## COUNTY OF SAN MATEO

### INTER-DEPARTMENTAL CORRESPONDENCE

**Date:** August 7, 2001
**Hearing Date:** August 14, 2001

**To:**     Honorable Board of Supervisors

**From:**   Luther Perry, Director, Information Services
            Pony ISD-120

**Subject:** Resolution authorizing execution of an amendment with Siemens Medical
            Solutions for software applications and professional support.

Recommendation

Adopt a Resolution authorizing execution of an amendment to an agreement with
Siemens Medical Solutions for software applications and professional support.

Background and Discussion

On October 7, 1997, your Board approved an Agreement between the County and
Siemens Medical Solutions Health Services Corporation (then known as Shared Medical
Systems or "SMS") for software applications and professional support (Resolution No.
61490).

During the budget cycle for fiscal year 2001/2002, key IT initiatives based on the
Siemens system were identified and prioritized; seven were approved for implementation.
Normally each initiative would be addressed by a contract amendment. In an effort to
realize cost savings multiple amendments were combined. These seven IT initiatives can
be categorized as: planned future enhancements, operational improvements and cost
savings measures.

Planned future enhancements:

- The Tamtron Anatomic Pathology System will provide an integrated solution for
  the processing of Pathology and Cytology specimens. This new system will
  streamline the data entry process and enhance the research and service functions
  of the Laboratory.

- Radiology is an upgrade to the existing radiology system. The upgrade will add
  Mammography functionality to the department.

These two IT initiatives were originally planned future enhancements during to the core system rollout in 1999.

Operations improvement:
- The Openlink System is the central interface engine for the core system. There are currently 42 interfaces with a vendor maximum of 50. This upgrade will increase the maximum interface number and is necessary to insure continued stability and expandability of this mission critical system.
- Clinical Archive is a feature that provides for storage of clinical data. This data is required for regulatory and statistical reporting.
- RPM (Receivables Policy Manager) is a business tool for the Health Services Business Office. RPM will streamline and enhance claims processing management.
- The SNA migration initiative will facilitate the migration from older unsupported hardware platforms to the current County standard hardware platform.

Cost savings:
- The VTAM printing system (VPS) is a cost savings measure. Cost saving will be realized through a reduction in paper use and a shift of routine tasks from staff to automation of routine tasks.

Siemens Medical Solutions offers equal benefits as defined by Chapter 2.93 to its employees with spouses and it employees with domestic partners and is in compliance with our declaration. Due to Siemens worldwide affiliation, the non-discrimination clause has been modified. Siemens will be required to notify the County within 30 days of a filing if the Equal Employment Opportunity Commission, and/or the Fair Employment and Housing Commission has found Siemens to be in violation of the non-discrimination requirements.

Fiscal Impact

The total cost of this amendment will be $1,250,000 over the term of the original agreement. The anticipated current year costs have been included in ISD's recommended budget and included in Health Services' services charges.

This amendment has been reviewed and approved by County Counsel.

RESOLUTION NO. _____

# BOARD OF SUPERVISORS, COUNTY OF SAN MATEO, STATE OF CALIFORNIA
## * * * * * *
## RESOLUTION AUTHORIZING EXECUTION OF AN AMENDMENT WITH SIEMENS MEDICAL SOLUTIONS FOR SOFTWARE APPLICATIONS AND PROFESSIONAL SUPPORT

RESOLVED, by the Board of Supervisors of the County of San Mateo, State of California, that

WHEREAS, there has been presented to this Board of Supervisors for its consideration and acceptance an amendment to an Agreement between the County and Siemens Medical Solutions for software applications and professional support;

WHEREAS, this Board has been presented with a form of such amendment and said Board has examined and approved same as to both form and content and desires to enter into same; and

NOW, THEREFORE, IT IS HEREBY DETERMINED AND ORDERED that the President of this Board of Supervisors be, and is hereby, authorized and directed to execute said Amendment as is approved by the County Manager and the County Counsel for and on behalf of the County of San Mateo, and the Clerk of this Board shall attest the President's signature thereto.

* * * * * * *

## AMENDMENT

This Amendment is made as of the ___ day _____ of 2001, between SIEMENS MEDICAL SOLUTIONS HEALTH SERVICES CORPORATION, 51 Valley Stream Parkway, Malvern, Pennsylvania 19355 ("Siemens") and San Mateo County having its principal office at 225 West 37th Avenue, San Mateo, CA 94403 ("Customer").

Siemens and Customer agree to amend the INVISION Remote Computing Agreement between Customer and Siemens dated as of September 30, 1997 [as amended,] ("Agreement") as follows:

1. **GRANT OF LICENSE**. Siemens hereby grants Customer a non-exclusive, non-transferable perpetual license to the following Applications subject to the terms and conditions of the Agreement. Customer shall pay the fees and other amounts described in this Amendment in accordance with this Amendment and with the other provisions of the Agreement. Customer agrees to take Delivery of the Applications within twelve (12) months from the date of this Amendment or in the event Delivery has not occurred within that time, shall commence paying the Monthly Support Fee. The Initial Warranty Period shall then commence upon the Delivery Date.

1.1 Additional Applications

| Application | Version Number | Perpetual License Fee | Monthly Extended Support Fee |
|---|---|---|---|
| OpenLink V23 Upgrade* | V.23 | $40,122 | $883 |
| Radiology Mgt System | V.25.1 | $49,515 | $3,110 |
| Includes: | | | |
| Automatic Fax | | | |
| Mammography | | | |
| Wordperfect 9.0/2000 | | | |

| VPS | | | Annual Maintenance Fee |
|---|---|---|---|
| AnyQueue | | $16,973 | $2,546 |
| PageSorter | | $ 8,118 | $1,218 |

Receivables Policy Manager (RPM)

| 0 – 100 Sub-policy Processing Actions | No Charge |
|---|---|
| 101-10,000 Sub-policy Processing Actions | $1,469/month |

- *The fees listed are based on San Mateo's current OPENLink interface list. The Lab instrument interfaces are set up on OPEN Lab and not OPENLink. If San Mateo upgrades to NOVIUS Lab, the instrument interfaces will have to be set up on OPENLink. The OPENLink V23 small redundant configuration allows for up to 100 one way interfaces. The Integration Consultant estimate is based on the current list of OPENLink V22 interfaces supplied by SMCHS.

1.2 Previously Contracted for Application. For the following previously contracted for Application, which has not been delivered as of the date of this Amendment, Customer agrees to take delivery of the Application in accordance with a mutually agreed to Implementation Workplan to be developed by the parties. The original Agreement included fees for Tamtron V 6.0, which was not delivered or billed. This Amendment replaces the requirement that "Customer" install Tamtron V6.0 and that the "Customer" pay the $63,000 fee associated with it.

| Application | Perpetual License Fee |
|---|---|
| TAMTRON's Anatomic Pathology** PowerPath 2000 System, Including implementation | $115,499 |

** Note: Licensed under Siemens' agreement with Tamtron, Inc. Fee includes Surgical Pathology Module, Cytology Module and Quality Assurance Module. This Application is not supported under the Siemens Support Program. Customer shall execute a separate support Agreement with Tamtron, Inc. prior to software delivery. Response Time Warranties in *the Agreement, if any, shall not apply to this Application. Source Code is not available. Customer should address Source Code issues directly with Tamtron as part of the Support Agreement.* License fee includes Interfaces (HL7 & TCP/IP) for A/D/T, Results Reporting and Fax/print Server Application Module and Billing (technical) with INVISION.

2.    **RCO APPLICATIONS**. Siemens shall process the Facility's data using the Applications listed below operated at the Siemens Information Services Center ("ISC") in accordance with the Documentation and subject to the terms and conditions of the Agreement ("RCO Services") for a term of five (5) years commencing upon First Productive Use of the Applications listed below. *Customer shall pay the fees and other amounts described in this Amendment in accordance with this Amendment and with the other provisions of the Agreement.* Customer agrees to take Delivery of the Version of the Applications listed in Schedule 1 within twelve (12) months from the date of this Amendment and in any event shall commence paying to Siemens the Monthly Processing Fee listed below no later than twelve (12) months from the date of this Amendment.

Application
Clinical Archive (5 years)                        $1,216/month for 60 months for a total of $72,960

3.    **EQUIPMENT AND THIRD PARTY SOFTWARE**. Attached hereto as Schedule 1 is the sizing and capacity assumptions and the Equipment and software configuration for the Facility. Customer shall procure all Equipment and such items of Third Party Software which are designated in Schedule 1 as being required for Customer to obtain, either from its existing resources, from Siemens and/or from a third party. Customer agrees to purchase from Siemens and Siemens agrees to supply the following items in accordance with the applicable terms and conditions of the Agreement. All Equipment and Third Party Software listed herein shall be delivered to a single location specified by Customer prior to Equipment and Third Party Software delivery.

See Schedule 1's

4.    **ACTIVE FILE STORAGE**. The current base value will be changed to 181,768 effective as of the date of this Amendment. This additional base value shall be provided without increase to the existing current Active File Storage Fees.

5.    **SUPPORT**. The initial Warranty Period for the perpetual-licensed Applications listed in Section 1 above is 6 months from their Delivery Date. Thereafter support for the Applications identified in this Amendment shall be provided in accordance with the Siemens Support Program, as contained in the Invision Remote Computing Agreement, Exhibit A. The term of support shall be coterminous with the term of support for the other perpetual license Applications under the Agreement.

6.    **PAYMENT TERMS**.

