Cassini Network Integration Form (Pre Ship Questions)

Please view the [RI System Software Network and Data Integration Guide](#) for more information about terms and configuration options. Contact support@roos.com or call 408-748-8589 for assistance.

The form is organized into four Sections:
SITE, CASSINI, GURU, and VIRTUAL WORKSTATIONS.

Each section's heading describes what aspects of the network configuration is impacted by the questions in that section. Please check the option or indicate answer in the blank provided, and supplement any information with the comments at the end of this form. The goal of this form is to allow RI to pre-configure Cassini systems that will be installed at your location and allow you to prepare login credentials at your site. All "Guru" Internet connections enable support capabilities and are recommended, but are optional.

SITE SECTION

Site Contact Information

Primary IT Contact Name: _____

Phone Number: _____

Email Address: _____

Site Test Data Analysis Tools

Test data is provided in standard STDF and ATDF formats.

What analysis platform/software do you use?   □ Other: _____

□ None   □ Spreadsheets   □ In-House   □ Galaxy   □ Syntricity

Site System Naming Convention:

All RI systems have a serial number and common name used to identify it on the network and when shared with RI to provide reliable support. RI recommends a 2 to 4 letter abbreviation with a 1 to 3 digit number. Please avoid "Roos" or "RI" as the name conflict with other sites. If you already have RI Systems, we will continue to use the existing naming convention.

Site Abbreviation: _____   Starting Number: _____ (optional)

Site Domain Name: _____ (for DNS queries,etc.)

Example: A company named "Company Inc." in "Nowhere, USA" could be abbreviated as "CONW" with starting number "01", so the first system send will be named CONW01

Site Test Floor Network Access:

Does the developer workstations have network access to the test floor? □ Yes □ No
Does the test floor have access to the internet? □ Yes □ No (Proxy and Firewalls supported)
Does your network policy allow... (TCP port 50000 required for Guru server access)
　　　Internet connections from the test floor? □ Yes,all ports □ Yes, some ports □ No
　　　Internet connections from workstations? □ Yes,all ports □ Yes, some ports □ No

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CASSINI SECTION

Impact: One Dynamic or Static IP per RI ATE system,

DNS host entries: "cassini1" (matching hostname of system),

Firewall or Proxy support for Guru (tcp 50000), VNC (tcp 5900), or FTP (tcp 21)

Cassini Network Configuration:

Cassini systems connect via a standard TCP/IP based Ethernet network to an on-site Guru Server that provides automated disaster recovery and test data transfer capability.

Cassini Hostname(s): _____

IP Address: □ DHCP   □ Static IP

If DHCP, do you require the MAC address? □ Yes □ No

TCP/IP Settings: (Static IP only)

     IP Address(s): _____ (10.10.10.10)

     Subnet Mask: _____   (255.255.0.0)

     Default Route: _____   (10.10.1.1)

     DNS 1:_____ 2: _____ (10.10.1.2, 10.10.1.3)

Cassini Network Connections (Shared Drives, Printers)

RI system controller can be connected to an appropriately configured SMB/Samba, NSF, or FTP based network resource to distribute data files and print, it can NOT join a Windows Domain or Active Directory based network. PostScript or LaserJet network printers can be used via Parallel, USB, or (preferred) a LDP/LPR network connection. Note: Cassini gets updates via Guru, so a network connection from the developers workstation to the Cassini is not required. Provide details on the attached Worksheet.

Network Drive Share Connection(s):   □ SMB/Samba □ NSF   □ FTP

LDP/LRP Network Printer? □ Yes □ No

LDP/LRP Server IP/Hostname: _____ LDP/LRP Queue: _____ (lp0)

Cassini Network FTP Server (Optional)

RI system controller can also run a FTP server to allow direct access to upload or download files on the drive (i.e. testdata) from the local network or the internet (requires proxy and/or firewall rule modification). Note: The best method to transfer test data is to use a Guru Agent on a Guru Server (next section) to push the data to a dedicated FTP server or mapped network drive.

Enable FTP server?   □ Yes □ No

FTP username: _____ password: _____

Path to share: □ RI Apps Directory □ TestData   □ Other: _____ (i.e. D:\...\Path)

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Cassini Remote Access to System (VNC):

RI System controller can be configured with VNC access to allow direct control of the system remotely from the local network or the Internet (requires proxy and/or firewall configuration). For more information, search RI Documentation (http://roos.com/help) for "Using VNC on Cassini".

VNC server enabled?　□ Yes　□ No

VNC TCP port: _____　(default = 5900)　VNC password: _____

VNC Allowed IP Range: _____ (10.10.*.* or 10.10.0.0/24)

Cassini User Account Security

Logon credentials are maintained at the Guru Server from a provided Administrator account. Default account information is provided on the Worksheet below. Use the Guru User Administrator to change the passwords during the install.

