



CERNER SYSTEM SCHEDULE NO. 20

This Cerner System Schedule is made on October 1, 2018 ("Effective Date"), between

County of Ventura ("Client")

and

Cerner Corporation ("Cerner")

a California government agency with its principal place of business at:

a Delaware corporation with its principal place of business at:

800 S Victoria Ave
Ventura, CA 93009-0001, USA
Telephone: (805) 677-5110

2800 Rockcreek Parkway
Kansas City, MO 64117, U.S.A.
Telephone: (816) 221-1024

This Cerner System Schedule includes the sections noted below. Client agrees to purchase the products and services set forth herein, and Cerner agrees to furnish such products and services, upon the terms and conditions of this Cerner System Schedule and the Cerner Business Agreement, dated July 01, 2016, between Client and Cerner (the "Agreement").

- Facilities
- Payment Terms
- Term and Termination
- Pass-Through Provisions
- Assignment of Payments
- Financial Overview
- Solutions and Services
- Additional Terms and Provisions
- Scope of Services
- Equipment Delivery
- Execution Invoice

COUNTY OF VENTURA

CERNER CORPORATION

By: _____
(signature)

By: _____

(type or print)

Teresa Waller

Title: _____

Title: Senior Director, Contract Management

Purchase Order #: _____
(if applicable)

Project Kick-off requested the week of: _____

Client will complete the following upon execution of this Cerner System Schedule:

Client Invoice Contact: _____

Contact Phone #: _____

Contact E-mail Address: _____

Client's account can be managed online at cerner.com by registering for Cerner eBill. To gain access to eBill, contact the Cerner Client Care Contact Center at 866-221-8877 or e-mail ClientCareCenter@cerner.com.

PERMITTED FACILITIES

For use and access by these facilities:

Name	Address	City	State/ Province	Zip/Postal Code	Country
County of Ventura	800 S Victoria Ave	Ventura	CA	93009-0001	USA

PAYMENT TERMS**LICENSED SOFTWARE**

One-Time Fees. No fees are due from the Client for the one-time Licensed Software fees.

SOFTWARE SUPPORT

Monthly Fees. No fees are due from the Client for monthly Support fees.

MANAGED SERVICES

One-Time Fees. The one-time managed services fees will be paid on the Effective Date.

Monthly Fees. The monthly managed services fees are payable quarterly beginning on the Effective Date.

PROFESSIONAL SERVICES

Fixed Fee. Fifty percent (50%) of the total professional services fees will be paid on the Effective Date. The remaining 50% is payable upon First Productive Use.

Fee for Service. Professional services provided on a "time and materials" basis will be billed monthly at the rates set forth in the "Solutions and Services" section.

EQUIPMENT AND SUBLICENSSED SOFTWARE

One-Time Fees. The one-time Equipment/Sublicensed Software fees are payable upon shipment of the Equipment/Sublicensed Software.

INSTALLATION

One-Time Fees. The one-time installation fees are payable upon shipment of the applicable Equipment/Sublicensed Software.

EQUIPMENT AND SUBLICENSSED SOFTWARE MAINTENANCE

Initial Fees. The total amount of the extended initial Maintenance fees will be paid upon shipment of the applicable Equipment/Sublicensed Software.

Ongoing Fees. The total amount of the extended ongoing Maintenance fees are payable annually, beginning upon shipment of the applicable Equipment/Sublicensed Software, or directly following the completion of the initial term.

FEE INCREASES

Cerner may increase the monthly fee for Support services and each recurring service (such as managed services, application services, subscription services, application management services, employer services, transaction services, and Shared Computing Services) any time following the initial twelve (12) month period after such recurring service fees begin (but not more frequently than once in any twelve (12) month period) by giving Client sixty (60) days prior written notice of the price increase. The amount of such annual increase will equal the lesser of CPI or 3% per annum. Cerner may also increase the fees at any

time during the term if a Cerner third party 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.

TERM AND TERMINATION

Software Support. Support services begin on the Effective Date, and continue until terminated pursuant to the Agreement.

Equipment and Sublicensed Software Maintenance. Maintenance warranties, if any, begin on the earlier of installation, or 30 days after shipment of the equipment and/or sublicensed software. Maintenance services will continue for an initial term of twelve (12) months, or such longer period as set forth in the "Solutions and Services" section of this Cerner System Schedule. Client has the option to renew Maintenance services for additional periods of the same duration. Cerner agrees to notify Client ninety (90) days prior to the end of the then-current term of its expiration Client shall notify Cerner of its intent to terminate Maintenance services with written notification of its intent to terminate Maintenance no less than thirty (30) days prior to the expiration of the then-current period. Cerner may terminate Maintenance services if Client fails to pay invoices for Maintenance. All unpaid charges for Maintenance will be immediately due and payable upon such termination. Client will pay all applicable penalties or fees if Maintenance services are terminated, then later reinstated.