     6.1    APPLICATION LICENSE FEES. The License Fee for all perpetual-licensed Applications, and Custom Programming shall be due and payable as follows:

         6.1.1    Twenty percent (20%) of the Total License Fees on the date of this Amendment; and

         6.1.2    Twenty percent (20%) upon the earlier of the date of mutual Amendment to an Implementation Workplan, which shall precede any Delivery Date, or sixty (60) days from the date of this Amendment; and

         6.1.3    Twenty percent (20%) on the earlier of the Delivery Date for each Application or item of Custom Programming, or ninety (90) days from the date of this Amendment, unless Siemens delays the Delivery Date; and

         6.1.4    Twenty percent (20%) upon the earlier of Acceptance of each Application or item of Custom Programming as described in Exhibit A or one hundred and fifty (150) days from the date of this Amendment unless a delay in Acceptance is due solely to Siemens; and

6.1.5    Twenty percent (20%) upon First Productive Use of each Application or item of Custom Programming, provided that all Application and Custom Programming Fees License Fees shall be paid within twelve (12) months from the date of this Amendment unless a delay in First Productive Use is due solely to Siemens.

6.2    **MONTHLY PROCESSING FEES**. The Monthly Processing Fees for the Application shown in Section 2 above shall be effective on the date of this Amendment.

7.    <u>IMPLEMENTATION FEES</u>. Customer shall purchase from Siemens and Siemens shall perform the professional services described in the implementation reports attached hereto as Attachment 1 at Siemens' current Professional Service rates. Professional Services fees shall be billed monthly as incurred on a time and materials basis. The Estimated Fee for the Siemens implementation services as follows:

| Application | Estimated Implementation Fees |
|---|---|
| VPS | $40,995 |
| OPENLink V23 | $57,825 |
| Small redundant configuration | |
| Radiology V25.1 | $120,120 (see Section 8 below) |
| RPM | $40,405* |

* RPM is client installable, but there are minimal base professional fees ($6,805) required for coordinating and performing the mainframe and GUI software customization (for customer specific database and ID) and delivery. Additional fees ($27,200) are strongly recommended for GSS Services to integrate RPM into Client pathways and processes. Fees of $6,400 are required for VTAM, LU 6.2 and installation of DB2 Connect Software on the Gateway.

8.    <u>RADIOLOGY IMPLEMENTATION FEES PROVISIONS</u>. The Estimated Fee for the Siemens implementation services described in the Implementation Workplan and Assumptions attached hereto and made a part of this Amendment will not exceed $120,120, unless agreed to in writing by SMCHS and Siemens, and assumes that the Mammography Upgrade will be completed simultaneous with the Radiology Upgrade. Siemens shall not be liable for any additional tasks beyond those specifically stated in the Implementation Workplan.    This Estimated Fee includes classroom tuitions for two people for Novius Radiology Mammography and courseware for Radiology/Mammography CBT (1 CD ROM). Siemens shall be responsible only for providing those services as set forth in the Implementation Workplan and Assumptions. Estimated Travel and Living expenses, based on four trips per the attached Workplan, will not exceed $9,400. The final Workplan will be mutually agreed to by both parties and will replace the Sample Workplan. This Estimated Implementation Fee shall be billed monthly as incurred on a time and materials basis.    The discounted implementation hourly rate of $170 is contingent on Customer permitting the assignment of Siemens staff to the implementation to commence work effective within forty five (45) days from the date of this Amendment. In the event the implementation services are delayed due to Customer failure to permit Siemens to commence work within forty five (45) days of the date of this Amendment or if the implementation services extend beyond one hundred eighty (180) days from the initiation of implementation due to Customer delays, the hourly rate for services provided after either event shall be billed at the then current Siemens Professional Service Fee.

9.    <u>PROFESSIONAL SERVICES</u>: Siemens shall provide professional services to migrate Customer's current SNA Redundant environment to the new platform. These services shall be provided in accordance with a mutually agreed Statement of Work. The estimated fees related to these Professional Services are $38,400.

10.    <u>OPENLAB EXTENDED SUPPORT.</u> The Monthly Support for OpenLab will be upgraded to Extended Support at no additional fee until the end of the Initial Warranty Period for NOVIUS Lab is achieved, or thirty six (36) months from the date of this Amendment, whichever occurs first. NOVIUS Lab shall be the subject of a separate amendment between the parties.

11.    <u>CHANGE ORDER PROCESS</u>. Each implementation engagement will be performed in accordance with either an Implementation Workplan or a Scope of Work which will describe the specific tasks to be performed by each party, task dependencies, and time-lines. Changes or decisions which affect the scope of the work effort or which delay scheduled completion of the project must be made in writing and signed by the Customer's Designated Project Manager and Siemens' Project Manager. These changes shall be defined as "Change Orders" and will detail the nature of the change and the additional Professional Service Fees due hereunder for said change. Siemens will not perform work beyond the scope of the work effort without a Change Order. (See Attachment A)

12.    <u>SPECIAL TERMS</u>. This Section contains terms and conditions that relate specifically to certain third party products that are included in this Amendment. Some vendors of third party products require that their terms and conditions may be subject to change over the course of this Agreement, in which event Siemens will post such changes to the Customer-only web site or otherwise provide notice of such changes. Said changes shall become effective on the date of posting such notice.

12.1 **Radiology.** The American College of Radiology does not assure users of protection against intellectual property claims from others arising from the use of its materials. Siemens' Radiology Applications, which include LEXICON and INDEX software, contain software, which is proprietary to the American College of Radiology. Accordingly, Siemens' intellectual property indemnification obligation under the Agreement shall not apply to claims relating to either the LEXICON and INDEX software or any software proprietary to the American College of Radiology which is included in the Radiology Applications.

12.2 **Tamtron.** The Tamtron Anatomic Pathology Applications listed in this Amendment are licensed under Siemens' agreement with Tamtron, Inc. These Applications are not supported under the Siemens Support Program and no support fee is included in this Amendment for these Applications. Customer shall obtain support for these Applications from the vendor of its choice.

12.3 **VPS.** The VPS Applications are developed by Levi Ray & Shoup, Inc. ("LRS") and are licensed here pursuant to an agreement between Siemens and LRS. For each copy of VPS /AnyQueue and VPS PageSorter licensed, only one copy may be installed on a single server, however, each copy of VPS/AnyQueue may support multiple host connections. These restrictions on the use of VPS Applications are in addition to all other applicable terms and conditions stated in the Agreements between Siemens and Customer. Further, Customer acknowledges and agrees that Siemens is solely responsible to Customer for all obligations, warranties and remedies regarding the VPS Applications licensed under this Supplement/Amendment and that LRS has no such responsibility to Customer. Customer acknowledges that it may bring no claim or lawsuit against LRS for any breach or violation of any term or condition of this Supplement/Amendment or for any damages incurred under this Supplement/Amendment

13. **PROFESSIONAL SERVICES FEES.** Siemens' current Professional Service Rates are as follows:

- o    Technology Implementation Services - $165/hour
- o    Technology Consulting Services - $210/hour
- o    Network Services Non-Contract Equipment Repair- $210/hour
- o    Network Services Non-Contract Equipment Repair – Overtime - $270/hour
- o    Customer Network Support - $220/hour
- o    Network System Programming - $220/hour
- o    Non-warranty/Supplemental Customer Support - $170 to $225/hour
- o    Installation/Implementation Services - $170-$225/hour
- o    Installation/Implementation Management - $225-$250/hour
- o    On-Site Education - $2,600/day
- o    On-site Education – Lawson - $3,600/day
- o    Other Professional Services – Custom Bid

The minimum charge for on site services is four (4) hours. These rates are subject to adjustment to Siemens' then-current rates for services performed more than six (6) months from the date of this Amendment. Professional services shall be billed monthly in arrears as incurred on a time and materials basis based on the actual hours of professional services performed by Siemens which may vary from the hours estimated in the Implementation Workplan. Customer understands therefore, that the total Implementation Fee charged may exceed any estimates provided by Siemens.

14 **TRAVEL AND LIVING.** Customer shall reimburse Siemens for all reasonable travel, living and other out-of-pocket expenses incurred by Siemens personnel in connection with all services rendered by Siemens on site in accordance with the rates listed in Attachment B of this Amendment.

15. **AMOUNTS PAYABLE BY CUSTOMER.** The amounts payable under this Amendment are in addition to the $11 million dollar not to exceed amount as set forth in Section 6 of the Agreement. In no event shall the amount payable to Siemens under this Amendment exceed $1,250,000. The Implementation Fees and Professional Services Fees do not include travel, living and other out of pocket expenses. The parties understand that the Implementation Fees and Professional Services Fees are estimated since a final mutually agreed Implementation Workplan has not been completed. Therefore, the estimated Implementation and Professional Services Fees listed may be revised following completion of that Implementation Workplan. Such revision shall be the subject of a separate amendment between the parties.

15. **GENERAL.** This Amendment supersedes any contrary or inconsistent provisions of the Agreement and any prior amendments. No provisions of any Customer purchase order shall apply. As amended, the Agreement shall remain in full force and effect.

16. **NON DISCRIMINATION.** No person shall be excluded from participation in, denied benefits of, or be subject to discrimination under this Agreement on the basis of their race, color, religion, national origin, age, sex, sexual orientation,

pregnancy, childbirth or related conditions, medical condition, mental or physical disability or veteran's status. Contractor shall ensure full compliance with federal, state and local laws, directives and executive orders regarding non-discrimination for all employees and Subcontractors under this Agreement.
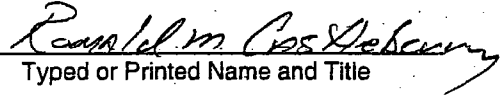
Violation of the non-discrimination provisions of this Agreement shall be considered a breach of this Agreement and subject the to Default and Termination Provisions of Section 13 of the Agreement. Contractor shall report to the County Manager the filing by any person then currently assigned by Siemens to an on site engagement under the Agreement, in any court of any complaint of discrimination or the filing by any person of any and all charges with the Equal Employment Opportunity Commission, the Fair Employment and Housing Commission or any other entity charged with the investigation of allegations within 30 days of such filing, provided that within such 30 days such entity has not notified Contractor that such charges are dismissed or otherwise unfounded. Such notification shall include the name of the complainant, a copy of such complaint if such copy has been provided to Siemens and a brief description of the circumstance. Contractor shall provide County with a copy of its response to the Complaint when filed.

