

System and Network Management

Network Bandwidth Management

Sun Trunking 1.2.1 Software

Trunking 1.2.1 Software, combined with a trunking-capable switch, allows Gigabit Ethernet ports and Quad Fast Ethernet (QFE) ports to be aggregated together to form one logical port. Customers can bundle together 2 Gigabit Ethernet ports, or up to 8 QFE ports, to form a single trunk over existing cables.

Description	Order Number
Media, Documentation and License	
Sun Trunking 1.2.1 includes Sol 8 support. Can be used with X1140A, X1141A, X1034A or X1049A. To be licensed "per server/system". Requires Trunking compatible switch. Sun Trunking allows you to aggregate up to 2 Gigabit Ethernet ports or up to 8 Fast Ethernet ports (2 QFE cards) into a single link.	TRKIS-121-99N9

General Note

- *Read the Software licensing information before ordering any software products. See page 7-2.*

Network Fault/Performance Management

Solstice CMIP 8.2.1

The Solstice CMIP Standard Development Environment (SDE) 8.2.1 includes the X/Open CAE Specification OSI-Abstract-Data Manipulation (XOM) and X/Open CAE Specification Systems Management Protocols (XMP) libraries that are used to develop management applications based on the Open Systems Interconnection (OSI) systems management model. CMIP 8.2.1 operates under Solaris 2.4, Solaris 2.5, Solaris 2.5.1, and Solaris 2.6. This product is I18n enabled and Year 2000 certified.

Solstice CMIP Runtime (RT Deployment product) 8.2.1 is a standard implementation of the Common Information Management Protocol (CMIP) and the Common Management Information Service (CMIS). It provides a comprehensive network management platform for running CMIP applications developed using the Solstice CMIP SDE. CMIP 8.2.1 operates under Solaris 2.4, Solaris 2.5, Solaris 2.5.1, and Solaris 2.6. This product is I18n enabled and Year 2000 certified.

Requires:

- CMIP requires Solaris 2.5, 2.5.1 or 2.6 release.

Description	Order Number
CMIP Standard Development Environment (SDE) RTU License	
Solstice CMIP 8.2.1 SDE Sparc 1 RTU	CMPIIS-821-T999 ¹
Solstice CMIP 8.2.1 SDE for Intel systems, 1 RTU License	CMPII-821-T999
Solstice CMIP 8.2.1 SDE for NT systems, 1 RTU License	CMPIN-821-9999
CMIP 8.2.1 SDE 1 RTU.	CMIP-SDE-821-L1 ¹
CMIP Standard Development Environment (SDE) Documentation and Media	
CMIP 8.2 SDE CD only.	CMIP-SDE-820-CD ¹
CMIP Runtime (RT Deployment product) RTU License	
Solstice CMIP 8.2.1 Runtime for SPARC systems, 1 RTU License	CMPIIS-821-R999 ¹
Solstice CMIP 8.2.1 Runtime for Intel systems, 1 RTU License	CMPII-821-R999 ¹
Solstice CMIP 8.2.1 Runtime for NT systems, 1 RTU License	CMPIN-821-R999
Solstice CMIP 8.2.1 RT 1 RTU SPARC.	CMIP-RT-821-L1 ¹
CMIP 8.1 RTU Only.	CMIP-RT-8.1-X-L1 ¹
CMIP Runtime (RT Deployment product) Documentation Only	
Solstice CMIP 8.2.1 Document set	CMPD9-821-9999 ¹
Solstice CMIP 8.2.1 RT Documentation.	CMIP-RT-821-D ¹
CMIP Runtime for HP-UX Licensing	
Solstice CMIP 8.2.1 for HP-UX RT one RTU.	CMIP-RT-821-L1H

General Notes

- Read the Software licensing information before ordering any software products. See page 7-2.

Footnote

1. This product is OEM-Ready, please refer to the "Ordering Policies and Guidelines" section page 1-1.

Solstice CMIP 8.2.1 Upgrades

Description	Order Number
Solstice CMIP 8.2.1	
Solstice CMIP 8.2.1 SDE SPARC 1 RTU Upgrade.	CMPIS-821-T9U9 ¹
Solstice CMIP 8.2.1 RT SPARC 1 RTU Upgrade	CMPIS-821-R9U9 ¹

General Notes

- *Sun will stock the current revision of all Sun software upgrade products. Customers who have a software support contract automatically receive a copy of the latest revision if the product is covered in their software support contract. For customers not on a software support contract, a new Base Pack must be purchased.*
 - *For customers not on a software support contract, an upgrade license must be purchased. Each workstation must already be licensed to use the previous release of the product. The customer may purchase the product upgrade media, documentation, and license or the product upgrade license only.*
 - *Software upgrade information is subject to change at anytime as Sun's suppliers produce new releases.*
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Ordering Note

- *Read the Software licensing information before ordering any software upgrades.*
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Footnote

1. *This product is OEM-Ready, please refer to the "Ordering Policies and Guidelines" section page 1-1.*

Solstice Enterprise Manager 3.0

Solstice Enterprise Manager 3.0 (SEM 3.0) is a network element management foundation with an advanced distributed architecture that meets the scalability and performance requirements of the Telecommunications Industry and ISP market. The independent protocol and device management characteristics of SEM 3.0 provide these organizations that need to manage large, complex, heterogeneous network environments a consistent and flexible advantage in reaching this goal.

SEM 3.0 is designed for OEMs, System Integrators and Developers, who typically add significant value before it is sold to end-users. If you are unsure if your customer fits this profile please contact SEM product marketing for assistance.

For JDMK 2.0 please refer to "Java Dynamic Management Kit 2.0" in the Software Development section.

Components and Licensing Information:

- Solstice Enterprise Manager 3.0 (SEM 3.0) is available as follows:
- Required Item: As a minimum, new customers must buy at least one copy of the SEM 3.0 CD Media, which contains all software components and on-line documentation.
- Components: Each component of SEM 3.0 is licensed and can be purchased separately. This gives you flexibility in ordering only the necessary components when needed.
- Toolkits: These packages are for developers wishing to extend features of SEM 3.0. Toolkits have an add-on option for Java.
- Upgrades: These packages are for migrating customers from previous SEM implementations, offering SEM 3.0 components at a discount. These upgrades are typically used when a support agreement for upgrades is not in place. As a minimum, new customers must buy at least one copy of the Solstice Enterprise Manager 3.0 CD Media, which contains all software components and on-line documentation. Then, customers purchase appropriate licenses separately for activating the desired software components. The only exception to this requirement is the SEM 3.0 Toolkit, which contains all software components and printed documentation.
- MIS Classifications: SEM 3.0 is licensed and priced using a Management Center classification model. Bronze Management Center is used for systems with 1 to 2 CPUs, such as an Ultra 2. Silver Management Center is used for systems with 3 to 4 CPUs, such as an E3000 or better system. Gold Management Center is used for systems with 5 to 14 CPUs, such as an E3000 and better.
- Tradeups: Trade-up licenses permit customers to upgrade an existing MIS to either Silver or Gold Management Centers.
- Toolkit: SEM 3.0 Toolkit includes one Management Information Services (MIS) Gold License, one Fault Management Applications Client License, one TMN Q3 Interface (MPA) License, one Object Development Toolkit License, one C++ Compiler License, the right-to-develop using the C++ API's, and one printed set of the Toolkit documentation.