Other Services. All recurring services (such as managed services, application services, subscription services, application management services, employer services, transaction services, and Shared Computing Services) begin on the Effective Date, and continue for the term set forth in the "Solutions and Services" section. At the end of the applicable term the parties have the option to renew for additional 12 month periods at the rate charged in the final period of the then-current term, unless either party provides the other party with written notification of its intent to terminate the relevant service no less than 60 days prior to the expiration of the applicable then-current term. Cerner agrees to notify Client ninety (90) days prior to the end of the then-current term of its expiration.

PASS-THROUGH PROVISIONS

Where pass-through provisions are applicable to third party products and services, these provisions are referenced by a pass-through code in the "Solutions and Services" section of this Cerner System Schedule, and that code can be entered at <https://passthroughprovisions.cerner.com/> to view the pass-through provisions. These pass-through provisions are incorporated into this Cerner System Schedule by reference.

ASSIGNMENT OF PAYMENTS

Client agrees that Cerner may assign its interest in or otherwise grant a security interest in payments due pursuant to this Cerner System Schedule in whole or in part to an assignee. Client will promptly acknowledge each assignment or granting of a security interest. Cerner will continue to perform its obligations under the Agreement following such assignment or granting of a security interest.

FINANCIAL OVERVIEW

Description	One-Time Fees	Monthly Fees	Annual Fees
Licensed Software	0.00	-	-
Software Support	-	0.00	-
Managed Services	6,800.00	1,800.00	-
Professional Services			
Fixed Fee	61,910.00	-	-
Fee For Service	0.00	-	-
Sublicensed Software	93,643.14	-	-
Installation	1,529.00	-	-
Equipment and Sublicensed Software Maintenance			
Year 1	-	-	10,715.88
TOTALS:	163,882.14	1,800.00	10,715.88

All prices in this Cerner System Schedule are shown in US Dollar (USD).

SOLUTIONS AND SERVICES

LICENSED SOFTWARE

Solution Code	Description	Qty	Scope	One-Time Fees	Monthly Support Fees	Solution Description Code	Pass-Through Code
Quote: Enhancement-FSI (1-14017733026-R-1)							
IF-29035	Appointment Notifications Incoming	1	Full Time Equivalents (FTEs)	0	0	SD100104_01	
IF-29235	Patient Problems Outgoing	1	Full Time Equivalents (FTEs)	0	0	SD100905_01	

MANAGED SERVICES

Solution Code	Description	Qty	Scope	Monthly Range	Term (Mo)	One-Time Fees	Monthly Fees	Solution Description Code	Pass-Through Code
Quote: Technology - RHO (Dentrix) (1-13373845250-R-1)									
CW-RHO-NC-1TIME	RHO One Time Fee-Non Cerner Solutions	1	Each			6,800			10400_MSR
CW-RHO-NC-RECUR	RHO Recurring Fee-Non Cerner Solutions	1	Each	1 to 60	60		1,800		10400_MSR

PROFESSIONAL SERVICES

Phase	Project	**Bill Type	Solution	Rate	Metric	Qty	Fees	Pass-Through Code
Quote: Enhancement-FSI (1-14017733026-R-1)								
1	Prof Services	FFS	Implementation Services					
			HNAM Custom Services - Interface Architect		Hour	120	0	
			HNAM Custom Services - System Engineer-FSI		Hour	980	0	

Phase	Project	**Bill Type	Solution	Rate	Metric	Qty	Fees	Pass-Through Code
Quote: Technology - Dentrix - Ventura (1-13992937331-R-1)								
1	TP Schein AMT	FF	Project Manager				14,430	61200_HSP
1	TP Schein AMT	FF	DXE Tester				11,670	61200_HSP
1	TP Schein AMT	FF	DXE HL7 Architect				8,753	61200_HSP
1	TP Schein AMT	FF	TechCentral Resource				5,592	61200_HSP
1	TP Schein AMT	FF	DXE Trainer				21,465	61200_HSP

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

Professional services pricing is valid until November 22, 2018. If a Cerner System Schedule 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 Cerner System Schedule has been executed by both parties and processed by Cerner.

EQUIPMENT

Line #	Solution Code	Description	Qty	Scope	Unit One-Time Fees	Extended One-Time Fees	Install Fees	Solution Description Code	Pass-Through Code
Quote: Technology - Dentrix - Ventura (1-13992937331-R-1)									
16	189-7163	Dentrix Ent Standard Database Conversion Per DB	1	Each			1,529.00		61200_HSP

At the time of the actual order, Cerner may substitute individual equipment items listed above based on availability and technological advancements. Cerner and Client may also agree to replace certain equipment items with other Cerner offerings. If the substitution items result in an increase in fees, Cerner and Client will discuss the fee increase prior to ordering such items. Cerner will not schedule resources for installation until this Cerner System Schedule has been executed by both parties and processed by Cerner.