With respect to the provision of employee benefits, Contractor shall comply with the County Ordinance which prohibits Contractors from discriminating in the provision of employee benefits between an employee with a domestic partner and an employee with a spouse.

IN WITNESS WHEREOF, intending to be legally bound hereby, Siemens and Customer have executed this Amendment as of the date and year first above mentioned.

SIEMENS MEDICAL SOLUTIONS HEALTH
SERVICES CORPORATION

By: _____

_____
Typed or Printed Name and Title

SAN MATEO COUNTY

By:_____

_____
Typed or Printed Name and Title

## Attachment A

### PROFORMA CHANGE ORDER AMENDMENT

This Amendment is made as of the ___ day of _____, between Siemens Medical Solutions Health Services Corporation, 51 Valley Stream Parkway, Malvern, Pennsylvania 19355 ("Siemens") and _____[CUSTOMER NAME]_____, located at _____[FULL ADDRESS]_____ ("Customer").

Siemens and Customer agree to amend the [NAME OF AGREEMENT BEING AMENDED] between Customer and Siemens dated as of _____ [DATE OF AGREEMENT], [as amended,] ("Agreement") as follows:

1.     **CHANGE ORDER.**  The following change shall be made to the Implementation Workplan ("Change Order"):

*[Describe the nature of the change and the associated tasks]*

2.     **FEES.**  Siemens estimates that the professional service hours required to effect the Change Order described in Section 1 above shall be **{insert number of hours}** at **{insert hourly rate}**.  The actual hours shall be billed monthly as incurred and may exceed this estimate.

3.     **IMPACT.**  Customer acknowledges that the Change Order described in Section 1 may impact implementation time-frames.  Customer accepts that Siemens shall have no responsibility or liability for any delays in the implementation caused in whole or in part by the Change Order.

4.     **GENERAL.**  This Amendment supersedes any contrary or inconsistent provisions of the Agreement and any prior amendments.  No provisions of any Customer purchase order shall apply.  As amended, the Agreement shall remain in full force and effect.

IN WITNESS WHEREOF, intending to be legally bound hereby, Siemens and Customer have executed this Amendment as of the date and year first above mentioned.

**SIEMENS MEDICAL SOLUTIONS**                      **CUSTOMER**
**HEALTH SERVICES CORPORATION**

By: _____                        By: _____

_____                    _____
Typed or Printed Name and Title                     Typed or Printed Name and Title

**Attachment B**
**SUMMARY OF SIEMENS TRAVEL AND LIVING**
**POLICIES**

The following is a summary of the principal provisions of Siemens' present policy for employee reimbursement for United States travel and living expenses. Siemens passes these charges through to Customer.

1. Commercial Air Fare. Coach class, except business class is reimbursable on coast-to-coast flights if it is not more than twenty percent (20%) more expensive than coach class.

2. Car Rental. Compact car (unless the number of people being transported requires a larger car) from a car rental firm that provides Siemens special reduced rates.

3. Use of Personal Automobile. At a rate of $.345 per mile plus tolls for the United States, except Puerto Rico which is reimbursed at the rate of $.34 per mile plus tolls.

4. Other Commercial Travel. Coach class for trains and buses. Airport vans are to be used in preference to taxicabs for travel to and from airports where practical.

5. Parking. The maximum amount, which is reimbursable for parking at any airport or train station, is the standard per-day rate for remote parking.

6. Lodging. Lowest-priced, satisfactory accommodation. The use of hotels which provide Siemens special reduced rates is encouraged.

7. Meals. An allowance for breakfast and dinner only Monday through Friday and additionally for lunch on weekends. The rates for these allowances are as follows:

| Meal | Alaska, Chicago, Hawaii, Los Angeles, New York City Vicinity, Puerto Rico, San Francisco, Washington, D.C. | All Other Locations |
|---|---|---|
| Breakfast | $10.00 | $ 7.00 |
| Lunch | $ 5.00 | $ 5.00 |
| Dinner | $27.00 | $23.00 |

Receipts are required for commercial travel, car rental, parking and lodging.

Where Siemens employees visit more than one client on the same trip, the expenses incurred are apportioned in relation to time spent with each client.

Siemens' policy for employee reimbursement may be changed by Siemens from time to time to reflect changes in economic and business factors.

# Attachment C

# Implementation Workplans and Assumptions

## SNA Migration Statement of Work

Siemens Technology Services will provide professional services to provide Customer to migrate Customer's current SNA Redundant environment to new platform. Siemens will provide the following Professional Services:

### Project Management:

Siemens will provide Customer with an experienced Siemens Technical Project Manager who will act as a representative of Customer, but will remain an employee of Siemens. The Siemens individual will oversee all technical aspects of the project for Siemens systems and ensure that all technical activities are performed in a professional manner.

### Installation Services:

Siemens and Customer will work together to develop a design, integration and migration strategy.

### Siemens Responsibilities:

- Technical Project Management (TPM)
- Manage all phases of project
- Coordinate meetings
- Compile final design and signoff
- Provide final workplan
- Provide status reports
- Provide turnover documentation

- Consultation and Design
- On site walk through and needs assessment
- Devise SNA gateway migration design.
- Review growth potential of LUs and consider in design

- Implementation
- Complete Server Software Installation
- Complete SNA Configuration/Migration for configured users

- Testing, Turnover & Training
- SNA gateway and WAN circuit fail-over testing
- SNA gateway system administration education
- SNA gateway support documentation

### Customer Responsibilities:

- Customer will provide a single point of contact within their management team. Customer will also provide a minimum of one hospital resource for the Siemens Technical Project Manager to work with.
- Siemens and Customer will dedicate the resources necessary to complete the project as scheduled.
- Siemens will have access to key executives of Customer and of any third party retained by Customer for decisions. Decisions, which may impact the scope of the project or delay completion, will be discussed with Siemens. Additional assistance from Siemens, based on these decisions, will be outside the quoted fee.
- Travel and living expenses for Siemens personnel will be reimbursed by Customer separately.

### Joint Responsibilities:

Once engaged, Customer's management and Siemens shall jointly work toward developing a detailed project implementation plan within the first thirty (30) working days of the engagement to further clarify each party's roles, responsibilities, business objectives, and success criteria.

### Assumptions:

The Professional Services fees are based on the following assumptions:

- Siemens and Customer will have access to the respective executives of both Customer and Siemens and of any third party retained by Customer for decisions.
- Siemens will provide Customer with monthly invoices for professional services.

## Pricing:

Siemens shall invoice Customer in arrears for all professional services performed. Siemens' rates for the pertinent services to be provided hereunder are:

| | |
|---|---|
| Technical Project Management: | $210/hour |
| Network Planning and Design: | $210/hour |
| Network Implementation: | $165/hour |

Charges are due and payable monthly as incurred on a Time and Materials basis. Estimated hours for this engagement are indicated below:

| | |
|---|---|
| Siemens Technical Project Management: | 40 hours |
| Siemens Technical Consultant: | 80 hours |
| Siemens Technical Implementer | 80 hours |

| | |
|---|---|
| Total Estimated Professional Services Fee: | $ 38,400 |

**OPENLink Assumptions Document**

**OVERVIEW**

This document is intended to provide your facility with specific assumptions you need to consider prior to the installation of SIEMENS OPENLink as an ICO solution.
The assumptions in this document do not apply to SIEMENS OPENLink as an ISC-Hosted solution.
This document is a supplement to the SIEMENS OPENLink v23.0 Customer Memo.
This document must be reviewed prior to contract signing.
APPLICATIONS AFFECTED
SIEMENS OPENLink v23.0
SIEMENS OPENLink PRODUCT ASSUMPTIONS

**Architecture**
SIEMENS OPENLink v23.0 operates on a client/server architecture using an Intel PC-based integration engine (server), Microsoft Windows 2000 operating systems and a Microsoft Access database.
SIEMENS OPENLink is sold as a complete system only. There is no longer a distinction between Base and Toolkit Services, as there was in SIEMENS OPENLink Version 21.

**Third Party Software:**
SIEMENS OPENLink v23.0 does not support any versions of SQL Server.
SIEMENS OPENLink v23.0 does not support CONNECT: Direct for file processing on a redundant configuration; FTP must be used instead.
SIEMENS OPENLink v23.0 does not support versions of CONNECT: Direct beyond v3.3 on a non-redundant configuration; FTP must be used instead.

**Platform Configuration:**
The SIEMENS OPENLink v23.0 software is supported on three platform configurations:
a non-redundant configuration that supports up to 50 one-way interfaces
a small redundant configuration that supports up to 100 one-way interfaces
a large redundant configuration that supports up to 200 one-way interfaces

**Installability:**
SIEMENS OPENLink v23.0 is a customer installable application for all upgrade events on like platforms.
This applies to customers previously installed on SIEMENS OPENLink v22.x who are upgrading to v22.x or v23.0, using their existing platform configuration.
SIEMENS OPENLink is not customer installable for new platform deliveries or for customers who are upgrading their platform configuration to a redundant configuration.

**Education:**
SIEMENS OPENLink v23.0 education is required for all net new customers or customers who have not received SIEMENS OPENLink v22 education.
All SIEMENS OPENLink v21 customers must attend the below education sessions.
The following classes are required prior to installation:

| Class Title | Recommended Attendees |
|---|---|
| SIEMENS OPENLink Base Services | Customer Analyst, Customer Operations/Systems Manager |
| SIEMENS OPENLink Toolkit Services | Customer Analyst |

It is recommended that customers attend these education sessions within 1 month of installation.
The Siemens Education Solutions Department conducts all SIEMENS OPENLink education sessions, at a Siemens training center.
Third party training is not included as part of the education sessions. If you determine you need such training, all needed third party training, (e.g., MS Access, MS Windows 2000 or NT, etc.) must be contracted for separately outside of Siemens.