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GURU SECTION

Impact: 1 Static IPs and/or DNS hosts: "guru",

Optional outbound Firewall TCP port 50000 (Guru) and 123 (NTP).

Guru Network Configuration:

All Cassini embedded system controllers can use a Guru Server for disaster recovery. RI offers installation support for the Guru Server image (.ova, .vmx) or file package (.gzp) to be installed on any **customer provided** desktop/server class hardware (minimum: 2Ghz x86 32-bit, 2 GB Ram, 1 TB HDD, Gigabit Ethernet) with OpenSuse 10+ or SLES 10+ Linux operating system, or similar Linux platform (please contact support@roos.com). The Guru Server requires a network connection to the system controllers and the virtual workstations via tcp port 50000. Running a virtual machine image of the Guru Server is recommended. Provide details on the attached Worksheet.

Customer Provided Physical Hardware OS Name & Version: _____ (i.e. "SLES 11")

OR

Customer Provided Virtual Machine Host: □ VirtualBox □ VMWare Server

Guru Hostname: _____ or Static IP Address: _____

Guru based RI Software Updates

All Cassini embedded system controllers can use a Guru Server for disaster recovery.   The Guru Server network appliance is particularly well suited for running as a virtual machine.
RI offers installation support for the Guru Server virtual machine image (.ova) or linux file package (.tar) to be installed on any customer provided desktop/server class hardware.
Hardware (typical): 2Ghz x86 32-bit, 2 GB Ram, 1 TB HDD, Gigabit Ethernet
Software: OpenSuse 10+ or SLES 10+ Linux operating system. Support for a similar Linux platform is possible, please contact support@roos.com prior to shipment.
The Guru Server requires a network connection to the system controllers and the virtual workstations via tcp port 50000 as well as access to any NTP (network time protocol, tcp 123) host.

Use Guru based RI Software Updates: □ YES □ NO

Open outbound port 50000 to allow "Service Requests": □ YES □ NO

Guru NTP host

Guru requires accurate time to function properly. Please provide NTP hostname(s) that are accessable from the Guru Server.

NTP Hostname(s): _____ (0.pool.ntp.org)

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Guru Enterprise

Guru Enterprise can use version control to distribute developer test plans and backup test data between different geographic locations. Communication should be enabled through a secure network connection (VPN) to the remote host. A pair of Guru Backup servers are needed at each geographic location to provide timely recovery in case of a critical RI system controller failure. A primary guru server is mirrored with a backup to allow complete disaster recovery of the guru server itself, all Cassini systems and virtual workstations.

Other Site Guru Hostname: _____ (site2guru.roos.com)

Guru Custom TCP Port: _____ (default 50000)

Please describe what data you want transferred (summary vs details) and in what direction(s):

_____

_____

_____

_____

_____

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Virtual Workstations

Impact: No additional IPs required. Workstation's VPN is used for remote access to a Guru Server. Administrator must install VirtualBox on each users' workstation.

Virtual Workstation (w/ VirtualBox)

The current version of VirtualBox must be installed on the Designer's workstation with Administrator access on any hardware with a processor that supports VT-x or AMD-v. Virtual Machines use NAT to connect to the network and can use FQDN hostnames (i.e. guru.company.com) or IP address to connect to the Guru Server.

Download VirtualBox from here: http://www.virtualbox.org/wiki/Downloads

Virtualbox License FAQ: http://www.virtualbox.org/wiki/Licensing_FAQ

Additional eCS and Guru Ids may be purchased here: http://roos.com/parts/RIK0126A

RI Virtual Workstation image is delivered as a 'virtualbox appliance' (.ova) via physical media (DVD) and must be initialized at the customer site with the provided Guru IDs (floppy disk images) and .

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Comments

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How to return this survey:

Please return completed survey via Fax to +1-408-748-8595 or scan PDF to support@roos.com

Retain the worksheet below and have ready by the install date.

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Network Configuration Worksheet

The following hostname, username and password information needs to be ready by the time the system is installed. Any information provided above will be used to pre-configure the system prior to shipment.

Network Connections

SMB hostname: _____ Share name: _____ (\\server)

SMB username/password: _____

NSF hostname: _____ Path: _____ (hostname)

NSF username/password: _____

FTP hostname: _____ Path: _____ (ftp.company.com)

FTP username/password: _____

LDP/LRP Server IP/Hostname: _____ LDP/LRP Queue: _____ (lp0)

Guru Server Network Configuration

Network Drive: _____
(usually customer configured at site, SMB,NSF,etc...)

Network Username/Password*: _____

Guru Agent Destination FTP Username/Password: _____

Default Guru Account Information:

Logon: Administrator   Password: Adminis

Logon: Designer   Password: Designer

Logon: Operator   Password: Operator

Logon: Maintenance   Password: Maintenance