SUBLICENSSED SOFTWARE

Line #	Solution Code	Description	Qty	Scope	Unit One-Time Fees	Extended One-Time Fees	Install Fees	Monthly Support Fees	Solution Description Code	Pass-Through Code
Quote: Technology - Dentrix - Ventura (1-13992937331-R-1)										
1	189-7051	Dentrix Enterprise Foundation	1	Each	22,901.96	22,901.96				61200_HSP
2	189-7052	Dentrix Enterprise 5 CAL Pack (2-50)	2	Each	9,317.65	18,635.30				61200_HSP
3	189-7153	Dentrix Enterprise HL7 Interface engine	1	Each	10,980.39	10,980.39				61200_HSP
4	189-7270	HL7 Interface Messaging: ADT Inbound	1	Each	4,340.00	4,340.00				61200_HSP
5	189-7240	HL7 Interface Messaging: DFT Outbound	1	Each	4,340.00	4,340.00				61200_HSP
6	189-7241	HL7 Interface Messaging: SIU Inbound	1	Each	4,340.00	4,340.00				61200_HSP
7	189-7242	HL7 Interface Messaging: SIU Outbound	1	Each	4,340.00	4,340.00				61200_HSP
8	189-7244	HL7 Interface Messaging: MDM Outbound (clinical notes)	1	Each	4,340.00	4,340.00				61200_HSP
9	189-7245	Dentrix Enterprise HL7 Message - In-bound MFN	1	Each	5,000.00	5,000.00				61200_HSP
10	189-7247	HL7 Interface Messaging: ORU Inbound	1	Each	4,340.00	4,340.00				61200_HSP
11	189-7249	HL7 Interface Messaging: ORM Inbound	1	Each	4,340.00	4,340.00				61200_HSP
12	189-7251	HL7 Interface Messaging: RDE Inbound	1	Each	4,340.00	4,340.00				61200_HSP
13	189-7600	MIPACS Bridge	1	Each	1,405.49	1,405.49				61200_HSP

EQUIPMENT AND SUBLICENSSED SOFTWARE MAINTENANCE

Line #	Manufacturer Part #	Description	Level of Service	Qty	Initial Maint Term (Mo)	Extended Initial Maintenance Fees	On-going Maint Term (Mo)	Extended Ongoing Maintenance Fees
Quote: Technology - Dentrix - Ventura (1-13992937331-R-1)								
1	189-7051	Dentrix Enterprise Foundation	9X5 M-F Phone Support	1	0	0.00	12	3,664.32
2	189-7052	Dentrix Enterprise 5 CAL Pack (2-50)	9X5 M-F Phone Support	2	0	0.00	12	596.40
3	189-7153	Dentrix Enterprise HL7 Interface engine	9X5 M-F Phone Support	1	0	0.00	12	1,756.92
4	189-7270	MNT: HL7 Interface Messaging: ADT Inbound	9X5 M-F Phone Support	1	0	0.00	12	587.28
5	189-7240	MNT: HL7 Interface Messaging: DFT Outbound	9X5 M-F Phone Support	1	0	0.00	12	587.28
6	189-7241	MNT: HL7 Interface Messaging: SIU Inbound	9X5 M-F Phone Support	1	0	0.00	12	587.28
7	189-7242	MNT: HL7 Interface Messaging: SIU Outbound	9X5 M-F Phone Support	1	0	0.00	12	587.28
8	189-7244	MNT: HL7 Interface Messaging: MDM Outbound (clinical notes)	9X5 M-F Phone Support	1	0	0.00	12	587.28
10	189-7247	MNT: HL7 Interface Messaging: ORU Inbound	9X5 M-F Phone Support	1	0	0.00	12	587.28
11	189-7249	HL7 Interface Messaging: ORM Inbound	9X5 M-F Phone Support	1	0	0.00	12	587.28
12	189-7251	MNT: HL7 Interface Messaging: RDE Inbound	9X5 M-F Phone Support	1	0	0.00	12	587.28

At the time of the actual order, Cerner may substitute individual technology solutions based on availability and/or technological advancements. In the event of a substitution, the corresponding Maintenance services and fees are subject to change for the substituted items. If the substitution Maintenance services result in an increase in fees, Cerner and Client will discuss the fee increase prior to ordering such Maintenance services.