**PROJECT ASSUMPTIONS**
Interfaces/ SIEMENS OPENLink Interfaces

Siemens will migrate interfaces currently on SIEMENS OPENLinkv22 non redundant to SIEMENS OPENLink v23 non redundant.
ADT Repository
Autro ADT
DDI ADT
ER Log -ADT
SIEMENS OPENLab ADT/OSU/Results
SIEMENS Radiology ADT/Results
SoftMed ADT/Results
SpaceLabs ADT
OBF
If additional interfaces assistance is needed for interfaces, a Professional Services Request (PSR) would be required on a times and materials basis.
The customer has the option of completing the migration of all interfaces not requiring assistance from a Siemens Integration Consultant.
SIEMENS OPENLink 22 to 23 migration
Does not include migration of SuperRecord to Generic Record Version 3
LUS already generated and ready
All Connections are TCPIP or SNA (LU2)
Pure conversion with NO adaptation or add-on interfaces
SIEMENS OPENLink 23.x has been delivered and all necessary network changes have been made
SIEMENS OPENLink 23.x delivery has been turned over to SIEMENS Support Services from PSCS
All SNA setup has been completed if necessary
Each system in the interface being converted has a test system
There are no custom User Exits or DCL routines on SIEMENS OPENLink v21
All necessary 3$^{rd}$ party software, hardware and network changes have been made
Estimate includes both Production and Test Databases

**Platform Configuration:**
Deviations from the standard platform configurations will result in increased support and implementation fees, as well as compromised support ability, and possible implementation and testing delays.
Should the customer purchase equipment through a third-party vendor, the customer is responsible for having all hardware and third party software properly inventoried and located in one place, prior to Siemens Professional Services Client Server (PSCS) group's arrival at the site.
The customer must also provide copies of their purchase orders to avoid additional installation hours for PSCS, and Technology Services, this will help Siemens confirm that the hardware/third-party software has been ordered in an adequate timeframe prior to Siemens arrival at the customer site.

**Professional Services:**
The following professional services are associated with the SIEMENS OPENLink v23.0 installation.
Mandatory services required for the SIEMENS OPENLink platform configuration include Siemens E-Consulting, Professional Services Client Server (PSCS), Technology Consulting, and Education.
Other optional services associated with the SIEMENS OPENLink platform configuration include Network Services (NS) and Implementation Services Group (ISG).
Installation of the SIEMENS OPENLink software and platform configuration does not include Interface development or conversion work. SIEMENS OPENLink provides the tools for Interface development or converting existing interfaces but if you wish to have assistance from Siemens, these services must be contracted for separately outside of the platform implementation delivery.

**Installation:**
Installation tasks will be started and completed on the dates mutually agreed upon between Siemens and the customer.
The customer will reimburse any travel and living expenses for Siemens personnel separately, as incurred.

**CUSTOMER RESPONSIBILITES**

**Customer Prep-work:**
The customer will have reviewed and completed the SIEMENS OPENLink Pre-installation Worksheet. This document is used to determine the configuration sizing required for current and future usage.
It is recommended that the customer participate in a hardware planning call with Siemens personnel (Technology Services and PSCS representation). This call will address questions associated with the installation of the SIEMENS OPENLink platform configuration.

**Customer Environment:**
The customer will assume responsibility for any recommended modifications to their computer room or area where the SIEMENS OPENLink configuration will be stored. These modifications are required to install the SIEMENS OPENLink configuration, as detailed in the SIEMENS OPENLink Configuration Readiness Checklist, the SIEMENS OPENLink Application Processing Requirements or the Technology Readiness Review as presented by Siemens personnel. These modifications must be performed prior to the SIEMENS OPENLink on-site platform implementation.
INVISION ICO and SIGNATURE ICO customers are required to complete any necessary VTAM and CICS maintenance prior to Siemens personnel going on-site for the SIEMENS OPENLink implementation. If not completed correctly, software delivery delays can result.
Customers must have a Windows 2000/NT domain installed on their network to support the redundant configurations. The redundant servers cannot serve as the domain controllers.
The customer is required to purchase maintenance coverage for the SIEMENS OPENLink hardware configuration. Siemens is not responsible for maintenance of the hardware that is required to run SIEMENS OPENLink.
The Customer will be responsible to develop any policy and procedure guidelines necessary to support their use of the SIEMENS OPENLink system.
At the completion of SIEMENS OPENLink platform configuration delivery, the customer will be briefed by PSCS on Support procedures.

**Customer Support Staff should consist of the following personnel:**
The customer is required to have a LAN Administrator available 24 x 7 on their staff for SIEMENS OPENLink platform/network support. This person should investigate problems before contacting Siemens. This person must be available to work with Siemens to investigate and resolve problems.
The customer will have their own SIEMENS OPENLink interface analyst/programmer available to resolve problems 24 x 7. The customer analyst will investigate problems *before* contacting Siemens as well as be available to work with Siemens once notified to assist with troubleshooting and resolution.
The customer will have a Project Manager to coordinate the details of the installation and migration of interfaces.
The customer will have a Network technician to prepare the network for the installation of the new system and to address any network issues.
SIEMENS CONTACT(S)
Please contact your Siemens representative with any questions you may have regarding the SIEMENS OPENLink software or platform configuration implementation.
AUTHORIZATION TO COPY
This document contains confidential Siemens information and is subject to the nondisclosure provisions of the contract between your institution and Siemens. You may make copies for employees of your institution with a need to know, but are prohibited by this notice from distributing this information to others.

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# Radiology/Mammography
# ASSUMPTIONS DOCUMENT

### Overall Project Implementation Assumptions

1. The Fixed Scope or Estimated Implementation Fees and the Proposed Implementation Workplan are based upon the applications and professional services outlined below. Those applications will be implemented at the following locations/facilities within the scope of this agreement: San Mateo County Health Services – RMS V24 to NOVIUS RMS V25.1 Upgrade and NOVIUS RMS Mammography V25.1.

2. The proposed Implementation Workplan is based upon a fixed duration of four (4) months.

3. The proposed Implementation Workplan, once mutually agreed upon and signed by the Customer and SIEMENS Project Managers (or equivalents), will become the final Implementation Workplan. Changes to the Implementation Workplan must be mutually agreed upon by the parties, in writing and signed by the Customer's designated Project Manager and SIEMENS' Project Manager.

4. The Customer will be responsible for performing all Customer steps outlined within the Implementation Methodology. SIEMENS will consult on this project, and have responsibility for all SIEMENS steps outlined in the Implementation Methodology. The scope of the tasks assigned to and performed by SIEMENS personnel will not extend beyond those stated in the Implementation Workplan.

5. If Customer requests, and SIEMENS agrees to perform additional tasks beyond the workplan scope, these changes will be documented, approved, and implemented using the change management process documented in the Project Scope document. The Customer will be billed separately on a time and materials basis based upon the prevailing hourly rate. Alternatively, SIEMENS and Customer may agree to a corresponding increase to the Fixed Scope or Estimated Implementation Fees, with a new fixed monthly payment schedule reflecting the increased scope, increased fees and longer time frame, as applicable.

6. The Customer will assign Project Team members per the workplan requirements. The Customer team members will possess the skill set recommended by SIEMENS and defined on the roles and responsibilities document, including the business expertise and knowledge of the Customer operations necessary for their participation and decision making during the implementation.

7. The Customer will assign an Executive Sponsor who will facilitate implementation-related decisions made across the enterprise.

8. SIEMENS will train Core Trainers who in turn will be responsible for end-user training.

9. The Customer will assume responsibility for the installation of necessary devices and implementation of any network enhancements and may contract for additional SIEMENS professional services from the appropriate group, if needed. If the Customer chooses to install a network or equipment not recommended by SIEMENS, this could result in a delay in the implementation.

10. Except as otherwise set forth in the Agreement, Customer shall be responsible for the integration of any technology required for the operation of the System into its own enterprise environment. Such integration may include but is not limited to implementation and ongoing operation of operating system software, networking software, databases, reporting tools, terminal emulation software, printer support software, TCP/IP address strategy using registered addresses, LAN installation and performance, metropolitan-area WAN performance, and server and/or desktop electronics installation and operation. At Customer's request, SIEMENS will submit a quotation to provide any required technology integration services to meet Customer-defined requirements.

11. The Customer will provide the SIEMENS Project Team appropriate working space that includes desks, phones, analog dial up lines, fax and copy machines, and access to SIEMENS systems and a network printer.

12. The Customer will attend all education classes recommended by SIEMENS. The SIEMENS Education Solutions Department will conduct SIEMENS classes at a SIEMENS training location unless alternate arrangements are made. If on-site education is arranged, a separate quote will be provided by SIEMENS.

13. The Customer has appropriate training and/or experience in the operation of the selected system platform and will be responsible for the performance of daily processing of scheduled functions as stated in the application systems and operations documentation. These responsibilities will commence once the software is delivered and the appropriate software acceptance task(s) in the Implementation Workplan have been completed.

14. The SIEMENS application(s) being implemented will replace current automated system(s), unless indicated otherwise in the application software assumptions.

15. The Customer will reimburse Travel and Living expenses for SIEMENS personnel separately, as incurred.

16. This Fixed Scope or Estimated Implementation Fees for performing professional services is predicated upon the assumptions listed in this report. If any one or more of these assumptions proves materially inaccurate such that SIEMENS is asked or expected to perform more tasks or broaden the scope or time frames of existing tasks assigned to SIEMENS or assume other responsibilities, SIEMENS reserves the right to increase the scope and fees accordingly to account for such inaccuracy.

## Application Specific Assumptions

### NOVIUS Radiology Network

1. The Customer is solely responsible for the wide area network (WAN) and/or local area network ((LAN) installation or upgrade and network design and installation. If SIEMENS is required to complete a network assessment to determine any WAN, LAN or network installations/upgrades, or complete the resulting WAN, LAN or network installation, a separate Professional Services Quote (PSQ) will be required.

### NOVIUS Radiology Hardware

1. SIEMENS will re-evaluate the hardware configuration of the current V24 system prior to the installation of V25.1. The Customer will be responsible for the purchase of any additional hardware if needed.