Available as an option to the SEM 3.0 Toolkit is the SEM 3.0 Java Toolkit License which includes; one Java DMK Interface (MPA) License, one Java Object Development Toolkit License, the right-to-develop using the Java Management Interface (JMI) API set, and one printed set of Java Toolkit documentation. This package is an add-on option to the SEM 3.0 Toolkit License. SEM 3.0 Access Plus support is required for all SEM 3.0 Toolkit License customers, see <http://access1.sun.com/support/accessplus.html>

- TMNQ3: The SEM 3.0 TMN Q3 Interface (MPA) License includes CMIP Runtime, CMIP Runtime License, and the right to use TMN Q3 interface. The Solstice OSI stack must be purchased separately, if required.

Requires:

- Solaris 2.5.1, 2.6, Solaris 2.7

Solstice Enterprise Manager 3.0 *(continued)*

Description	Order Number
Solstice Enterprise Manager 3.0 Licenses	
Solstice Enterprise Manager 3.0 Management Info. Services (MIS) Bronze License, Grade MC-1, for Use with 1-2 CPU Systems	EMMIS-300ID999 ¹
Solstice Enterprise Manager 3.0 Management Info. Services (MIS) Silver License, Grade MC-2, for Use with 3-4 CPU Systems	EMMIS-300IW999 ¹
Solstice Enterprise Manager 3.0 Management Info. Services (MIS) Gold License, Grade MC-3, for Use with 5-14 CPU Systems	EMMIS-300IE999 ¹
Solstice Enterprise Manager 3.0 Management Info. Services (MIS) License Trade Up: Bronze to Silver (from 1-2 CPU systems to 3-4 CPU Systems)	EMMIS-300IW9T9 ²
Solstice Enterprise Manager 3.0 Management Info. Services (MIS) License Trade Up: Silver to Gold (from 3-4 CPU Systems to 5-14 CPU Systems)	EMMIS-300IE9T9 ³
Solstice Enterprise Manager 3.0 Fault Management Applications Client License	EMAIS-300IR999
Solstice Enterprise Manager 3.0 TMN Q3 Interface (MPA) License, includes CMIP Runtime License and the Right To Use TMN Q3 Interface	EMQIS-300IR999 ⁴
Solstice Enterprise Manager 3.0 Java Dynamic Management Kit (MPA) Interface; includes all software and licenses necessary to enable this component	EMJIS-300IR999 ⁵

Footnotes

1. The Solstice Enterprise Manager 3.0 Management Information Services component is priced using a Management Center classification model.
2. To upgrade from a Bronze to Silver MIS classification, purchase a Management Information Services License Trade Up: Bronze-to-Silver.
3. To upgrade from a Silver to Gold MIS classification, purchase a Management Information Services License Trade Up: Silver-to-Gold.
4. The Solstice Enterprise Manager 3.0 TMN Q3 Interface License includes CMIP Runtime, CMIP Runtime License, and the right to use TMN Q3 interface. The Solstice OSI stack must be purchased separately, if required.
5. The Solstice Enterprise Manager 3.0 Java Dynamic Management Kit Interface License includes all necessary licenses and software to enable this component.
6. The Solstice Enterprise Manager 3.0 end-user documentation includes the Installation Guide and Release Notes.

Solstice Enterprise Manager 3.0 *(continued)*

Description	Order Number
Solstice Enterprise Manager 3.0 Toolkit Licenses	
Solstice Enterprise Manager 3.0 Toolkit License, includes 1 Management Info. Services (MIS) Gold License, 1 Fault Management Applications Client License, 1 TMN Q3 Interface (MPA) License, 1 Object Development Toolkit License, 1 C++ Compiler License, the Right- To-Develop Using the C++ APIs, and 1 Printed Set of the Toolkit Documentation	EMKIS-30AIT999 ¹
Solstice Enterprise Manager 3.0 Java Toolkit License, includes 1 Java Dynamic Development Kit Interface (MPA) License, 1 Java Object Development Toolkit License, the Right-To-Develop Using the Java Management Interface (JMI) API Set, and 1 Printed Set of Java Toolkit Documentation; this package is an add-on option to the Solstice Enterprise Manager 3.0 Toolkit License	EMJIS-30AIT999 ²
Solstice Enterprise Manager 3.0 CD Media Upgrade for SPARC, CD-ROM Single, Both hard copy and On-Line Documentation, Chinese (Simplified)	EMCIS-300-N9UD

Documentation (No Media)

Solstice Enterprise Manager 3.0 End User Hard Copy Documentation	EMEDS-30AIR999 ³
Solstice Enterprise Manager 3.0 Toolkit Hard-Copy Documentation	EMKDS-30AI9999
Solstice Enterprise Manager 3.0 Java Toolkit Hard-Copy Documentation	EMJDS-300I9999

CD Media Only

Solstice Enterprise Manager 3.0 Media, containing all software components and on-line documentation (required for each customer)	EMCMS-30AI9999
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General Note

- *Solstice Enterprise Manager 3.0 Access Plus Support can be obtained at the web site (<http://access1.sun.com/support/accessplus.html>). Solstice Enterprise Manager 3.0 Access Plus Support is required for Solstice Enterprise Manager 3.0 Toolkit License customers. Contact your local Sun Access Plus representative or visit the Access Plus web site for further information.*

Footnotes

1. *A Solstice Enterprise Manager 3.0 Toolkit License includes; one Management Information Services (MIS) Gold License, one Fault Management Applications Client License, one TMN Q3 Interface License, one Object Development Toolkit License, one C++ compiler License, the right-to-develop using the C++ APIs, and one printed set of the Toolkit documentation.*
2. *A Solstice Enterprise Manager 3.0 Java Toolkit License includes; one Java Dynamic Management Kit Interface License, one Java Object Development Toolkit License, the right-to-develop using the Java Management Interface API set, and one printed set of Java Toolkit documentation. This package is an add-on option to the Solstice Enterprise Manager 3.0 Toolkit License.*
3. *The Solstice Enterprise Manager 3.0 end-user documentation includes the Installation Guide and Release Notes.*

Solstice Enterprise Manager 3.0 *(continued)*

Description	Order Number
Solstice Enterprise Manager 3.0 License Upgrades	
Solstice Enterprise Manager 3.0 Management Info. Services (MIS) Bronze License Upgrade, from SEM 2.1 MIS MC-1 License	EMMIS-300ID9U9 ^{1,2}
Solstice Enterprise Manager 3.0 Management Info. Services (MIS) Silver License Upgrade, from SEM 2.1 MIS MC-1 License	EMMIS-300IW9U9 ^{1,2}
Solstice Enterprise Manager 3.0 Management Info. Services (MIS) Gold License Upgrade, from SEM 2.1 MIS MC-2 License	EMMIS-300IE9U9 ^{1,2}
Solstice Enterprise Manager 3.0 Fault Management Applications Client License Upgrade	EMAIS-300IR9U9
Solstice Enterprise Manager 3.0 TMN Q3 Interface (MPA) License Upgrade, includes 1 TMN Q3 Interface License	EMQIS-300IR9U9 ³
Solstice Enterprise Manager 3.0 Toolkit License Upgrade, includes 1 Management Info. Services (MIS) Gold License, 1 Fault Management Applications Client License, 1 TMN Q3 Interface (MPA) License, 1 object Development Toolkit License, 1 C++ Compiler License, the Right- To-Develop using the C++ APIs, and 1 Printed Set of SEM 3.0 Toolkit Documentation	EMKIS-30AIT9U9 ⁴