ADDITIONAL TERMS AND PROVISIONS

EQUIPMENT AND SUBLICENSED SOFTWARE MAINTENANCE TERMS

Maintenance Services for Equipment. Maintenance services for Equipment are: (a) initial determination of the source of the problem, problem management, critical situation escalation and recovery services; (b) dispatching and coordinating the activities of the third party maintenance supplier; (c) communicating with the third party maintenance supplier throughout the resolution of the issue; (d) field change orders; and (e) inclusion of Equipment issues in a tracking database. Maintenance services for Equipment do not include consumables.

Maintenance Services for Sublicensed Software. Maintenance services for Sublicensed Software are: (a) initial determination of the source of the problem, problem management, critical situation escalation and recovery services; (b) providing all new versions, modifications, and patches of Sublicensed Software that Cerner is authorized to distribute; (c) communicating with third party maintenance providers throughout the resolution of the issue, (d) inclusion of Sublicensed Software issues in a tracking database.

Maintenance Renewals. The initial term for maintenance is set forth in the "Solutions and Services" section of this Cerner System Schedule. Client has the option to renew Maintenance services for additional periods of the same duration. Cerner agrees to notify Client ninety (90) days prior to the end of the then-current term of its expiration Client shall notify Cerner of its intent to terminate Maintenance services with written notification of its intent to terminate Maintenance no less than thirty (30) days prior to the expiration of the then-current period. Client will also notify Cerner of any Equipment items that are no longer being used by Client, and therefore no longer require maintenance. Cerner may terminate maintenance services if Client fails to pay invoices for maintenance.

Equipment Coverage Levels.

24x7 M-Su 4 HR. Monday through Sunday, 24 hours per day, 365 days per year, on-site coverage. Service effort is continuous until problem is resolved. 24x7 4 HR service does not guarantee that service will be completed same day due to part availability.

9x5 M-F 4 HR. Monday through Friday, 8 AM to 5 PM CST, on-site coverage. Service effort is continuous until problem is resolved, excluding country holidays. On-site coverage does not guarantee that service will be completed same day due to part availability.

9x5 M-F Next Business Day. Monday through Friday, 8 AM to 5 PM CST with the objective of completion the next business day.

9x5 M-F Depot. Monday through Friday, 8 AM to 5 PM CST for service calls. Equipment is shipped to the manufacturer where it is repaired and returned to Client's facility.

9x5 M-F Advanced Exchange. Monday through Friday, 8 AM to 5 PM CST for service calls. A replacement will be shipped the next business day and requires return of the replaced equipment within 15 days of receiving the replaced device. Service requests placed after 1 PM CST cannot be guaranteed next business day delivery. If more than one device is being requested for replacement, one will be Advance Exchange and the remaining will be returned on a best effort basis depending upon availability of replacements.

Sublicensed Software Coverage Levels. Service effort is continuous until the problem is resolved.

24x7 M-Su Phone Support. Monday through Sunday, 24 hours per day, 365 days per year.

Changes to Maintenance Services. Changes to maintenance services must be requested in writing by Client, and will take effect within 60 days after receipt of a signed change order.

Technology components can be added to maintenance coverage if they are in good working order. If a component is not in good working order, Cerner can arrange for it to be repaired on a time and materials basis prior to being placed on maintenance. Serial numbers must be provided.

Inventory. Client will review all Maintenance renewal letters to ensure accuracy, and to avoid charges for uncovered items. Client will provide Cerner with any missing or incorrect serial numbers as soon as possible to keep records current. Client will

EQUIPMENT AND SUBLICENSSED SOFTWARE MAINTENANCE TERMS

notify Cerner when technology components are replaced.

Upgrades. Maintenance services do not include hardware/technology updates. Maintenance services include software updates once they become available and have been certified for use by Cerner.

Pricing and Allowances. Equipment and/or Sublicensed Software maintenance pricing and allowances granted by Cerner are confidential and are not to be discussed outside the context of this arrangement. Allowances are available for multi-year maintenance and prepaid terms of one year or greater. Prices do not include any applicable taxes.

Multi-Year Commitments. Fees associated with the initial term are deemed prepaid and are non-refundable.

Travel. The professional services fees set forth in this Cerner System Schedule do not include travel, lodging, per diem, or other out-of-pocket expenses incurred by Cerner personnel. Such expenses will be billed to Client on a monthly basis in accordance with the Agreement and are estimated to be \$10,000. In the event additional expenses are required above the travel cap set forth herein, both parties will meet, discuss and agree prior to any additional travel expenses being incurred.

SCOPE OF SERVICES

This section defines the service deliverables ("**Scope**") for the services set forth in this Cerner System Schedule.