2. Only SIEMENS Radiology CSS approved devices and software will be implemented. Non-standard hardware or software will be the sole responsibility of the Customer and considered outside the scope of this implementation. SIEMENS assistance, if desired, will be quoted and approved by the Customer prior to work beginning, will be billed separately and could possibly extend the time line of the implementation.

3. The Customer will have operational upon conclusion of software delivery, a training area containing a minimum of one of each device that the Customer intends to use with the application, 2 PC Workstations and 1 Format Server.

4. The Customer will be responsible for implementing, testing and troubleshooting additional building devices, as well as, end user devices.

5. SIEMENS will not be held responsible for delays due to peripheral devices or hardware ordered from an outside vendor. SIEMENS will however be responsible for coordination of hardware ordered via SIEMENS and make a best faith effort to avoid delays that could negatively impact the time line of the project.

### NOVIUS Radiology Software

1. Assumes no additional hardware is required for the upgrade to NOVIUS Radiology V25.1.

2. Assumes implementation of NOVIUS Radiology V25.1and a simultaneous install of Radiology Mammography V25.1.

3. Assumes one LIVE event for the Radiology upgrade and Mammography net new install.

4. Assumes customer is responsible for any work effort associated with third party interface engine.

5. Assumes a single entity implementation with the workplan and fees designed for such.

6. The interface is built on the customer's current version of software

7. Although we try to make these interfaces adaptable to migrate forward with future upgrades, the interface is not warranted on any version of software other then their current delivered version of RMS. Future software upgrades may require additional work at cost to the customer

8. This customization quote does not include hours for any projects that are currently being installed or analyzed at this time.

9. As part of any customization, Systems Integration will store custom interface fields in model user defined fields in the RMS database. These fields will be available to be printed on reports, however they will not be viewable in the RMS system

10. Assumes an upgrade from V24 Radiology to NOVIUS Radiology V25.1.

11. Assumes a standard 2-way HIS → RMS interface communicating Admission, Discharge and Transfer (ADT) information, orders, results, statuses, updates and charges.

12. The model workplan includes analysis of the currently used documents. The workplan assumes that all new reports will be from the model documents and reports within the Radiology module. The Customer is expected to use model documents and to assume sole responsibility for modification of model documents and reports. SIEMENS assistance, if desired, in modifying and/or testing model documents, will be quoted and approved by the Customer prior to work beginning. These services will be billed separately and could, depending on the extent changes to the model document/report, extend the time line of the implementation.

13. As stated in the general assumptions, SIEMENS will assume responsibility for training Customer Core Trainers. The Customer Core Trainers must then assume full responsibility for training all end users. The SIEMENS Consultant will provide sample training materials for the Customer. The Customer must modify these materials to suit their environment. If SIEMENS assistance is requested for the modification or creation of training materials, or for the completion of end user training, these services will be quoted and approved by the Customer before training begins. These services will be billed separately and dependent upon resource availability could extend the time line of the project.

14. The Customer will assume responsibility for testing of their system at the completion of the upgrade build to ensure that it operates as expected in their environment. The SIEMENS Consultant will provide a sample testing script for the Customer. The script must be modified to suit the needs of individual Customers. The role of the SIEMENS Consultant will be to guide, troubleshoot and escalate issues, as appropriate. If SIEMENS is requested to participate in a more active role in testing, this service will be quoted and approved by the Customer before work is begun and will be billed separately.

## NOVIUS Radiology Resource Commitment/Skill Set/Education

1. As directed in the methodology, the Customer will adapt all policy and procedure guides necessary to support their use of the NOVIUS Radiology system.

2. The Customer will provide a knowledgeable UNIX resource for the duration of the upgrade.

3. The Customer will provide a resource knowledgeable in SQL (SYBASE) for document and form design.

4. The workplan assumes that the customer has already attended the following education requirements:

5. NOVIUS Radiology Management Implementation for V24

6. 5 day class given by SIEMENS Education Solutions

7. This course provides a comprehensive overview through lecture and demonstration. Attendees will gain an understanding of system set-up, functions, and maintenance through hands on exercises designed to teach you how to customize processing and improve productivity.

8. NOVIUS Radiology Management Forms Design

9. 5 day class given by SIEMENS Education Solutions, 1-610-219-4600

10. An optional prerequisite to this class is to complete the SYBASE Basic T-SQL Programming Courseware CBT. This CBT can be obtained from Education Solutions. The NOVIUS Radiology Management Forms Design class will provide hands on training to help you improve the Radiology Management system through the building of forms and documents to support your hospitals needs. Attendees will learn how to build new documents or modify system supplied model documents. Attendees will also learn how to troubleshoot and fix common problems related to building documents.

## NOVIUS Radiology Mammography V25.1 Hardware

1. The Mammography Workplan assumes minimal installation of hardware to support the Mammography physician users and Mammography Department only.

2. Only SIEMENS CSS approved devices and software will be implemented. Non-standard hardware or software will be the sole responsibility of the Customer and considered outside the scope of this implementation. SIEMENS assistance, if desired, will be quoted and approved by the Customer prior to work beginning, will be billed separately and could extend the time frame of the implementation.

3. Upon conclusion of software delivery, the Customer will have an operational training area containing a minimum of one of each device that the Customer intends to use with the application, including PC Workstations and Print Formatters.

4. The Customer will be responsible for implementing, testing and troubleshooting additional building devices, as well as, end user devices. SIEMENS assistance, if desired, will be quoted separately and approved by the Customer prior to work beginning. Services will be billed separately and could extend the time frame of the project.

5. SIEMENS will not be held responsible for delays due to peripheral devices or hardware ordered from an outside vendor. SIEMENS will however be responsible for coordination of hardware ordered via SIEMENS and make a best faith effort to avoid delays that could negatively impact the time frame of the project.

**NOVIUS Radiology Mammography V25.1 Software**

1.  Assumes implementation of NOVIUS Radiology Mammography V25.1 simultaneously with the RMS v24 to V25.1 upgrade. (assumes one Live event for RMS upgrade and Mammography net new)

2.  The Mammography System does not interface to other systems aside from the NOVIUS Radiology system.

3.  The model workplan includes analysis and explanation of the use of model documents and reports within the Mammography module by the SIEMENS Consultant and the SIEMENS Installations Programmer, as appropriate. The Customer is expected to use model documents when appropriate and to assume sole responsibility for modification of model documents and reports. SIEMENS assistance, if desired, in modifying and/or testing model documents, will be quoted and approved by the Customer prior to work beginning. These services will be billed separately and could, depending on the extent changes to the model document/report, extend the timeline of the implementation.

4.  As stated in the general assumptions, SIEMENS will assume responsibility for training Customer Core Trainers. The Customer Core Trainers must then assume full responsibility for training all end users, including physician users. The methodology will provide sample training materials for the Customer. As stated in the methodology, the Customer must modify these materials to suit their environment. If SIEMENS assistance is requested for the modification or creation of training materials, or for the completion of end user training, these services will be quoted and approved by the Customer before training begins. These services will be billed separately and dependent upon resource availability could extend the timeline of the project.

5.  The Customer will assume responsibility for testing of their system at the completion of the build process to ensure that it operates as expected in their environment. The methodology will provide a sample testing script for the Customer. As stated in the methodology, the script must be modified to suit the needs of individual Customers. The role of the SIEMENS Consultant will be to guide, troubleshoot and escalate issues, as appropriate. If SIEMENS is requested to participate in a more active role in testing, this service will be quoted and approved by the Customer before work is begun and will be billed separately

6.  The Mammography application software does support Windows NT.

7.  The Customer will assume sole responsibility for the master file and/or profile uploads/conversions, as appropriate.

**NOVIUS Radiology Mammography V25.1 Resource Commitment/Skill Set/Education**

1.  As directed by the methodology, the Customer will develop all policy and procedure guides necessary to support their use of the Mammography system.

2.  If the Customer requires third party training on WordPerfect or other software, they must contract for this training separately. An optional WordPerfect 2000, available in V. 26, courseware CBT is available through SIEMENS Education Solutions. Training must occur within a timeframe that is consistent with the workplan and does not inhibit analysis, adaptation or testing of the application software.

3.  The Customer will provide a knowledgeable UNIX resource for the duration of the implementation.

4.  The Customer will provide a resource knowledgeable in SQL (SYBASE) for document and form design.

5.  The Customer will provide a knowledgeable resource in Access or Excel for the purpose of creating and download files and performing conversions of master files and/or profiles into the Mammography system, as appropriate.

6.  The following are the education requirements for NOVIUS Radiology Mammography:

7.  Radiology Mammography Courseware CBT

8.  This Computer-Based Training Course is a prerequisite to the Education Solution sponsored course.
9.  NOVIUS Radiology Mammography

10. 2 day class given by SIEMENS Education Solutions, 1-610-219-4600

11. This course provides a comprehensive overview of the implementation process through lecture, demonstration and use of the SIEMENS Implementation Methodology. Attendees will gain an understanding of system set-up, functions, and maintenance through hands on exercises designed to teach how to customize processing and improve productivity.

# Attachment D

# Schedule 1's

Siemens OPENLink SCHEDULE 1

Date Composed: 07/09/01

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**Applications**                                                      **Release**

    SMS OPENLink                                               23.0
    Redundant Configuration

**Customer Statistics**

    Number of One-way Interfaces                           1-100[1]

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**NOTICE**

This Schedule 1 remains valid for 30 days from the composed date. This Schedule 1 includes the computer-related technology for the Siemens applications listed above. This Schedule 1 technology is based on the Customer's responses to the statistics as indicated above and assumes operation on the technology platform of only the Siemens applications listed and the third party software listed herein. Changes or inaccuracies in Customer's responses to these statistics, or the operation of additional software or applications other than those items listed herein, will effect performance of the system and will require changes to this Schedule 1.

Except as otherwise set forth in the Agreement, Customer shall be responsible for the integration of any technology required for the operation of the System into its own enterprise environment. Such integration may include but is not limited to implementation and ongoing operation of operating system software, network software, database, reporting tools, terminal emulation software, printer support software, TCP/IP address strategy using registered addresses, LAN installation and performance, metropolitan-area WAN performance, and server and/or desktop electronics installation and operation. At Customer's request, Siemens will submit a quotation to provide any technology integration services necessary to meet Customer defined requirements.