Footnotes

1. A Solstice Enterprise Manager 3.0 Toolkit License Upgrade (Bronze, Silver, or Gold) includes: one Management Information Services Gold License, one Fault Management Applications Client License, one TMN Q3 Interface (MPA) License, one Object Development Toolkit License, one C++ Compiler License, the right-to-develop using the C++ APIs, and one printed set of the Solstice Enterprise Manager 3.0 Toolkit documentation.
2. To upgrade from a Solstice Enterprise Manager 2.1 MIS MC-1 or MC-2 package, purchase a Solstice Enterprise Manager 3.0 Management Information Services License Upgrade (Bronze, Silver, or Gold). The Solstice Enterprise Manager 2.1 MC-1 classification is equal to a Solstice Enterprise Manager 3.0 Bronze or Silver classification, and a Solstice Enterprise Manager 2.1 MC-2 classification is equal to an Solstice Enterprise Manager 3.0 Gold classification.
3. A Solstice Enterprise Manager 3.0 TMN Q3 Interface License Upgrade includes one TMN Q3 Interface License.
4. To upgrade a Solstice Enterprise Manager 2.1 Toolkit, a Solstice Enterprise Manager 2.0 Developer Kit, or a Solstice Enterprise Manager 2.0 Developer Kit Plus, purchase a Solstice Enterprise Manager 3.0 Toolkit License Upgrade.

Solstice Enterprise Manager 3.0 *(continued)*

Solstice Enterprise Manager 3.0 Management Center classification model

Management Center	Grade	Classification#	Example Platform
Bronze Management Center	MC-1	1 to 2 CPUs	Ultra 2, etc.
Silver Management Center	MC-2	3 to 4 CPUs	Sun Enterprise 3000 and later
Gold Management Center	MC-3	5 to 14 CPUs	Sun Enterprise 3000 and later

Solstice Enterprise Manager 2.1

Solstice Enterprise Manager 2.1 is a network and element management foundation with an advanced distributed architecture, meeting the scalability and performance requirements of the telecommunications industry. It is the industry's premier network and element management foundation for managing large, complex, network environments. It has been designed to provide customers with a scalable, low-cost deployment strategy that is independent of any particular standard, legacy, or future management protocol. Solstice Enterprise Manager can be further extended with Solstice Enterprise Manager Toolkit.

Components and Licensing Information:

- **Components/Licensing:** Each component of Solstice Enterprise Manager 2.1 is licensed and purchased separately, except the Solstice Enterprise Manager Toolkit Package (see Bullet 4). Solstice Enterprise Manager 2.1 customers must buy at least one copy of the Solstice Enterprise Manager 2.1 CD Media, which contains all the software components. Customers can then purchase the appropriate licenses for activating the software components as needed.
- **Management Classifications:** The Solstice Enterprise Manager 2.1 MIS component and Solstice Enterprise Manager 2.1 Management Packages are licensed and priced using a Management Center (MC) classification model. Management Center-1 (MC-1) is used for systems with one or two CPUs (e.g., Ultra 2); Management Center-2 (MC-2) is used for systems with 3-14 CPUs (e.g., Enterprise 3000, Enterprise 4000, and Enterprise 5000).
- **Tradeups:** For most Solstice Enterprise Manager 2.1 components (MIS, Network Management, and Telecom Management), the corresponding Tradeup License permits the customer to upgrade an existing Solstice Enterprise Manager 2.1 MC-1 license to a MC-2 license for the relevant component.
- **Toolkit:** The Solstice Enterprise Manager 2.1 Toolkit Package for developers consists of one license for each of the following software components: MIS, Applications Client, and TMNQ3 Interface, plus the Object Development Toolkit, a C++ compiler, other development tools, CD Media and hardcopy documentation set. Customers must also purchase Solstice Enterprise Manager 2.1 AccessPlus support (see Bullet 7). Additional documentation sets can be purchased separately (see Bullet 8).
- **Management Packages:** The packages offer multiple licenses of Solstice Enterprise Manager 2.1 components at a special discounted price. The Solstice Enterprise Manager 2.1 Telecom Management Package consists of: five MIS Licenses, five Application Client Licenses, and five TMNQ3 Interface Licenses (which include five CMIP Runtimes and five CMIP Runtime Licenses). The Solstice Enterprise Manager 2.1 Network Management Package consists of: five MIS Licenses and five Application Client Licenses only.
- **TMNQ3:** The Solstice Enterprise Manager TMN Q3 Interface License consists of CMIP/MPA license, CMIP license and CMIP stack, but does not include the Solstice OSI stack. Customers requiring the Solstice OSI stack may purchase it separately from the Solstice TMN price list.
- **Documentation:** The Solstice Enterprise Manager 2.1 documentation is provided on the CD Media in html format as standard. The Solstice Enterprise Manager Toolkit is the only product that includes a full set of documentation in hardcopy format and on the CD Media. Individual copies of Solstice Enterprise Manager 2.1 documentation can be ordered via the SunExpress SunDocs service at <http://www.sun.com/sunexpress/>.

Requires:

- Solaris 2.5.1 or later Solaris 2.x release

Solstice Enterprise Manager 2.1 *(continued)*

Description	Order Number
EM 2.1 Media	
Enterprise Manager 2.1 Media and Installation and Release Notes - no license	EMEMS-210-9999
EM 2.1 Applications Client	
Enterprise Manager 2.1 Single Applications Client License	EMAIS-210-9999
EM 2.1 MIS Licenses	
Enterprise Manager 2.1 Single MIS License Management Center-1	EM1IS-210-9999
Enterprise Manager 2.1 Single MIS License Management Center-2	EM2IS-210-9999
Enterprise Manager 2.1 Single MIS License Tradeup to Management Center-2	EM2IS-210-99T9
EM 2.1 Network Management Package Licenses	
Enterprise Manager 2.1 Network Management Package Management Center-1. Includes: 5 MIS License and 5 Application Client Licenses	EN1VS-210-9999
Enterprise Manager 2.1 Network Management Package Management Center-2. Includes: 5 MIS License and 5 Application Client Licenses	EN2VS-210-9999
Enterprise Manager 2.1 Network Management Package Tradeup from Management Center-1 to Management Center-2, Includes: 5 MIS License and 5 Application Client Licenses	EN2VS-210-99T9
EM 2.1 Telecom Management Package Licenses	
Enterprise Manager 2.1 Telecom Management Package Management Center-1, Includes: 5 MIS Licenses, 5 Application Client Licenses, 5 TMN Q3 Interface Licenses	ET1VS-210-9999
Enterprise Manager 2.1 Telecom Management Package Management Center-2, Includes: 5 MIS Licenses, 5 Application Client Licenses, 5 TMN Q3 Interface Licenses	ET2VS-210-9999
Enterprise Manager 2.1 Telecom Management Package License Tradeup, from Management Center-1 to Management Center-2, Includes: 5 MIS Tradeup Licenses, 5 Application Client Tradeup Licenses, and 5 TMN Q3 Interface Tradeup Licenses	ET2VS-210-99T9

General Notes

- Read the Software licensing information before ordering any software products. See page 7-2.