Scope Notes

- Estimated Project Duration: 12 weeks
- Estimated Project Start Date: November 1, 2018

MANAGED SERVICES

REMOTE HOSTING OPTION (RHO) SERVICES

SCOPE OF USE LIMITS

Non-Cerner Applications. The managed services fees set forth in the "Solutions and Services" section of this Ordering Document are based on the following scope of use limits, and apply only to RHO services for the non-Cerner application(s) set forth below:

Scope of Use Metric	Scope of Use Limit
Non-Cerner Applications to be Hosted	Dentrix

REMOTE HOSTING OPTION (RHO) SERVICES**OTHER SCOPE LIMITS**

Dentrix

Production Server Configuration:

- (1) DB Server (4C/8GB) (Windows and SQL Standard)
- Citrix server capacity for up to 10 Concurrent Users

Non-Production Server Configuration:

- (1) DB Server (2C/4GB) (Windows and SQL Standard)

Storage:

- (880) Gigabytes total storage (Combined Production and Non-Production)

Other Assumptions:

- RHO Services Fees include Operating System and MS SQL Standard Database Licensing.
- Hosting services will be provided using VM's, unless the application technical or resource requirements necessitate use of a physical server.
- RHO services fees do not include Licensed Software, Sublicensed Software, Licensed Software Support or maintenance related to the non-Cerner applications.
- Client will perform application maintenance duties as recommended by non-Cerner application provider (e.g. application access, create/maintain batch queues, data/file purging, custom forms/menus, custom tables/objects, refresh/replication items, etc.), if applicable. Cerner will assist with system level items if required.
- Client is responsible for purchasing or providing application related services for implementation, system/data migrations, release upgrades or updates, consulting services or support. Cerner will provide basic assistance with initial installation or migration of the application to Cerner (e.g., load media, etc.).
- RHO fees include installation and technical support for up to 1 major application release upgrade every 3 years during the Term of the agreement.
- Client will manage and monitor interfaces between application and other systems; including cycling systems (as needed), modifications of interfaces and connectivity to and from non-Cerner hosted applications (as needed).
- Future modifications to the technical requirements from the non-Cerner application provider (e.g., hardware platform, storage, network, database, tools, etc.), may result in additional hosting fees.

General Assumptions

- In addition to the items set forth below, the basic roles and responsibilities of Cerner and Client for the hosting of non-Cerner applications will be the same as set forth in the Ordering Document originally executed between the parties for RHO services.
- Cerner provides the Layered Software needed to deliver core RHO services (e.g., OS, middleware etc.).
- Managed services fees do not include Licensed Software, Sublicensed Software, Licensed Software Support, or Maintenance related to the non-Cerner applications.
- Client will transfer non-Cerner application provider technical support entitlements to Cerner, if possible. Client will also engage application provider to assist with application/database management activities and issue resolution if support entitlements cannot be transferred and application provider does not permit Cerner to perform such activities.
- Client will allow Cerner to perform a security risk audit on non-Cerner applications hosted in the CTC. Client will also work with application provider to address and resolve any security vulnerabilities pertaining to non-Cerner applications hosted in the CTC. In the event Cerner identifies that a non-Cerner application poses a security risk to Cerner's data center, Cerner may suspend or limit use of such application. If security vulnerability is unable to be mitigated within a reasonable timeframe, Cerner will work with Client to identify an alternative hosting arrangement and RHO fees will be adjusted if applicable.
- System Availability commitments for the non-Cerner applications specified in this Ordering Document shall be the same as those set forth in the Ordering Document originally executed between the parties for Millennium RHO services. Issues

REMOTE HOSTING OPTION (RHO) SERVICES

caused by the non-Cerner application or application provider delays are excluded from System Availability commitments and credits (e.g. application provider delays or declines to engage directly with Cerner, application provider's support hours are not 24x7, etc.). Such credits shall be calculated against RHO hosting fees for the non-Cerner applications defined in this Ordering Document.

SCOPE OF USE EXPANSION

In the event a scope of use limit set forth in the "Scope of Use Limits" section of this Scope is exceeded, Client agrees to expand the scope of use and pay the additional managed services fees set forth below for the applicable scope limit that has been exceeded.

Non-Cerner Applications			
Scope of Use Metric	Extending Scope of Use Limit By	Additional One-Time Fees	Additional Monthly Fees
Cores	(2) Server Cores	\$0	\$50
Memory (GB)	(8) GB Memory	\$0	\$50
Additional Servers	TBD	TBD	TBD
Storage	(1) Terabyte	\$0	\$500

All Prices are in US Dollar (USD)

Client's scope of use will be measured periodically by Cerner's system tools. Client agrees that if an event occurs that will materially affect Client's scope of use (such as acquisition of a new facility, change in number of Users, change in number of thick Client workstations, etc.), Client will promptly notify Cerner in writing no more than 60 days following the effective date of such event so that Client's scope of use can be reviewed.