*This Schedule 1 reflects Simens' proposed offering of a technology solution that provides quality performance and operation of the Siemens application (s) based on customer supplied statistics.*
*010709CU1260S*

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This Siemens Technology Solution includes the following components:

- SMS OPENLink Workstation
- SMS OPENLink Dedicated Client Support Workstation
- Redundant Application/Database Server
- Redundant SNA Gateway Server

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[1] evenly distributed between nodes.

### *SMS OPENLink Workstation*

#### Required Hardware
- An entry level Intel or 100% compatible Pentium II or Pentium III processor (300MHz or higher)
- 1.44 MB 3.5" diskette drive
- CD-ROM drive
- 10/100MB network interface card supported by the network
- SVGA Local Bus video adapter (or Windows accelerated SVGA graphics adapter)
- 17" SVGA monitor
- Keyboard and Mouse
- 128 MB RAM
- (1) disk drive with 1.0GB of free disk space

#### Required Software**
- Microsoft Windows 2000 Professional
- Microsoft Access 2000
- Microsoft Visual C++ Professional Edition Version 6.0 (required for creating user exits, otherwise optional)[2]
- Industry standard virus protection software

### *SMS OPENLink Dedicated Client Support Workstation*[3]

The SMS OPENLink Dedicated Client Support Workstation enables SMS OPENLink personnel to remotely access the customer's system to diagnose and resolve application and/or networking issues, upon request. The additional hardware and software components required for the SMS OPENLink Dedicated Client Support Workstation are:

#### Required Hardware
- 56 Kbps Hayes compatible external modem & cables

#### Required Software**
- Symantec PC ANYWHERE 32 Version 9.2 Host/Remote
- Nico Winzip Version 8.0
- Microsoft Cluster Administrator

** Contact Siemens prior to installation for current Fix Pack and Service Pack requirements.

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[2] Optional component and is not included in the technology price of the Dedicated Client Support Workstation.
[3] At least one SMS OPENLink Workstation must be configured as a Dedicated Client Support Workstation.
In order to provide a controlled environment, no additional software or hardware should reside on the SMS OPENLink Dedicated Client Support Workstation.

## *Application/Database Server – Redundant Configuration*

To preserve service levels, this configuration is based upon the premise that the Application/Database Server will only be used for the SMS OPENLink application. In order to provide a controlled environment, no additional hardware and/or software should reside on the SMS OPENLink Application/Database Server.

### Required Hardware*
- Compaq ProLiant CL380R Dual-Server Cluster with (2) 800MHz processor on each node– in a 42U Rack
- (2) 1.44 MB 3.5" diskette drive[4]
- (2) CD-ROM drive
- (4) 10/100MB network interface card supported by the network ( two on each node)
- (2) SVGA Local Bus video adapter (or Windows accelerated SVGA graphics adapter)
- 15" Flat Panel monitor
- Keyboard and Mouse
- Console Port Switchbox
- (2) 56Kbps Hayes compatible external modem/cable
- 512MB RAM (256MB on each node)
- (8) 9.1GB 10,000 RPM Wide Ultra3 SCSI Universal disk drives[5]
- RAID 1 for OS Drives, RAID 5 for Data drives
- Compaq CR3500 Shared Storage Controller
- (2) 20/40GB DAT Tape Drive[6]
- (10) 20/40GB DAT Tape Cartridges

### Required Software**
- (2) Microsoft Windows 2000 Advanced Edition license, option pack, media and documentation[7]
- (2) Microsoft Access 2000
- (2) Microsoft Visual C++ Professional Edition Version 6.0
- (2) Microsoft Internet Explorer 5.0.
- (1) Microsoft Windows 2000 Server Resource Kit
- (2) Symantec PC ANYWHERE 32 Version 9.2 Host/Remote
- (2) Nico Winzip Version 8.0
- Backup Software:
  - ⇒ (2) Computer Associates ARCserve Advanced Edition for Windows 2000
  - ⇒ (2) Computer Associates Backup Agent for Open Files for Windows 2000
  - ⇒ (2) Computer Associates Disaster Recovery for Windows 2000
- (1) Network Associates Netshield Virus Scan Security Suite for Windows 2000; 5 Node License, media & 2yr subscription
- (2) Compaq Pathworks 32 Version 7.2 licenses
- (1) Compaq Pathworks 32 Version 7.2 media

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[4] (40) blank diskettes will be provided for disaster recovery, emergency recovery and documentation backup.
[5] (2) drives on each node for O/S set RAID 1, (3) drives in shared storage enclosure, (1) drive for hot spare
[6] It must support the Microsoft Windows 2000 operating system and CA ARCserve for Windows 2000 backup
[7] Microsoft Windows 2000 Server license includes (5) Client Access Licenses.

### *Application/Database Server – Redundant Configuration*

**Recommended Services**
- 24X7, 4 Hour Response Time Hardware Maintenance[8]

\* All hardware components are Compaq ProLiant components, unless otherwise noted. Siemens has tested and evaluated these components. Use of third-party products not listed in this quote could impact installation tine frames and/or system performance. Siemens does not recommend the use of substitutes for the technology listed above.

\*\* Contact Siemens prior to installation for current Fix Pack and Service Pack requirements.

### *SNA Gateway Server – Redundant Configuration[9]*

The SNA Gateway provides connectivity to an IBM Mainframe. Microsoft SNA Server cannot be run on the SMS OPENLink Redundant Application/Database Configuration but must be run on separate, external server PC's.

**Required Hardware\***
- (2) Compaq ProLiant ML370R's each with a 866 MHz processor [10]
- (2) 1.44 MB 3.5" diskette drives
- (2) 4x CD-ROM drives
- (4) 10/100Mb network interface cards supported by the network (two on each node)
- (2) SVGA Local Bus video adapters (or Windows accelerated SVGA graphics adapter)
- (2) 56Kbps Hayes compatible external modem/cable
- 256MB of RAM (128MB on each node)
- (2) 9.1GB 10,000 RPM Wide Ultra3 SCSI Universal disk drives
- (2) Hot Plug Redundant Power Supply
- (2) 20/40GB DAT Tape Drive[11]
- (10) 20/40GB DAT Tape Cartridges
- (2) BARR T1-Synch Boards (required for SDLC connectivity to a mainframe system otherwise optional)[12].

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[8] 3 Year Hardware Warranty Uplift to 24X7, 4 Hour Response is included in the technology price of the Redundant Application/Database Server.

[9] The SNA Gateway Server is optional for customers who are not using an Siemens mainframe application.

[10] The Redundant SNA Gateway Server will be installed in the 42U rack along with the Application/Database Server.

[11] It must support the Microsoft NT operating system and CA ARCserve for NT backup

[12] Optional component and is not included in the technology price of the Redundant SNA Gateway Server.

## SNA Gateway Server- Redundant Configuration

### Required Software**

- (2) Microsoft Windows NT Server Version 4.0, option pack, media and documentation[13]
- (2) Microsoft Host Integration 2000[14]
- (1) Microsoft SNA Server Version 4.0 for Windows NT media kit
- (2) Symantec PC ANYWHERE 32 Version 9.2 Host/Remote
- (2) Nico Winzip Version 8.0
- Backup Software:
    - ⇒ (2) Computer Associates ARCserve Advanced Edition for Windows 2000
    - ⇒ (2) Computer Associates Backup Agent for Open Files for Windows 2000
    - ⇒ (2) Computer Associates Disaster Recovery for Windows 2000

### Recommended Service

- 24X7, 4 Hour Response Time Hardware Maintenance[15]

\* All hardware components are Compaq ProLiant components, unless otherwise noted. Siemens has tested and evaluated these components. Use of third-party products not listed in this quote could impact installation tine frames and/or system performance. Siemens does not recommend the use of substitutes for the technology listed above.

** Contact Siemens prior to installation for current Fix Pack and Service Pack requirements.

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[13] Microsoft Windows NT Server Version 4.0 includes (5) Client Access Licenses.
[14] Microsoft Host Integration 2000 is license per processor.
[15] 3 Year Hardware Warranty Uplift to 24X7, 4 Hour Response is included in the technology price of the Redundant SNA Gataway Server.

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## Caveats

- Asynchronous interfaces will require a terminal server. Terminal servers are not included in the standard SMS OPENLink configuration. Please notify your Siemens representative, if you need assistance with purchasing a terminal server.

- Application Platform Requirement (APR) documents containing a description of an application in the networking context are currently available on the Siemens Customers Only Web site at www.smed.com. Customers should use the APR documents as aids in making a determination of whether their existing network can support the application being implemented.

- DECnet interfaces are only supported on one of the two nodes in the cluster.

- Redundancy is only supported on a two-node cluster.

- Microsoft SNA Server is not supported on Microsoft Cluster Server, therefore, SNA Server must run on an external Server PC. Contact Siemens Network Services for set up and pricing.

- To provide a controlled environment, no additional software or hardware should reside on the SMS OPENLink Dedicated Support Workstation.

- Where applicable, the required hardware and software of the SMS OPENLink Workstation and the SMS OPENLink Dedicated Support Workstation can be configured on one workstation.

- Siemens requires anti-virus software on all servers and workstations. Siemens assumes that the customer has a process of maintaining the latest anti-virus protection software on all servers and workstations.

- Siemens requires an analog, non-PBX, with Direct Inward Dialing (DID), telephone line for each modem in the schedule1. Telephone lines are not included.

- Siemens customers may elect to replace modems and phone lines for dial-in support with an option to dial-in via the routed network. If dial-in is to be accomplished via the routed network, customers may want to keep a modem and phone line as a backup dial-in method.