Solstice Enterprise Manager 2.1 *(continued)*

Description	Order Number
EM 2.1 TMNQ3 Interface License	
Enterprise Manager 2.1 TMN Q3 Interface License, Solstice OSI stack not included	EMTIS-210-9999
EM 2.1 Toolkit License and Documentation Set	
Enterprise Manager 2.1 Toolkit License. Includes: Enterprise Manager 2.1 CD, 1 MIS License, 1 Application Client License, 1 TMN Q3 Interface License (ships with a CMIP Runtime and a CMIP Runtime License), Object Development Toolkit, Hardcopy Documentation Set Also: C++ Compiler Media, License & Installation Documentation.	EMKIS-210-T999
Enterprise Manager 2.1 Toolkit Documentation Set	EMKDS-210-9999
EM 2.1 Enduser Documentation	
Enterprise Manager 2.1 End User Hardcopy Documentation Set	EMEDS-210-9999

General Notes

- *Read the Software licensing information before ordering any software products. See page 7-2.*

Solstice Enterprise Manager 2.1 Upgrades

Description	Order Number
Solstice Enterprise Manager 2.1	
Enterprise Manager 2.1 Single Applications Client Upgrade License	EMAIS-210-99U9
Enterprise Manager 2.1 Single MIS License Upgrade Management Center-1	EM1IS-210-99U9
Enterprise Manager 2.1 Single MIS License Upgrade Management Center-2	EM2IS-210-99U9
Enterprise Manager 2.1 TMN Q3 Interface Upgrade. Includes: Single TMN Q3 Interface License, Single CMIP Runtime and Single CMIP Runtime License. Solstice OSI stack not included.	EMTIS-210-99U9
Enterprise Manager 2.1 Toolkit License Upgrade. Includes: Enterprise Manager 2.1 CD, 1 MIS License, 1 Application Client License, 1 TMN Q3 Interface License (ships with a CMIP Runtime and a CMIP Runtime License), Object Development Toolkit, Hardcopy Documentation Set. Also: C++ Compiler Media,	EMKIS-210-T9U9

General Notes

- *Sun will stock the current revision of all Sun software upgrade products. Customers who have a software support contract automatically receive a copy of the latest revision if the product is covered in their software support contract. For customers not on a software support contract, a new Base Pack must be purchased.*
- *For customers not on a software support contract, an upgrade license must be purchased. Each workstation must already be licensed to use the previous release of the product. The customer may purchase the product upgrade media, documentation, and license or the product upgrade license only.*
- *Software upgrade information is subject to change at anytime as Sun's suppliers produce new releases.*

Ordering Note

- *Read the Software licensing information before ordering any software upgrades.*

Solstice GDMO Builder 1.0

GDMO (Guidelines for the Definition of Managed Objects) Builder is part of SunSoft's Solstice for Telecommunications Management product suite, which provides solutions for TMN developers. It is a suite of software tools conformant with GDMO designed to facilitate the rapid development of reliable, standard TMN information models.

The advanced graphical user interface of the GDMO Builder hides the complexity of GDMO/ASN.1 definitions, making it easier to design and edit accurate, conformant object models. Automatic checking features ensure the accuracy of the resulting definitions.

Requires:

- GDMO requires Solaris 2.5, 2.5.1 or 2.6 release.

Description	Order Number
Media and License	
Solstice GDMO Builder 1.0 for SPARC Media and 1 RTU	GDMO-1.0-S
RTU License Only	
Solstice GDMO Builder 1.0 for SPARC system, RTU License only	GDMIS-100-9999
Documentation (No Media)	
Solstice GDMO Builder 1.0 Documentation Set	GDMO-1.0-D
Solstice GDMO Builder 1.0 Documentation only	GDMD9-100-9999

General Notes

- *Read the Software licensing information before ordering any software products. See page 7-2.*

Solstice TMN Agent Tester 1.1

The Solstice TMN Agent Tester automates the testing of TMN agents, allowing them to be tested in isolation before they are deployed with TMN managers. It does this by simplifying the generation of test requests and by acting as a TMN manager to send test requests to an agent under test. The Solstice TMN Agent Tester also receives the replies sent in response to test requests and analyzes them to produce reports on whether a test has passed or failed. The comprehensive test functions of the Solstice TMN Agent Tester cover the test requirements of the development, integration and deployment phases of TMN development projects. The Solstice TMN Agent Tester can also be used for in-depth testing and troubleshooting of existing TMN Agents.

Requires:

- The Solstice TMN Agent Tester requires Solaris 2.5, 2.5.1 or 2.6 release.

Description	Order Number
Media and License	
Solstice TMN Agent Tester 1.1 for SPARC systems, 1 RTU License	TATIS-110-9999

Documentation (No Media)

Solstice TMN Agent Tester 1.1 Documentation Set	TATD9-110-9999
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General Notes

- *Read the Software licensing information before ordering any software products. See page 7-2.*

Solstice TMN Agent Tester 1.1 Upgrades

Description	Order Number
Solstice TMN Agent Tester 1.1	
Solstice TMN Agent Tester 1.1 SPARC 1 RTU Upgrade	TATIS-110-99U9

General Notes

- *Sun will stock the current revision of all Sun software upgrade products. Customers who have a software support contract automatically receive a copy of the latest revision if the product is covered in their software support contract. For customers not on a software support contract, a new Base Pack must be purchased.*
- *For customers not on a software support contract, an upgrade license must be purchased. Each workstation must already be licensed to use the previous release of the product. The customer may purchase the product upgrade media, documentation, and license or the product upgrade license only.*
- *Software upgrade information is subject to change at anytime as Sun's suppliers produce new releases.*

Ordering Note

- *Read the Software licensing information before ordering any software upgrades.*

Solstice TMN Agent Toolkit 2.0

The Solstice TMN Agent Toolkit greatly simplifies the development of TMN agent applications, thereby dramatically reducing the development cost of TMN solutions. It achieves this by hiding much of the complexity of the X/Open Systems Management Protocol (XMP) and the X/Open OSI Abstract-Data Manipulation (XOM) APIs. By providing simple C APIs the toolkit simplifies the process of writing small agents, ensuring low training costs for telcos. The Solstice TMN Agent Toolkit provides a huge gain in productivity by reducing the number of lines of code required to develop a simple agent (600 lines with the toolkit, compared to 22 000 lines directly above XOM/XMP). Such a large reduction is possible because the toolkit automates a large part of the agent development process. Generic functionality is provided by the core agent supplied with the toolkit. The GDMO compiler generates much of the code to be linked with the core agent.