PROFESSIONAL SERVICES

HENRY SCHEIN SCOPE OF WORK
(TP Schein AMT)

Client Assumptions

- Client has 2 clinic locations with a total of 10 users that will be included in this project.
- Current state workflows exist for the user roles identified; Dentist, Hygienist, Dental Assistant, and Dental Scheduler ("User Roles") and that the Client subject matter experts ('Client SMEs') are familiar with these workflows.
- Support services for Licensed Software shall be provided by Supplier in accordance with the Agreement.
- One Licensed Software database configuration will be provided for all Client Dental Clinics (2 Clinics/sites).
- The Licensed Software database configuration will be determined by Cerner and the Supplier before database build begins.
- Licensed Software database configuration will be agreed upon by the parties with the Client SMEs.
- Services to support testing do not include test script creation for any testing cycles.
- Cerner will inform the Client that dates for all virtual events must be determined by the Client 60 days before schedule is to occur.
- The organization of the training sessions, attendees and training facilities is the responsibility of the Client.
- Cerner will work with the Client to coordinate a rollout plan and strategy that incorporates Licensed Software tasks. This statement of work assumes the clinic will roll out in one single go

HENRY SCHEIN SCOPE OF WORK
(TP Schein AMT)

	<p>live event.</p> <ul style="list-style-type: none"> • Post implementation assessments of user/workflow/training are not included in this SOW. 										
<p>Service Description</p>	<ul style="list-style-type: none"> • Project Management Services will be supplied for phone calls, on site visits (Kick-off and other events as identified by the Client) and project team coordination up to 80 hours. • Installation - Design <ul style="list-style-type: none"> ○ System Data Collection and Design Decisions will be documented per the design provided by the Client's SMEs. It is expected that decisions will represent the needs of all Clinics. All data collection and design decisions will be completed before database configuration and testing cycles will be conducted. ○ Future State Workflows – 1 workflow will be created for each of the 6 roles; Dentist, Hygienist, Assistant, Scheduler, Biller, Practice Manager. Any additional workflows for roles beyond those identified will be an additional cost. • Technical Installation <ul style="list-style-type: none"> ○ A site assessment will be conducted virtually. This assessment will determine Client's technical needs and readiness. A summary report of assessment results will be completed and delivered by email to Client ("Site Assessment Report"). Cerner will inform the Client that Supplier is requesting a plan to address deficiencies identified in the report within 45 days. All deficiencies must be addressed before testing cycles can commence. ○ Domain Configuration – 1 set up in the Cerner eHosting environment at Cerner Headquarters that includes: <ul style="list-style-type: none"> ▪ Configuration of domain server ▪ Configuration of terminal server/Citrix ▪ Configuration of SQL servers ▪ Connection information distributed ▪ Connection information tested ▪ Licensed Software installation ▪ Install DXONE (reporting)/HL7 Base iii. ○ HL7 standard interfaces <ul style="list-style-type: none"> ▪ Install 1 HL7 engine ▪ Install of 9 interfaces <table border="1" data-bbox="503 1360 1369 1829"> <tr> <td><i>Dentrix Enterprise</i> HL7 Interface Engine - Required to power all HL7 messages sent and received</td> </tr> <tr> <td><i>Dentrix Enterprise</i> HL7 Message - In-bound ADT (Software Only)</td> </tr> <tr> <td><i>Dentrix Enterprise</i> HL7 Message - Out-bound DFT (Software Only)</td> </tr> <tr> <td><i>Dentrix Enterprise</i> HL7 Message - In-bound SIU (Software Only)</td> </tr> <tr> <td><i>Dentrix Enterprise</i> HL7 Message - Out-bound SIU (Software Only)</td> </tr> <tr> <td><i>Dentrix Enterprise</i> HL7 Message - Out-Bound MDM (Software Only)</td> </tr> <tr> <td><i>Dentrix Enterprise</i> HL7 Message - In-bound MFN (Software Only)</td> </tr> <tr> <td><i>Dentrix Enterprise</i> HL7 Message - In-bound ORU (Software Only)</td> </tr> <tr> <td><i>Dentrix Enterprise</i> HL7 Message - In-bound ORM (Software Only)</td> </tr> <tr> <td><i>Dentrix Enterprise</i> HL7 Message - In-bound RDE (Software Only)</td> </tr> </table>	<i>Dentrix Enterprise</i> HL7 Interface Engine - Required to power all HL7 messages sent and received	<i>Dentrix Enterprise</i> HL7 Message - In-bound ADT (Software Only)	<i>Dentrix Enterprise</i> HL7 Message - Out-bound DFT (Software Only)	<i>Dentrix Enterprise</i> HL7 Message - In-bound SIU (Software Only)	<i>Dentrix Enterprise</i> HL7 Message - Out-bound SIU (Software Only)	<i>Dentrix Enterprise</i> HL7 Message - Out-Bound MDM (Software Only)	<i>Dentrix Enterprise</i> HL7 Message - In-bound MFN (Software Only)	<i>Dentrix Enterprise</i> HL7 Message - In-bound ORU (Software Only)	<i>Dentrix Enterprise</i> HL7 Message - In-bound ORM (Software Only)	<i>Dentrix Enterprise</i> HL7 Message - In-bound RDE (Software Only)
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HENRY SCHEIN SCOPE OF WORK
(TP Schein AMT)