# Radiology/Mammography Schedule 1

| Applications | Version |
|---|---|
| NOVIUS® Radiology | V25.1 |
| NOVIUS® Radiology Scheduling | V25.1 |

**Customer Statistics**

| | |
|---|---|
| Concurrent Users (including Radiology Scheduling users) | 40 |
| Radiology Exams Per Year | 1- 100,000 |
| Activities Scheduled Per Year | 1- 100,000 |
| Years Retention of Patient, Exam, and Results Report | 7 |
| Number of Faxed Documents per Day | 300 |

## NOTICE

This Schedule 1 remains valid for 90 days from the composed date. This Schedule 1 includes the computer-related technology for the Siemens applications listed above. This Schedule 1 technology is based on the Customer's responses to the statistics as indicated above and assumes operation on the technology platform of only the Siemens applications listed and the third party software listed herein. Changes or inaccuracies in Customer's responses to these statistics, or the operation of additional software or applications other than those items listed herein, will effect performance of the system and will require changes to this Schedule 1.

Except as otherwise set forth in the Agreement, Customer shall be responsible for the integration of any technology required for the operation of the System into its own enterprise environment. Such integration may include but is not limited to implementation and ongoing operation of operating system software, network software, database, reporting tools, terminal emulation software, printer support software, TCP/IP address strategy using registered addresses, LAN installation and performance, metropolitan-area WAN performance, and server and/or desktop electronics installation and operation. At Customer's request, Siemens will submit a quotation to provide any technology integration services necessary to meet Customer defined requirements.

This Schedule 1 reflects Siemens' proposed offering of a technology solution that provides quality performance and operation of the Siemens application(s) based on customer supplied statistics.

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[16] Optional component and is not included in the technology price of the Dedicated Client Support Workstation.

[17] At least one SIEMENS OPENLink Workstation must be configured as a Dedicated Client Support Workstation. In order to provide a controlled environment, no additional software or hardware should reside on the SIEMENS OPENLink Dedicated Client Support Workstation.

18 All hardware components are Compaq ProLiant components, unless otherwise noted. Siemens has tested and evaluated these components. Using other third party products could possibly cause problems with the install. Siemens will not certify other components due to the enormous number of options/vendors. If other components are used and problems occur, Siemens will help resolve any issues that result on a time and material basis and the customer must except responsibility for any delays and costs associated with the delays in the install process. We recommend no substitutions occur.

19 (20) blank diskettes will be provided for disaster recovery, emergency recovery and documentation backup.

20 (3) drives set in a RAID 5 for O/S and Data, (1) drive for hot swap.

21 It must support the Microsoft Windows 2000 operating system and ARCserve for Windows 2000 backup.

22 SNA protocol support to a mainframe is required only for INVISION,SIGNATURE, and UNITY FMS. The SNA hardware and software components are included in the technology price of the Application/Database server.

23 Contact Siemens prior to installation for current Fix Pack and Service Pack requirements.

[24] 3 Year Hardware Warranty Uplift to 24X7, 4 Hour Response is included in the technology price of the Application/Database Server.

This Siemens Solution is comprised of the following components:

Radiology Workstation
Format Server
Application/Database Server
BISCOM Fax Server
Peripherals

# *Radiology Workstation*

## Required Hardware:

- 300MHZ Pentium II or better processor or 100% compatible Pentium processor
- 1.44  MB 3.5" diskette drive
- CD ROM drive
- 10/100MB Network Interface Card supported by the network
- SVGA Local Bus video adapter (or Windows accelerated SVGA graphics adapter)
- Windows compatible sound card
- 17" SVGA Monitor
- Keyboard and Mouse
- 128 MB RAM
- 2.0GB of disk space

## Required Software:**

- Microsoft Windows 95,98, Microsoft Windows NT Workstation 4.0, or Windows 2000
- Internet Web Browser; Microsoft Explorer 5.0
- A VT emulation package; Siemens recommends Wall Data Rumba Office specific for the version of Windows that is being used by the customer. (Only required for PCs that will use Non-GUI functionality)
- Siemens MessageQ built on BEA
- Wordperfect Office 2000 Service Pack 3 (Only required for PCs that will be used for transcription, report building or Doctors editing reports)

# *Format Server*

Format Servers are PC's dedicated to formatting the documents created in WordPerfect. A minimum of 2 Format Servers are required per hospital, and an additional Format Server is required for every 100,000 procedures over 200,000.

Formatters used for the Radiology application require PC configuration of the appropriate operating system of Windows NT, 95, 98 or Windows 2000 the proper print drivers provided by the printer manufacturer, the RMS software and the appropriate copy of WordPerfect.

At no time should any other software be added to or reside on this formatter. Failure to follow these procedures could result in failure of the formatters to operate in the appropriate manner.

## Required Hardware:

- 300 MHz Pentium II or better processor  or 100% compatible Pentium processor
- 1.44 MB 3.5" diskette drive
- CD-ROM Drive
- 10/100MB network interface card supported by the network
- SVGA Local Bus video adapter (or Windows accelerated SVGA graphics adapter)
- SVGA Monitor
- Keyboard and Mouse
- 128 MB memory
- 2.0 GB Disk Space

## Required Software:**

- Microsoft Windows 95, Windows 98 or NT Work Station 4.0 (SP5), or Windows 2000
- WordPerfect Office 2000 (SP3.0)
- Print Drivers as provided by printer manufacture

** Contact Siemens prior to installation for current Fix Pack and Service Pack requirements.

## Application/Database Server

### Required Hardware: *

- Compaq DS20E with 667MHz Processors – 41U Rack
- 1.44MB 3.5" diskette drive
- CD-ROM drive
- 10/100MB Network Interface Card supported by the network
- Console Monitor and Keyboard
- (2) 3820 Paradyne modems – supporting Asynch PPP connections
- (1) 3820 Paradyne modem – connected to Remote Control Board
- (2) M58-DA25 Hi Speed Modem Adapters
- 512MB RAM
- (2) 9.1GB Internal 10,000RPM Ultra3 Disk Drives
- (18) 9.1GB External 10,000RPM Ultra3 Disk Drives
- Mirroring on Production Environment
- 64-bit Fibre Host Bus Adapter
- HSG80 Array controller with 512MB cache
- 7-Port Fibre Channel Hub
- Ultra SCSI Controller Wide Differential Adapters to tape drive
- Ultra2 Single Ended Adapter
- 6-Bay Ultra2 Disk Drive Cage
- (3) Ultra3 SCSI Split-Bus Universal Shelves
- Ultra SCSI RM Shelf for tape drive
- 40/80GB DLT tape drive
- (14) DLT Tape Cartridges
- DecServer 90M with 2 MB Flash Memory – Used to support Asynch PPP connections for modems for dial-in support and remote printing

### Required Software:**

- Digital Tru64 UNIX Version 4.0F
- Logical Storage Manager and AdvFS Utilities
- Sybase System 12.0 SQL Server License
- Sybase System 12.0 User License (Based on concurrent users)
- Siemens MessageQ built on BEA Version 5.0 or higher – (1) Tier I unlimited client licenses and (1) Tier III server license
- VIKING Version 3.8 Screen Manager Software
- Netscape Fasttrack Webserver V3.07 or higher – Provides intranet services to View via a browser
- C++ 6.0

### Recommended Services:

- 24x7, 4 Hour Response Time Hardware and Software Maintenance
- Sybase 24X7 Support

* All Hardware items are Compaq Alpha Server components, unless otherwise specified. Siemens has tested and evaluated these components. Use of third-party products not listed in this Schedule 1 may effect installation dates and/or system performance. In addition, Siemens does not recommend technology substitutes for the stated requirements.

**Contact Siemens prior to installation for current Fix Pack and Service Pack requirements.

## *BISCOM Fax Server*

### Required Hardware
- BISCOM Faxcom 3000 (2 fax channels)
- PCL 5e Interpretation Software
- TCP/IP for Ethernet

## *Peripherals*

A variety of peripherals are available for use with NOVIUS Radiology. Peripherals are required to provide a complete Radiology system. The common peripherals utilized with NOVIUS Radiology include local printers, remote printers, barcode printers, barcode scanners, pointing devices and modems (for remote printing). Peripherals are not included in this Schedule 1 and Bid. Contact your Siemens Sales Representative for details and pricing on peripheral devices supported by NOVIUS Radiology.

## VPS Schedule 1

## Applications:

       LRS VPS AnyQueue
       LRS VPS PageSorter

## Customer Statistics:

       Compaq Proliant - Single Server Non-redundant Environment

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**NOTICE**

This Schedule 1 remains valid for 30 days from the composed date. This Schedule 1 includes the computer-related technology for the Siemens applications listed above. This Schedule 1 technology is based on the Customer's responses to the statistics as indicated above and assumes operation on the technology platform of only the Siemens applications listed and the third party software listed herein. Changes or inaccuracies in Customer's responses to these statistics, or the operation of additional software or applications other than those items listed herein, will effect performance of the system and will require changes to this Schedule 1.

Except as otherwise set forth in the Agreement, Customer shall be responsible for the integration of any technology required for the operation of the System into its own enterprise environment. Such integration may include but is not limited to implementation and ongoing operation of operating system software, network software, database, reporting tools, terminal emulation software, printer support software, TCP/IP address strategy using registered addresses, LAN installation and performance, metropolitan-area WAN performance, and server and/or desktop electronics installation and operation. At Customer's request, Siemens will submit a quotation to provide any technology integration services necessary to meet Customer defined requirements.