Requires:

- Solstice TMN Agent Toolkit 2.0 requires Solaris 2.4, 2.5, 2.5.1 or 2.6 release.

Description	Order Number
Media and License	
Solstice TMN Agent Toolkit 2.0 Media and 1 RTU	TMN-KIT-2.0-S
Solstice TMN Agent Toolkit 2.0 1 RTU License	TAGIS-200-T999
Solstice TMN Agent Toolkit 2.0 Media and 5 RTU	TMN-KIT-2.0-S5
Solstice TMN Agent Toolkit 2.0 5 RTU License	TAGVS-200-T999
RTU License Only	
Solstice TMN Agent Toolkit 2.0 Sparc RunTime RTU	TAGIS-200-R999
Solstice TMN Agent Toolkit 2.0 for Intel systems, 1 RTU License	TAGII-200-R999
Solstice TMN Agent Toolkit 2.0 for NT systems, 1 RTU License	TAGIN-200-R999
Documentation (No Media)	
Solstice TMN Agent Toolkit 2.0 Docs only	TMN-KIT-2.0-D
Solstice TMN Agent Toolkit 2.0 Documentation only	TAGD9-200-9999

General Notes

- *Read the Software licensing information before ordering any software products. See page 7-2.*

Solstice TMN Agent Toolkit 2.0 Upgrades

Description	Order Number
Solstice TMN Agent Toolkit 2.0	
Upgrade to Solstice TMN Agent Toolkit 2.0 Media and 1 RTU	TMN-KIT-2.0-SU
Upgrade to Solstice TMN Agent Toolkit 2.0 Media and 5 RTU	TMN-KIT-2.0-S5U
Solstice TMN Agent Toolkit 2.0 1 RTU Upgrade	TAGIS-200-T9U9
Solstice TMN Agent Toolkit 2.0 5 RTU Pack Upgrade	TAGVS-200-T9U9

General Notes

- *Sun will stock the current revision of all Sun software upgrade products. Customers who have a software support contract automatically receive a copy of the latest revision if the product is covered in their software support contract. For customers not on a software support contract, a new Base Pack must be purchased.*
 - *For customers not on a software support contract, an upgrade license must be purchased. Each workstation must already be licensed to use the previous release of the product. The customer may purchase the product upgrade media, documentation, and license or the product upgrade license only.*
 - *Software upgrade information is subject to change at anytime as Sun's suppliers produce new releases.*
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Ordering Note

- *Read the Software licensing information before ordering any software upgrades.*

Solstice TMN Product Set CD

Solstice for Telecommunications Management product set, addresses Telecommunications Network and Service Management needs. This product set includes development tools and deployment runtime components for Telecom Network and Service Management needs. Components are:

Development

- Solstice TMNscript Toolkit (1.0.1), TMN/SNMP Q-Adaptor Toolkit (1.0), Solstice CMIP SDE (8.2.1), Solstice GDMO Builder (1.0), Solstice TMN Agent Tester (1.0).

Deployment

- Solstice TMNscript Runtime (1.0.1), TMN/SNMP Q-Adaptor Runtime (1.0), TMN/SNMP Q-Adaptor Runtime (1.0).

Requires:

- Solstice for Telecommunications Management product set requires Solaris 2.5, 2.5.1 or 2.6 release.

Description	Order Number
Media and License	
Solstice TMN Product Set CD only	STMN-PSET-CD
Solstice TMN 4.0 Product Set CD only	STMM9-400-9999

General Notes

- *Read the Software licensing information before ordering any software products. See page 7-2.*

Solstice TMN/SNMP Q-Adapter 1.0

The Solstice TMN/SNMP Q-Adapter protects your investment in existing systems. It enables seamless integration of legacy SNMP elements into the TMN environment, so that a TMN manager using CMIP can manage resources handled by SNMP agents.

The Solstice TMN/SNMP Q-Adapter is more than just a translator. By performing intelligent filtering of the traps sent by SNMP devices, and storing the information in a GDMO MIB which is managed by the TMN manager, the Solstice TMN/SNMP Q-Adapter distributes intelligence through the network, in conformance with standard SMFs.

The Solstice TMN/SNMP Q-Adapter reduces the traffic load and the security risks on the network by polling the network devices locally. Since the TMN manager gets its information from the Solstice TMN/SNMP Q-Adapter, it does not have to poll the SNMP devices directly.

Requires:

- The Solstice TMN/SNMP Q-Adapter requires Solaris 2.4, 2.5, 2.5.1 or 2.6 release.

Description	Order Number
Media and License	
Solstice TMN/SNMP Q-Adapter 1.0 Toolkit Media and 1 RTU + Release Notes	SQA-TK-1.0-S
Solstice TMN/SNMP Q-Adapter 1.0 Toolkit 1 RTU + Release Notes	TASIS-100-T999
Solstice TMN/SNMP Q-Adapter 1.0 1 RTU RunTime only	TASIS-100-R999
Solstice TMN/SNMP Q-Adapter 1.0 Media and 1 RTU + Release notes	SQA-RT-1.0-S
Documentation (No Media)	
Solstice TMN/SNMP Q-Adapter 1.0 Toolkit Documentation Set	SQA-TK-1.0-D
Solstice TMN/SNMP Q-Adapter 1.0 Docs only	TASD9-100-9999
Solstice TMN/SNMP Q-Adapter 1.0 Runtime Documentation Set	SQA-RT-1.0-D

General Notes

- *Read the Software licensing information before ordering any software products. See page 7-2.*

Solstice TMN Script 1.1

Solstice TMNscript is a powerful, user-friendly, scripting development platform for TMN applications. There are two versions of the Solstice TMNscript product:

Solstice TMNscript Toolkit

- The version of the product is designed for the development of simple, small-scale applications and for prototyping. It provides high-level scripting access to industry standard APIs. Solstice TMNscript Toolkit is available for the SPARC platform only.

Solstice TMNscript Runtime

- This version of the product is designed for the deployment of applications developed using Solstice TMNscript Toolkit.

Requires:

- Solstice TMNscript requires Solaris 2.5, 2.5.1 or 2.6 release.