- o **System Build** – The Subcontractor software will be configured for one database configuration model in 3 domain settings (build/test/PROD). It is assumed that domain set up for each domain will match the initial set up performed by HSPS and Cerner. Database configuration will be documented in the data collection and design decision documents. Subcontractor will lead discussion to determine this documentation and the database configuration with the Client’s SMEs.
- **Training**
 - o 1 Licensed Software User Guide will be provided based on the release of the Licensed Software database.
 - o Delivery of 56 hours End User Training session will be provided to the Client for the 4 user roles.
 - o Supplier will provide requirement needs for delivery of training session (number of computers, computer configuration, etc.). Confirmation of facilities and attendees must be provided to Supplier within 30 days prior to the training event.
- **Testing**
 - o 1 unit testing cycle using system data collection
 - o 1 system testing cycle using future state workflows
 - o 1 integration testing cycle – troubleshooting support only
- **Go Live Support**
 - o 16 hours of 1 solution resource and 16 hours of 1 technical resource will be provided for go live support.
 - o The client can choose how to spread those hours and resources over the go live events.

Estimated work effort and duration within which the Services shall be provided

Project Segment	Activity	Est. Duration
Project Coordination	Resource scheduling, deliverable oversight	80 hrs.
Design	Documentation of design decisions and data collection	7 hrs.
	Standard workflow analysis (Dental Dept.)	24 hrs.
	Site assessment - remote	5 hrs.
Training	Delivery of 56 hours of training for Dental Dept.	56 hrs
	2-day session (16 hrs) of solution and technical resource for Support Desk training	4 days
Installation	Domain set up (1 domain)	8 hrs.
	Software configuration (1site)	12 hrs.
	HL7 install	36 hrs.
Testing	Unit testing	2 hrs

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		System testing	20 hrs
		Integration testing	40 hrs
		System testing cycle– Based on workflow analysis	24 hrs
	Go Live	Solution resource – 16 hrs Technical resource – 16 hrs	32 hrs.
Documentation Deliverables	<ul style="list-style-type: none"> • Design <ul style="list-style-type: none"> ○ Site assessment report ○ HL7 standard spec guide • Implementation <ul style="list-style-type: none"> ○ Data collection worksheet documenting the client’s configuration decisions ○ Standard 24 hr workflow analysis • Training <ul style="list-style-type: none"> ○ 1 Dentrix enterprise user guide 		

TRADITIONAL FOREIGN SYSTEM INTERFACE

TASKS/ACTIVITIES

Cerner Responsibilities.

- Provide professional service resources to assist Client with the implementation of:
 1. Admit, Discharge, Transfer (ADT) outgoing from Millennium to Dentrix
 2. Patient Problems outgoing from Millennium to Dentrix
 3. Appointment (SIU) outgoing from Millennium to Dentrix
 4. Orders (ORM) outgoing from Millennium to Dentrix
 5. Results (ORU) outgoing Millennium to Dentrix
 6. Pharmacy Encoded Orders (RDE) outgoing from Millennium to Dentrix
 7. Appointment (SIU) incoming from Dentrix to Millennium
 8. Charges (DFT) incoming from Dentrix to Millennium
 9. Medical Document Management (MDM) incoming from Dentrix to Millennium
- Cerner work effort includes, but is not limited to:
 - Interface design with the creation of site-specific interface specification document(s)
 - The building, coding and configuring of the interface to the processing requirements
 - Functional testing of the interface
 - Support of Client validation testing of the interface
 - Regular attendance of project status meetings
 - Migration of interface to production domain and support of interface activation

Client Responsibilities.

- Client responsibilities include, but are not limited to:
 - Engaging the foreign supplier resource(s)
 - Synchronizing data values between Cerner and the foreign supplier; this may include building of code value aliasing within Cerner that will be required for interface processing
 - Modifying *Cerner Millennium* application (if required)
 - Creating and executing interface test plans
 - Validating interface testing

