

## **Installation: SL8500 Modular Storage Library Installation Service Venezuela**

### **1 Scope**

This service provides Customer with installation and configuration of Customer's SL8500 Modular Storage Library ("Covered System"), as more fully described below ("Service"). As part of the Service, Sun will assess Customer's site to determine the Covered System installation requirements, provide Customer with an Installation and Configuration Plan (as described in Section 2.2 below), install, configure and confirm the functionality of the Covered System, and provide other deliverables as described in Section 2. Sun will make commercially reasonable efforts to provide the Service.

### **2 Sun's Tasks and Deliverables**

#### **2.1 Site Audit**

Based upon Sun's Site Planning Guide for the Covered System, which contains installation recommendations and requirements for the Covered System, Sun and Customer will conduct an audit via telephone (or at Customer's site if Sun so elects in its sole discretion) to:

- Determine installation needs for the Covered System, including such assessments as:
  - the suitability of access routes to the installation location, such as doors, elevators, floor strengths and ramps;
  - the stability of the floor at the location where the Covered System will be installed;
  - the availability of required electrical power to run and maintain the Covered System;
  - the environmental conditions at Customer's site including temperature, humidity, cleanliness; and
  - such other assessments as are determined to be necessary in Sun's sole discretion.

Sun will document the results of the Site Audit ("Site Audit Report") and provide Customer with a copy of the Site Audit Report as set forth in Section 2.4, below.

#### **2.2 Installation Configuration Planning**

Sun and Customer will determine and mutually agree upon the hardware and software installation and configuration requirements of the Covered System as set forth below, which Sun will document in the Installation and Configuration Plan.

- Determine network information such as IP address, netmask, and gateway information for the Covered System.
- Determine whether Customer has purchased the Operations Panel ("OP Panel"), which allows Customer to monitor the diagnostics via an external display on the Covered System, for purposes of planning the installation of the StorageTek Library Console ("SLC"). The SLC is a software application that provides a Graphical User Interface ("GUI") for monitoring and managing the Covered System.
- Determine the version of the firmware used in the Covered System.
- As part of the planning process, Customer will install, configure and test the Host Software Component ("HSC") and Automated Cartridge System Library Software ("ACSL") software programs on Customer's workstation that has network access to the Covered System ("Host"). Both HSC and ACSL are library controller software programs that are responsible for moving tape cartridges and reporting drive status. Sun will install HSC and ACSL on Customer's Host for an additional fee.
- During this phase Customer will provide Sun in writing with any Customer-specific requirements for

the installation and configuration of the Covered System. Sun will document any Customer-specific requirements as approved by Sun in its sole discretion into the Installation and Configuration Plan.

### **2.3 Installation Task Planning**

Sun will provide Customer with a schedule of anticipated dates for the delivery of the Covered System and the commencement of the Service ("Service Schedule").

### **2.4 Installation Specification Document**

Prior to the commencement of the Service, Sun will provide Customer with an Installation Specification Document which will include the Site Audit Report, the Installation and Configuration Plan, and the Service Schedule. Customer must acknowledge its consent to the Installation and Configuration Plan and the Service Schedule in writing prior to the commencement of the Service.

### **2.5 Installation and Configuration of Sun Hardware and Software**

Sun will install the Covered System according to the Installation and Configuration Plan and as set forth below:

- Review the packing list.
- Install the Covered System, including internal and external components.
- Customer must arrange for the Covered System to be connected and grounded to Customer's power supply according to applicable industry standards.
- Label Covered System cables according to EIS standards or Customer's in-house standards as communicated to Sun in writing.
- Power up the Covered System.
- As specified in the Installation and Configuration Plan:
  - Install the SLC software on the Covered System, which is used to monitor the diagnostics of the Covered System. The SLC software can be monitored on either the OP Panel feature, which can be purchased for an additional cost, or on any Customer Host. Customer is solely responsible for installing the SLC software on any Customer Host.
  - Configure the Covered System which includes:
    - Configuring the internal clock.
    - Configuring the Covered System network.
    - Enabling Simple Network Monitoring Protocol (SNMP), which is an industry standard communication protocol that reports the Covered System's error messages and notifies a designated receiver.
    - Configuring the Inter Library Communication (ILC), which is a private ethernet network between two or more Covered System's that are joined, enabling pass through port capability which allows communication between multiple Covered System's.
  - If applicable update the version of the firmware on the Covered System.
  - Run a 48-hour burn-in using Sun's Exerciser utility, which is a diagnostic robotic motion test used to provide move control functions within the Covered System.
  - Provide all other tasks as specified in the Installation and Configuration Plan for the Covered System.