Description	Order Number
Media and License	
Solstice TMN Script 1.1 RunTime for SPARC system, 1 RTU License	TMSIS-110-R999 ¹
Solstice TMN Script Toolkit 1.1 1 RTU License	TMSIS-110-T999 ¹
RTU License Only	
Solstice TMN Script 1.1 RunTime for Intel system, 1 RTU License	TMSII-110-R999 ¹
Solstice TMN Script 1.1 RunTime for NT systems, 1 RTU License	TMSIN-110-R999
Documentation (No Media)	
Solstice TMN Script 1.1 Docs only	TMSD9-110-9999 ¹

General Notes

- *Read the Software licensing information before ordering any software products. See page 7-2.*

Footnote

1. *This product is OEM-Ready, please refer to the "Ordering Policies and Guidelines" section page 1-1.*

Solstice TMN Script 1.1 Upgrades

Description	Order Number
Solstice TMN Script 1.1	
Solstice TMN Script 1.1 Toolkit Upgrade	TMSIS-110-T9U9 ¹
Solstice TMN Script 1.1 RunTime Sparc Upgrade	TMSIS-110-R9U9 ¹
Solstice TMN Script 1.1 RunTime Intel Upgrade	TMSII-110-R9U9 ¹

General Notes

- *Sun will stock the current revision of all Sun software upgrade products. Customers who have a software support contract automatically receive a copy of the latest revision if the product is covered in their software support contract. For customers not on a software support contract, a new Base Pack must be purchased.*
 - *For customers not on a software support contract, an upgrade license must be purchased. Each workstation must already be licensed to use the previous release of the product. The customer may purchase the product upgrade media, documentation, and license or the product upgrade license only.*
 - *Software upgrade information is subject to change at anytime as Sun's suppliers produce new releases.*
-

Ordering Note

- *Read the Software licensing information before ordering any software upgrades.*
-

Footnote

1. *This product is OEM-Ready, please refer to the "Ordering Policies and Guidelines" section page 1-1.*

Solstice Site Manager and Domain Manager 2.3 for Solaris 2.x, 1.x, and Intel

Solstice Site and Domain Manager 2.3 Product Family form a family of scalable and distributed management platforms for any size mission-critical environment.

The product family includes:

- Solstice Site Manager includes Solstice SunNet Manager 2.3 with a license restriction of 100 nodes. Included with Solstice Site Manager is the sender portion of Solstice Cooperative Consoles, which allows management data (topology, events, data requests) to be forwarded to another console. Includes license, media and Documentation.
- Solstice SNM is the same as Solstice Site Manager but with unlimited number of nodes. Included with Solstice SunNet Manager is the sender portion of Solstice Cooperative Consoles. Includes license, media and Documentation.
- Solstice Domain Manager includes Solstice SNM 2.3, the full version of Cooperative Consoles (both sender and receiver) and Network Layout Assistant. Includes media and Documentation.

Requires:

- Solaris 1.x or Solaris 2.4 or later Solaris 2.x release.

Description	Order Number
Media, Documentation, and Single-System License for Solaris 2.x	
For Solaris 2.x	
Solstice Site, SunNet Manager and Domain Manager 2.3 for Solaris 2.x and 1.x Media, Documentation, and Single- System License for Solaris 2.x For Solaris 2.x Solstice Site Manager for Solaris 2.x	SNM-SM-2.3-P
Solstice Site, SunNet Manager and Domain Manager 2.3 for Solaris 2.x and 1.x Media, Documentation, and Single- System License for Solaris 2.x For Solaris 2.x Solstice SunNet Manager for Solaris 2.x	SNM-NM-2.3-P
Solstice Site, SunNet Manager and Domain Manager 2.3 for Solaris 2.x and 1.x Media, Documentation, and Single- System License for Solaris 2.x For Solaris 2.x Solstice Domain Manager for Solaris 2.x	SNM-DM-2.3-P
Documentation (No Media) (Minimum Order quantity: 10)	
Solstice Site, SunNet Manager and Domain Manager 2.3 for Solaris 2.x and 1.x Documentation (No Media) Solstice Domain Manager 2.3 Documentation Kit. Includes Admin Guide, Developers Guide, Trouble Shooter and Reference Guide for Solaris 2.x	SNM-2.3-D
Solstice Domain Manager 2.3 for Intel	
Domain manager 2.3, S2.4, X86	SDM-230-X86-CDB

General Notes

- *Read the Software licensing information before ordering any software products. See page 7-2.*
- *Proxy and agents can be distributed across other systems at no additional charge.*
- *Solstice Site, SunNet and Domain Manager include identical documentation.*
- *Solstice Site, SunNet and Domain Manager has software-enforced licensing, with passwords issued through Sun License Centers.*

Solstice Site Manager and Domain Manager 2.3 for Solaris 2.x, 1.x and Intel Upgrades

Description	Order Number
Solstice Site Manager 2.3 for Solaris 2.x	
Solstice Site Manager 2.3 Upgrade for Solaris 2 CD-ROM Media, documentation and license. Solstice CC Sender is included.	SNM-SM-2.3-PU
Solstice Domain Manager 2.3 for Solaris 2.x	
Solstice Domain Manager 2.3 Upgrade for Solaris 2 CD-ROM Media, documentation and license Solstice CC (full) and Network Layout Assistant are included.	SNM-DM-2.3-PU
Solstice Site Manager 2.3 and Domain Manager 2.3 Per Incident Upgrades for SPARC and Intel Solaris 1 Software Upgrade	SDM-230-S1-CDU1
Solstice SunNet Manager 2.3 for Solaris 2.x	
Solstice SunNet Manager 2.3 Per Incident Upgrade for SPARC and Intel	SNM-230-S2-CDU1
Solstice SunNet Manager 2.3 for Solaris 1.x	
Solstice SunNet Manager for Solaris 1 Software Upgrade This upgrades Solstice SunNet Manager from 2.X to SunNet Manager 2.3.	SNM-230-S1-CDU1

General Notes

- *Sun will stock the current revision of all Sun software upgrade products. Customers who have a software support contract automatically receive a copy of the latest revision if the product is covered in their software support contract. For customers not on a software support contract, a new Base Pack must be purchased.*
- *For customers not on a software support contract, an upgrade license must be purchased. Each workstation must already be licensed to use the previous release of the product. The customer may purchase the product upgrade media, documentation, and license or the product upgrade license only.*
- *Software upgrade information is subject to change at anytime as Sun's suppliers produce new releases.*

Ordering Note

- *Read the Software licensing information before ordering any software upgrades.*

System Management

Solaris Resource Manager 1.2/Solaris Bandwidth Manager 1.6

Solaris Resource Manager is a software solution that enables increased resource availability for users, groups and applications. It provides the ability to allocate and control major system resources such as CPU, virtual memory, and number of processes. Solaris Resource Manager software is the key enabler for server consolidation and increased system resource utilization.

Solaris Bandwidth Manager is a policy-based directory-enabled software solution that enables higher quality of network services. It provides the ability to prioritize network traffic and control bandwidth assigned to users and applications. Solaris Bandwidth Manager is the key enabler for end-to-end Quality of Service networks and increased network resource utilization.

Includes:

Solaris Resource Manager includes the following features:

- Major system resource components: Ability to control CPU, virtual memory, number of processes, number of logins, and connect time.
- Fair-share allocation: Dynamically renewable CPU resources according to predefined policies.
- Hierarchical control model: Map resources to groups within applications and individual users within groups.
- Policy based resource administration: Ability to set resource policies.