PROJECT ASSUMPTIONS

- The interface will utilize Transmission Control Protocol/Internet Protocol (TCP/IP) for data transfer and will be *Cerner Millennium Health Level Seven International (HL7) Universal Interface (UI)* compliant
- Any custom scripting required outside of the standard Cerner UI is expected to be performed within Client's interface engine. If this is not possible or desirable, custom scripting can be performed within the *Cerner Millennium* interface but may require additional hours at Cerner's then current fees for a Cerner resource to complete the work.
- This Scope covers the initial configuration and testing of the interface in a designated build environment and 1 copy to the production environment; any additional domain support, including copies to additional domains and rebuild due to domain refreshes or updates may require additional hours
- Client and Cerner will work on this project concurrently on an agreed upon project timeline
- Client shall incur additional fees if services are requested beyond this Scope
- Adjustments supported as part of Standard scope of services:
 - Moving an existing data element from one field to another in the same message
 - Concatenation of two existing data elements
 - Addition or subtraction of leading zeroes to a numeric value
 - Hard coding a default value
 - Nulling fields
 - Basic conditional statements
 - Repeating field filtering, such as PID-3, PID-4, and personnel fields
 - Suppressing transaction types
 - Removing special characters from a field, such as dashes in a social security number
- Custom adjustments outside of Standard scope of services:
 - Querying data from standard *Cerner Millennium* tables and inserting into a field
 - Full message character-string replacements
 - Adding segments to a trigger not defined in Cerner Specifications
 - Creating custom tables in *Cerner Millennium*, and inserting/updating/querying those tables
 - Creating custom Z segments
 - Internet Protocol acknowledged deficiencies with IP approved work-arounds will not require additional services
- Adjustments not supported:
 - Modification of the clinical content of a result from any source, including OBX;3,4,5,6,7,8,11 and 14
 - Creating custom insert statements to insert rows into standard *Cerner Millennium* database tables

EQUIPMENT/SUBLICENSSED SOFTWARE DELIVERY

Delivery Information. The following delivery information is required to process the equipment/sublicensed software in this Cerner System Schedule.

Delivery Address	Delivery Contact Information
_____ (Name of Facility)	_____ (Name – Printed)
_____ (Address Line 1)	_____ (E-mail Address)
_____ (Address Line 2)	_____ (Phone Number)
_____ (City, State/Province, Zip/Postal Code, Country)	_____ (Fax Number)

Delivery Requirements. Please check the applicable box for each question below to help ensure a successful delivery.

Does the facility accommodate a 48 foot trailer?		Yes <input type="checkbox"/>	No <input type="checkbox"/>
Does the facility have a loading dock?		Yes <input type="checkbox"/>	No <input type="checkbox"/>
What are the receiving days and hours of operation? <i>(Please enter days and times available)</i>	Days: _____	Time (From): _____	Time (To): _____
Will a lift gate and/or ramp be required?	No <input type="checkbox"/>	Lift Gate <input type="checkbox"/>	Ramp <input type="checkbox"/>
To what floor will the equipment be delivered?	Basement <input type="checkbox"/>	Ground <input type="checkbox"/>	Floor: _____
Does the facility have an elevator, or will a stair crawler be required?	Elevator <input type="checkbox"/>	Stair Crawler <input type="checkbox"/>	N/A <input type="checkbox"/>
Does the facility require floor covering?		Yes <input type="checkbox"/>	No <input type="checkbox"/>

Client: County of Ventura
800 S Victoria Ave
Ventura, CA 93009-0001 USA

Subject: Solution Delivery

Document ID: 1-654EX21

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
Open Port Interfaces	IF-29035	Appointment Notifications Incoming
Open Port Interfaces	IF-29235	Patient Problems Outgoing
Remote Hosting	Remote Hosting One Time Fee	WTS Location Toolkit
Remote Hosting	Remote Hosting One Time Fee	Olympus Threshold and Alerting
Remote Hosting	Remote Hosting One Time Fee	High Availability (HA) Toolkit

I acknowledge that delivery of these solutions occurred on _____.
(Date)

The following signature represents completion of this delivery event.

ACCEPTED FOR COUNTY OF VENTURA

By: _____

(type or print)

Title: _____

Client: County of Ventura
 800 S Victoria Ave
 Ventura, CA 93009-0001

Invoice No: EXEC CSS No. 20
Invoice Date: Effective Date
Due Date: Effective Date

Remit: **Via FedEx:**
Cerner Corporation
 Attn: Accounts Receivable, 5th Floor
 2800 Rockcreek Parkway
 Kansas City, MO 64117

OR **Via Wire Transfer:**
 ABA Routing Number: 101000187
 Bank: US Bank
 For Further Deposit to Bank Account: 5290000743

TOTAL AMOUNT DUE: \$43,155

Sales tax, if applicable, will be invoiced separately.

Description	Total Solution Amount	Percent Payable	Net Amount
MANAGED SERVICES ONE-TIME FEES	\$6,800	100%	\$6,800
MANAGED SERVICES MONTHLY FEES - 1st Quarter	\$5,400	100%	\$5,400
PROFESSIONAL SERVICES FEES - Fixed Fee	\$61,910	50%	\$30,955
Grand Total:			\$43,155