### **2.6 Installation Assessment**

Sun will assess the installation and configuration of the Covered System as follows:

- Examine the event log files generated after the 48-hour burn-in using the Exerciser utility.
- Run other tests on the Covered System that Sun in its sole discretion deems necessary to determine that the Covered System is installed and configured according to the Installation and Configuration Plan.

## 2.7 System Turnover

After Sun has installed and configured the Covered System according to the Installation and Configuration Plan, Sun will conduct a Service review with the Customer for up to one hour and provide a summary of the Service activities carried out by Sun on the Covered System. Sun will also provide Customer with Covered System reference documentation including installation configuration information (“System Turnover”).

- Upon providing Customer with the System Turnover, Customer will confirm Sun's completion of the Service in writing; however, Customer's failure to confirm Sun's completion of the Service shall have no bearing on Customer's acceptance of the Service.

## 3 Customer Responsibilities

- **Site and Systems Access.** Upon Sun's request, Customer will provide Sun with access to Customer's facilities, systems, and operating environment, including root access as necessary for Sun to provide the Service.
- **Point of Contact.** Customer will supply to Sun the name and telephone number of an employee to act as Customer's designated point of contact who will be responsible for supplying Sun with all necessary information, access and approvals related to the Service.
- **Configuration Details.** Customer will supply Sun with any configuration information necessary for Sun to provide the Installation and Configuration Plan.
- **Backup.** Customer is responsible for frequently backing up its data. Sun does not back up Customer data and accepts no responsibility for data that may be corrupted or lost.
- **Hardware and Software.** Any Sun hardware, firmware or software (or updates thereto) required by Customer for the Service must be obtained separately and is subject to separate licensing terms and conditions, including without limitation payment of applicable fees. No license to use any Sun hardware, firmware or software is granted under this Service.

## 4 Additional Provisions

- **Additional Fee Services.** This Service includes only the tasks and deliverables described herein. Customer may purchase additional configuration and implementation services from Sun. Such additional services would be subject to a separate service listing or statement of work and payment of additional fees.
- **Hours of Service.** Unless otherwise expressly agreed upon between Customer and Sun, the Service will be provided during Sun's local business hours, excluding Saturdays, Sundays, and public holidays.
- **Additional Charges.** This Service may not be available or may include additional charges depending upon Customer proximity to a Sun location or in the event that Sun determines that additional on-site visits are required. Customer may contact a Sun sales representative for more details regarding availability.

- **Right to Reduce or Discontinue Support.** It may become necessary as part of Sun's product lifecycle of no more licensed software products to reduce support levels or discontinue support according to Sun's End Of Service Life Policy and, therefore, Sun reserves the right to reduce or discontinue support for certain software products or versions during the course of the Service Schedule. Sun's End Of Service Life Policy is posted at: <http://www.sun.com/service/eosl>.

This Service is subject to your existing services agreement with Sun that governs the delivery of Services. If you do not have a services agreement with Sun that would govern the delivery of Services, then Sun's delivery of Services shall be subject to the terms located at [www.sun.com/sales/salesterms](http://www.sun.com/sales/salesterms). This Service Listing or SOW does not constitute an offer by Sun. The Services described above are subject to availability and unless otherwise stated, are only available within the above-referenced country. Any reference to "Customer" in this Service Listing SOW refers to the party entitled to receive the Services.

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