkmark$		
Build new acquisition profile and sets			$\checkmark$		
Review existing security configuration and provide recommendations for security changes		$\checkmark$			
Review of signature capture, business office and health information documents and provide recommendations to Client for changes		$\checkmark$			
Build minimum content to trigger chart analysis based on Client provided information			$\checkmark$		
Provide technical specifications to third party vendors to enable auto assignment to documents		$\checkmark$			
Provide up to 3 days of remote day shift support to the Client command center for application issue resolution for the Soarian Clinicals. Support includes the following resources: Soarian Document Management Architect			$\checkmark$		
*Assumption that scanning for Soarian Document Management will occur at the enterprise level (one EDM at the medical center)					
Decision Support Solutions:					
Add division code additions to existing Decision Support Solutions and Mainframe for two nurse stations		$\checkmark$			
Validate reporting changes made because of project			$\checkmark$	$\checkmark$	
Back-up Solution (Downtime Procedures):					
Align existing processes					
Support discussions around aligning processes in place to support planned and unplanned downtime occurrences		$\checkmark$			

### **General Assumptions:**

The following General Assumptions frame the scope and work associated with the implementation. These assumptions are not intended to be a definitive list of tasks or responsibilities, but rather include key obligations required to support the mutually agreed upon scope:

• Client will provide commercially reasonable support to the Cerner project team through completion of the project. This may include, but is not limited to, internet and network access, remote access, security and credentials and/or privileges to the source solution via mutually agreed upon tools and methodology, and administrative support, as appropriate.





- Client resources are available to work with Cerner and are informed and authorized to speak and act on decisions
  regarding current workflow practices.
- Client is responsible for overall project governance including project management and change management.
- Inmate bracelet –Assumption is to add the barcode will to the existing wristband.
- This SOW assumes that we will create a flat file from ATIMS to Invision, likely not real-time and is included in SOW
  pricing.
- Client will address Talyst and non-Talyst medication dispensing and barcoding system and process change
  requirements to support barcoded medication administration; labels that meet California regulatory requirements for
  non-Talyst medications are included as part of this SOW.
- For the purposes of this SOW, it assumed that the cart fill process or similar will be used. If there is a decision to continue with Blister paks, additional expenses may be incurred.
- Client is responsible for integrated testing and end user training and indicated above in this document and end user live support in addition to remote application services support as indicated above in this document, as well as on-site Consulting Services support as indicated above in this document. SMMC will provide nursing, provider and registration training; empi train the trainer training will be provided.
- Cerner Application Services is responsible for build, modifications to existing pathways, screens, profiles and master files unless otherwise stated in this scope of work or sales order. This scope of work and sales order are based on Client making minimal modifications to existing deployed solutions.
- Scanning for Soarian Document Management will occur at the enterprise level.
- Scheduling is outside the scope of this project.
- Client will utilize current third-party software suppliers unless being replaced by a Cerner system referenced or included in this agreement Client is solely responsible to evaluate and update their downstream systems based on impacts related to master file changes to Cerner or non-Cerner systems not included in this sales order.
- Reimbursable Expenses. Client agrees to reimburse Cerner for the following travel expenses incurred by Cerner in its performance of Services: (a) air travel, not to exceed the coach class rate; (b) auto rentals; (c) lodging; (d) miscellaneous expenses, such as parking, taxi fares, and fuel; and (e) a per diem rate for meals, as published and updated by the U.S. General Services Administration
- Shipping and Handling. Standard shipping and handling fees are payable upon shipment of the applicable Equipment. Additional fees may apply if Client requests expedited shipping. Notwithstanding any other agreement between the parties regarding shipping terms, the items set forth in this Cerner sales order will be shipped FOB the manufacturer's plant.

### **Technology Assumptions**

The following Technology Assumptions frame the scope and work associated with the implementation. These assumptions are not intended to be a definitive list of tasks or responsibilities, but rather include key obligations required to support the mutually agreed upon scope.

- Client must have a secure wireless network.
- Client workstations will utilize web browser technology to access the Application server to process most of its business logic.
- An enterprise backup solution is in place for CHO hardware components at Client site that includes the ability to recover data in accordance with Client defined timeframes.
- Cerner will enable network communications by completing firewall, Network Address Translation (NAT) and required routing.





## **EXHIBIT D - EVENT ACTIVITY REPORT**

Client:	San Mateo Medical Center	
	222 W 39Th Avenue	
	San Mateo, CA 94403-4364 USA	
Subject:	Solution Delivery	
Document ID:	1-4U0HNSV	
	San Mateo, CA 94403-4364 USA Solution Delivery	

This Event Activity Report ("EAR") serves as confirmation that delivery has occurred of the solutions set forth below. This delivery event does not include customization or implementation of such solutions.

Solution Family	Solution Code	Solution Description
Cerner Open Port Interfaces	07581200	Custom Bi-directional Interface
OpenLink	07586097	Cerner OPENLink Engine Base Fee Perpetual License
OpenLink	07591980	Cerner OPENLink Engine Variable Fee Perp License
PDI Software	07638302	Teleform Enterprise Software Annual Maintenance
Pharmacy and MAK	07597870	Non-MS4 Pharmacy Variable Fee Subscription
Pharmacy and MAK	07597813	Non-MS4 Med Admin Check Variable Fee Sub
Soarian Clinicals	07593531	Cerner Soarian Clinical Access Subscription
Soarian Clinicals	07603561	Cerner Soarian Clinical Team Subscription
Soarian Clinicals	07603553	Cerner Soarian Common Clinical V2.0 Subscription
Soarian Clinicals	07603579	Cerner Soarian Physician Subscription
Enterprise Document Management	07636181	Cerner Soarian Doc Management Base 1 CU Subscription
Enterprise Document Management	07637411	Cerner Soarian Doc Mgmt Auto Scanning Mgmt 1 Bed Sub
Enterprise Document Management	07637957	Cerner Soarian Doc Mgmt Completion Mgmt 1 Bed Sub
Decision Support	07626810	Decision Support Solutions Financial Add-on V05 Subscription
Decision Support	07626729	Decision Support Solutions Base V05
Decision Support	07626810	Decision Support Solutions Financial Add-on V05 Subscription

I acknowledge that delivery of these solutions occurred on \_\_\_\_\_

(Date)

The following signature represents completion of this delivery event.

(type or print)

ACCEPTED FOR SAN MATEO MEDICAL CENTER

By:

Title :