Solaris Bandwidth Manager features include:

- Regulates incoming and outgoing IP traffic
- Monitors and allocates IP traffic priorities and bandwidth
- Policy-based management
- Directory enabled - centralized policies and user profiles
- Provides usage statistics and reporting
- Java based GUI

Requires:

- Solaris 2.6, Solaris 7 or Solaris 8

Description	Order Number
Solaris Resource Manager 1.2 for SPARC - Media and RTU License	
Solaris Resource Manager 1.2 for Solaris 2.6, 7 and 8 SPARC Platforms, Workgroup Server License (RTU + Media kit) - English; Solairs Bandwidth Manager 1.6 for Solaris 2.6, 7 and 8 SPARC or X86 Platforms (RTU + Media kit)- English;	SRMIS-120-I999 ¹
Solaris Resource Manager 1.2 for Solaris 2.6, 7 and 8 SPARC Platforms, Sun Enterprise 3X00 Server License (RTU + Media Kit) - English; Solaris Bandwidth Manager 1.6 for Solaris 2.6, 7 and 8 SPARC or X86 Platforms (RTU + Media kit) - English;	SRMIS-120-X999

General Notes

- *This product includes one Right to Use (RTU) license applicable to a specific server system (i.e. Workgroup Servers, E3X00, E4X00, E6X00, E10000). The Right to Use license for Sun Enterprise 10000 system is inclusive of all the domains on the licensed system.*
- *Solaris Resource Manager 1.2 is only available for Solaris 2.6, Solaris 7 and Solaris 8 SPARC platforms. Solaris Bandwidth Manager 1.6 is available for Solairis 2.6, Solaris 7 and Solaris 8 SPARC or X86 platform.*

Footnote

1. *All Netra Servers are included in Workgroup licenses.*

Solaris Resource Manager 1.2/Solaris Bandwidth Manager 1.6 (continued)

Description	Order Number
Solaris Resource Manager 1.2 for SPARC - Media and RTU License (continued)	
Solaris Resource Manager 1.2 for Solaris 2.6, 7 and 8 SPARC Platform, Sun Enterprise 4X00 and 5X00 Server License (RTU + Media Kit) - English; Solaris Bandwidth Manager 1.6 for Solaris 2.6, 7 and 8 SPARC or X86 Platforms (RTU + Media kit) - English;	SRMIS-120-Y999
Solaris Resource Manager 1.2 for Solaris 2.6, 7 and 8 SPARC Platform, Sun Enterprise 6X00 Server License (RTU + Media Kit) - English; Solaris Bandwidth Manager 1.6 for Solaris 2.6, 7 and 8 SPARC or X86 Platforms (RTU + Media Kit) - English;	SRMIS-120-L999
Solaris Resource Manager 1.2 for Solaris 2.6, 7 and 8 SPARC Platform, Sun Enterprise 10000 Server License (RTU + Media Kit) - English; Solaris Bandwidth Manager 1.6 for Solaris 2.6, 7 and 8 SPARC or X86 Platforms (RTU + Media kit) - English;	SRMIS-120-C999
Media Kit - media replacement only	
Solaris Resource Manager 1.2 for Solaris 2.6, 7 and 8 SPARC Platform, media kit (CD-ROM plus doc, no RTU) - English;	SRM9S-120-9999
Solaris Resource Manager 1.2 - Localized	
Solaris Resource Manager 1.2 for Solaris 2.6, 7 and 8 SPARC Platforms, Workgroup Server License (RTU + Media kit) - EN, JA, FR, ZH-TW, ZH; Solaris Bandwidth Manager 1.6 for Solaris 2.6, 7 and 8 SPARC or X86 Platforms (RTU + Media kit) - EN, JA, FR, ZH-TW, ZH;	SRMIS-120-I99M ¹
Solaris Resource Manager 1.2 for Solaris 2.6, 7 and 8 SPARC Platforms, Sun Enterprise 3x00 Server License (RTU + Media Kit) - EN, JA, FR, ZH-TW, ZH; Solaris Bandwidth Manager 1.6 for Solaris 2.6, 7 and 8 SPARC or X86 Platforms (RTU + Media kit) - EN, JA, FR, ZH-TW, ZH;	SRMIS-120-X99M
Solaris Resource Manager 1.2 for Solaris 2.6, 7 and 8 SPARC Platforms, Enterprise 4X00 and 5X00 Server License (RTU + Media Kit) - EN, JA, FR, ZH-TW, ZH; Solaris Bandwidth Manager 1.6 for Solaris 2.6, 7 and 8 SPARC or X86 Platforms (RTU + Media kit) - EN, JA, FR, ZH-TW, ZH;	SRMIS-120-Y99M
Solaris Resource Manager 1.2 for Solaris 2.6, 7 and 8 SPARC Platform Sun Enterprise 6X00 Server License (RTU + Media kit) - EN, JA, FR, ZH-TW, ZH; Solaris Resource Manager 1.6 for Solaris 2.6, 7 and 8 SPARC or X86 Platforms (RTU + Media kit) - EN, JA, FR, ZH-TW, ZH;	SRMIS-120-L99M
Solaris Resource Manager 1.2 for Solaris 2.6, 7 and 8 SPARC Platform Enterprise 10000 Server License (RTU + Media kit) - EN, JA, FR, ZH-TW, ZH; Solaris Bandwidth Manager 1.6 for Solaris 2.6, 7 and 8 SPARC or X86 Platforms (RTU + Media kit) - EN, JA, FR, ZH-TW, ZH;	SRMIS-120-C99M
Media Kit - media replacement only - Localized	
Solaris Resource Manager 1.2 for Solaris 2.6, 7 and 8 SPARC Platform Localized Media Kit (CD-Rom plus documentation, NO RTU) EN, JA, FR ZH-TW, ZH	SRM9S-120-999M
General Notes	
<ul style="list-style-type: none"> <i>This product includes one Right to Use (RTU) license applicable to a specific server system (i.e. Workgroup Servers, E3X00, E4X00, E6X00, E10000). The Right to Use license for Sun Enterprise 10000 system is inclusive of all the domains on the licensed system.</i> <i>Solaris Resource Manager 1.2 is only available for Solaris 2.6, Solaris 7 and Solaris 8 SPARC platforms. Solaris Bandwidth Manager 1.6 is available for Solaris 2.6, Solaris 7 and Solaris 8 SPARC or X86 platform.</i> 	

Footnote

1. All Netra Servers are included in Workgroup licenses.

Solstice AutoClient 2.1 for Solaris 2.x

Solstice AutoClient reduces the cost of desktop management. Solstice AutoClient provides centralized administration for the desktop which eliminates the need to do software installations and backups. Solstice AutoClient turns the desktop's disk to a cache for the operating system, applications, and user data. All administration is done at the server.

Solstice AutoClient 2.1 is also available on the same CD as Solstice AdminSuite 2.3. Customers must purchase the unlimited AutoClient Server License and the appropriate number of AutoClient client Licenses in order to use AutoClient.

A full AdminSuite 2.3 is not required to use Solstice Auto Client. The unbundled AutoClient comes with the Host Manager. Customers that already have Solstice AdminSuite 2.3 installed need only buy additional licenses.

Customers that only want AutoClient and not the full AdminSuite need only install the Host Manager with AutoClient.

Requires:

- Solaris 2.3, 2.4, 2.5, 2.5.1 or later Solaris release on server systems.
- Solaris 2.4, 2.5, 2.5.1 or later Solaris release on client systems.