_This Schedule 1 reflects Siemens' proposed offering of a technology solution that provides quality performance and operation of the Siemens application (s) based on customer supplied statistics._

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This Siemens Technology Solution includes the following components:

- LRS VPS/AnyQueue and VPS/PageSorter Server Configuration
- Redundancy Configuration Options

# VPS AnyQueue/PageSorter Server

## Recommended Hardware

| Product Description | Qty |
|---|---|
| PROLIANT ML350 P3-733 128MB 256K TOWER | 1 |
| 18.2-GB Wide Ultra2 SCSI 10,000 rpm Drive (1") | 2 |
| 128-MB PC133MHz Registered ECC SDRAM DIMM | 1 |
| 17IN/16V 27MM 1280X1024 64HZ S710 FD SVGA OSD MPRII | 1 |
| Boca I/O Parallel Port | 1 |
| 12/24GB DDS3 DAT SCSI 5.25HH 7.2GB/HR (OPAL) | 1 |
| Warranty Upgrade 3 yr. 7x24 | 1 |
| Smart Array 431 Controller (Optional) | 1 |

## Recommended Software

| | |
|---|---|
| MS Windows 2000 Professional | 1 |
| Host Integration 2000 (per processor) | 1 |
| Symantec PC AnyWhere V9.0 host/remote | 1 |
| Industry Standard Virus Protection Software | 1 |

**Hardware Total:**      **$28,885**

## Recommended Services

- 24X7, 4 Hour Response Time Hardware Maintenance

## Redundancy Options

- Option 1
- Identical hardware/software/LU6.2/route source-destination configuration for cold swap redundancy
- Option 2
- Identical hardware/software/route source-destination configuration for live load balancing and automatic fail over redundancy *

* - Requires duplicate LRS software component licensing

## Caveats

- Siemens assumes that an Un-interruptible Power Supply (UPS) system and power surge protection is currently in place for all equipment.

- Siemens requires anti-virus software on all servers and workstations.   Siemens assumes that the customer has a process of maintaining the latest anti-virus protection software on all servers and workstations.

# PowerPath 2000 Schedule 1

| Description | Qty | Price | Extension |
|---|---|---|---|
| **Required Third Party Software** | | | |
| | | | |
| Windows2000 Server | | | |
| o Primary Application Server License | 1 | $0 | $1,750 |
| User Licenses Included | 25 | Included | $0 |
| o Additional User Licenses (5-50 users) | 0 | $32 | $0 |
| | | | |
| SQL Server 7.0 | | | |
| o Primary Application Server License | 1 | $813 | $813 |
| o Other Application Server User Licenses | 3 | $135 | $405 |
| o User Licenses (5-50 users) | 10 | $135 | $1,350 |
| | | | |
| MS Office 2000 - Distribution Copy Only | | | |
| o Primary Application Server License | 1 | $599 | $599 |
| o Distribution Server License | 1 | $599 | $599 |
| o User Licenses (5-50 users) | 10 | $599 | $5,990 |
| | | | |
| PC Anywhere | | | |
| o Primary Application Server License | 1 | $181 | $181 |
| o Other Application Server Licenses | 3 | $181 | $543 |
| | | | |
| Crystal Reports 8.0 Professional | 1 | $309 | $309 |
| | | | |
| FacSys Software | 1 | $1,445 | $1,445 |
| | | | |
| *Subtotal Third Party Software** | | | *$13,984* |

* Sales tax and shipping cost not included in pricing.

**Hardware Components**

| Description | Qty | Price | Extension |
|---|---|---|---|
| **Primary Application Server** | 1 | $13,310 | $13,310 |
| *Proliant ML530 PIII 800 (Dual Processor)* | 1 | | |
| *Standard Features* | | | |
| o 256KB Second Level Cache per Processor | | | |
| o 128MB RAM (expandable to 4GB) | | | |
| o 10/100 NIC, CD-ROM, 1.44Mb Floppy Drive | | | |
| o 450 Watt Hot Pluggable Power Supply | | | |
| *Additional Features* | | | |
| o Pentium III 800 Processor Upgrade | 1 | | |
| o Smart Array 3200 Controller | 1 | | |
| o 128MB Memory Module | 3 | | |
| o 9.1GB Hot Swap Drives | 3 | | |
| 18.2 GB Raid 5 Array | | | |

| Description | Qty | Price | Extension |
|---|---|---|---|
| o Internal 12/24GB Tape Drive | 1 | | |
| o DAT Tapes | 10 | | |
| o UPS: APC SMART-UPS 1000VA, 110V | 1 | | |

**Other Application Servers**

| Interface Server - DeskPro | | $1,734 | $1,734 |
|---|---|---|---|
| o Pentium III 667 | 1 | | |
| o 128MB Memory, CD ROM | | | |
| o Windows NT 4.0, 10GB Hard Drive | | | |
| o 10/100 NIC | 1 | | |

| Communication Server - DeskPro EN | | $1,903 | $1,903 |
|---|---|---|---|
| o Pentium III 667 | 1 | | |
| o 128MB Memory, CD ROM | | | |
| o Windows NT 4.0, 10GB Hard Drive | | | |
| o 10/100 NIC | 1 | | |
| o USR External 56k Fax/Modem with Cable | 1 | | |

| Distribution Server - DeskPro EN | | $1,903 | $1,903 |
|---|---|---|---|
| o Pentium III 667 | 1 | | |
| o 128MB Memory, CD ROM | | | |
| o Windows NT 4.0, 10GB Hard Drive | | | |
| o 10/100 NIC | 1 | | |
| o USR External 56k Fax/Modem with Cable | 1 | | |

**Hardware Components - Continued**

| 15" Monitor | 1 | $281 | $281 |
|---|---|---|---|
| 4 Way Monitor Switch and cables | 1 | $384 | $384 |

*Subtotal Hardware Components\**  $19,515

\* Sales tax and shipping cost not included in pricing.

## Receivables Policy Manager

**Applications**          **Release**

Receivables Policy Manager      23.10

NOTICE

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Except as otherwise set forth in the Agreement, Customer shall be responsible for the integration of any technology required for the operation of the System into its own enterprise environment. Such integration may include but is not limited to implementation and ongoing operation of operating system software, network software, database, reporting tools, terminal emulation software, printer support software, TCP/IP address strategy using registered addresses, LAN installation and performance, metropolitan-area WAN performance, and server and/or desktop electronics installation and operation. At Customer's request, Siemens will submit a quotation to provide any technology integration services necessary to meet Customer defined requirements.

This Schedule 1 reflects Siemens' proposed offering of a technology solution that provides quality performance and operation of the Siemens application (s) based on customer supplied statistics.

This Siemens Technology Solution requires the following components:

RPM Workstation
Gateway Server (may be an existing server)

# *RPM Workstation*

## Required Hardware:

- 133 MHZ (or greater) Intel or 100% compatible Pentium, Pentium Pro or Pentium II Processor
- A 10/100MB network interface card supported by the network and cable type (a second NIC card is required if Microsoft SNA Server is deployed***)
- An SVGA Local Bus Video Adapter capable of supporting 800x600 resolution and 16 bit High Color (aka 65536 or 64K)
- 17 " SVGA Monitor or higher.
- Keyboard and Mouse
- 56 Kbps Hayes compatible external modem (Not needed if Siemens can already dial into the network that the RPM Workstation resides on)
- 96 MB RAM
- 80 MB Hard Disk space available
- 60 MB Hard Disk space for IBM Client Application Enabling (CAE) software
- 20 MB Hard Disk space for RPM application software
-

## Required Software:**

- Microsoft Windows 2000
- MS Access 2000 for any workstation using the RPM Standard Report Writer.
- IBM DB2 Connect User License Version 7.1[25]

**      Contact Siemens prior to installation for current Versions, Fix Packs, and Service Pack Requirements
***      Not included in the bid

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[25] Must be a Siemens sanctioned Version/Release/Fix Pack. The DB2 Connect User License software on the workstation must the same version as DB2 Connect Server License on the Gateway Server.

## *Gateway Server (May be an existing server)*

### Required Hardware:

- Compaq Proliant ML370 with (1) 1 GHz processor – Tower
- 1.44 MB 3.5" diskette drive
- CD-ROM drive
- (2) 10/100 MB network interface card supported by the network and cable type (1 for LLC and 1 for IP)
- An SVGA local bus video adapter
- 17 " Color Monitor
- Keyboard and Mouse
- 512 MB of RAM
- (2) 9.1GB 10,000 RPM Wide Ultra SCSI disk drives
- RAID 1 for all drives
- Integrated SCSI Adapter
- Microsoft SNA server Data Link Control (DLC) connected to a routed WAN link (minimum 128K bandwidth) to the Siemens ISC or ICO mainframe***
- LU6.2 port session between the routed WAN to the RPM mainframe DB2 database***

### Required Software:**

- Microsoft Windows 2000 Server with 5 Client Licenses
- Microsoft SNA Version 3.0 with Service Pack 3 or higher (current licensing is SNA Host Integration)
- Microsoft SNA Client Version 3.0 or higher (with current licensing SNA Host Integration includes this license)
- IBM DB2 Connect Enterprise Edition Server License Version 7.1[26] Refer to the RPM entry in the Siemen's Forms Database for the document containing the current list of supported DB2 Connect Versions.

### Recommended Services:

- Compaq 24x7, 4 Hour Response Time Hardware Maintenance
- All hardware components are Compaq Proliant components, unless otherwise noted. Siemens has tested and evaluated these components. Use of third-party products not listed in this quote could impact installation tine frames and/or system performance. Siemens does not recommend the use of substitutes for the technology listed above.

** Contact Siemens prior to installation for current Versions, Fix Packs, and Service Pack Requirements

*** Not Included the Bid

### Caveats:

- The RPM processing maximum per update for each facility is 10,000 active sub-policy actions.

- RCO and UNITY customers will have all mainframe prerequisites applied as part of the RPM installation.

- ICO needs Siemens Software Update Tape (SUT) 99.1 installed

- This Schedule 1 assumes that the INVISION OS/390 server is already onsite in the case of an ICO customer.

- Workstations, Workstation Software, and Peripherals (Printers, etc.) are not included **in the bid**. Contact your Siemens Account Executive for more information.

- Along with the DB2 Subsystem requirement listed under Gateway Server, all customers must have DDF set up in order to fill out the RPM Request Form.

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[1] Must be a Siemens sanctioned Version/Release/Fix Pack. The DB2 Connect User License software on the workstation must be the same version as DB2 Must Connect Server License on the Gateway Server.

- IBM has instructions for setting up DDF in the manual, however, if more assistance is needed, a separate PSR can be opened. Please contact your Siemens Account Executive for more information regarding the PSR.

# Sample Implementation Plans