Description	Order Number
Base Pack (Media, Documentation, and License)	
Solstice AutoClient 2.1 for Solaris 2.x Base Pack (Media, Documentation, and License) CD-ROM, Documentation, Unlimited Server License, and 10 Client Licenses	AUT-2.1-P
Solstice Autoclient v 2.1 single client license only.	SAC-210-R-C1
Additional Licenses (No Media or Documentation)	
Solstice AutoClient 2.1 for Solaris 2.x Unlimited Server License	AUT-SVR-2.1-L
Solstice AutoClient 2.1 for Solaris 2.x Additional 10-Client License Only	AUT-2.1-L10
Solstice AutoClient 2.1 for Solaris 2.x Additional 100-Client License Only	AUT-2.1-L100
Solstice Autoclient v 2.1 500 client license only.	SAC-210-R-C500
Documentation and Media	
Solstice AutoClient 2.1 Documentation	AUT-2.1-D
Solstice Autoclient v 2.1 CD-ROM for Solaris SPARC and Intel.	SAC-210-CD
Solstice AutoClient xxx to 2.1 for Solaris SPARC and Intel Upgrades	
Solstice Autoclient v 2.1 CD-ROM Upgrade for Solaris SPARC and Intel from SAC-xxx-CDB.	SAC-210-CDB-U
Solstice Autoclient v 2.1 single client license only upgrade.	SAC-210-R-C1-U
Solstice Autoclient v 2.1 10 client license only upgrade.	SAC-210-R-C10-U
Solstice Autoclient v 2.1 10 client license only upgrade.	SAC-210-R-C50-U
Solstice Autoclient v 2.1 500 Client license only upgrade.	SAC-210-R-C500-U

General Notes

- Read the Software licensing information before ordering any software products. See page 7-2.
- A Client license is required for every workstation system using AutoClient.

Sun Management Center 2.1.1

Sun Management Center is an open, extensible, standards-based system management solution that facilitates active, enterprise-wide management of Sun system products and their subsystems and components. Sun Management Center software uses Java technology and SNMP protocols to provide an integrated and comprehensive management solution to manage Sun desktops, servers, storage, applications and business processes.

System Requirements:

- Sun Management Center Console Layer: Minimum - Solaris 2.6, Solaris 7, Solaris 8 or Windows 95/98/NT. Suggested - Ultra 2 workstation or systems with equal or greater CPU power and 256MB RAM. This layer requires 25MB of disk space.
- Sun Management Center Server Layer: Requires Solaris 2.6, Solaris 7 or Solaris 8. Minimum - Ultra 2 workstation with 128MB RAM. Suggested - Ultra 2 workstation or system with equal or greater CPU power and 256MB RAM. This layer requires 45MB of disk space.
- Sun Management Center Agent Layer: Requires Solaris 2.5.1, Solaris 2.6, Solaris 7 or Solaris 8. Suggested - Ultra 2 workstation or system with equal or greater CPU power and 256MB RAM. This layer requires 25MB of disk space

Description	Order Number
Sun Management Center 2.1.1 for Servers (RTU License)	
Sun Management Center 2.1.1 (2 Server RTU License) Production Environment	SYMI9-211-E999
Sun Management Center 2.1.1 for 10 servers (RTU license) Production Environment	SYM9-211-E999
Sun Management Center 2.1.1 for 25 servers (RTU license) Production Environment	SYM9-211-E999
Sun Management Center 2.1.1 for 100 servers (RTU license) Production Environment	SYM9-211-E999
Sun Management Center 2.1.1 for Desktops (RTU License)	
Sun Management Center 2.1.1 for 10 desktop pack (RTU license)	SYM9-211-D999
Sun Management Center 2.1.1 for 100 desktop pack (RTU license)	SYM9-211-D999
Sun Management Center 2.1.1 for 250 desktop pack (RTU license)	SYM9-211-D999
CD Media and Documentation	
Sun Enterprise SyMON 2.0.1 Media Kit (media, localized docs)	SYM9-201-999M

General Notes

- Visit the following website for more product details: <http://www.sun.com/sunmanagementcenter>
- License includes right-to-use for Sun Management Center 2.1, server, and agent layers. License is for the number of Solaris servers or Solaris desktops/network devices that are being managed from Sun Management Center 2.1 server layer. Licenses are cumulative.
- Sun Management Center 2.1 is available off the web free-of-charge to manage an individual server or desktop. A right-to-use license is required to manage additional servers or desktops or network devices from the same Sun Management Center platform.
- It is not recommended to install all three layers on one machine. This type of configuration is in direct contrast to industry practices for system management.
- Read the Software licensing information before ordering any software products. See page 7-2.

Sun StorEdge Management Console 1.0 / Sun StorEdge Component Manager 1.0

The Sun StorEdge Management Console implements elements of the proposed specification for the Jiro platform, providing a collection of fundamental storage management framework functions.

The Sun StorEdge Component Manager is the first in a family of Java platform-based Sun StorEdge management plug-ins that rely on the Sun StorEdge Management Console for base platform services.

Among these services are:

- *GUI Navigation*
- *Common Event Notification*
- *Common Logging*
- *Alarm Generation*
- *Remote Notification (phone home)*
- *Distributed Managed Object discovery and communications*
- *Policy Automation Engine*
- *Persistent State*

The Sun StorEdge Component Manager controls and monitors one or more Sun StorEdge arrays and their associated physical enclosures. Sun StorEdge Component Manager 1.0 supports Sun StorEdge A5X00 arrays attached to servers running Solaris Operating Environment software.

Sun StorEdge Component Manager addresses the physical attributes of the StorEdge equipment under its control. It does not manage the logical organization of stored data.

Administrators and service personnel of supported arrays can use Sun StorEdge Component Manager's GUI and the Sun StorEdge Management Console to perform a variety of subsystem tasks:

- *Monitor enclosures by using hardware polling, alarm notification, event logging, and remote reporting for abnormal conditions and activities*
- *Display the status of enclosures, enclosure components, and their associated properties*
- *Exercise control directives on some enclosure components, for example, powering off a disk*

Version 1.0 of the Sun StorEdge Component Manager complements existing command-line actions supplied by luxadm and the STORtools utilities. This release for the Sun StorEdge A5X00 family incorporates many of the luxadm SCSI Enclosure Specification features into a more intuitive display. It also provides remote notification of anomalies through its integration with "phone home" utilities.

System Requirements:

- Solaris 2.6 or Solaris 7
- Sun StorEdge A5x00 Arrays

Description	Order Number
Sun StorEdge Management Console 1.0	
Sun StorEdge Management Console software for Solaris	SMC9S-101-9P9M
Sun StorEdge Management Console software for Solaris Localized versions	SMC9S-101-999M ¹
Sun StorEdge Component Manager 1.0	
Sun StorEdge Component Manager V 1.0 for StorEdge A5x00 arrays on Solaris, Media, Docs - Localized versions	SCMMS-100-999M
Sun StorEdge Component Manager V 1.0 for StorEdge A5x00 arrays on Solaris, Media, Docs - Localized version	SCMMS-100-9P9M ¹

General Notes

- *Read the Software licensing information before ordering any software products. See page 7-2.*

Footnote

1. *May be ordered at no-charge when included in the same order as a new Sun StorEdge A5X00 array or included as an upgrade to an existing Sun StorEdge A5X00 array under a SunSpectrum metal contract.*