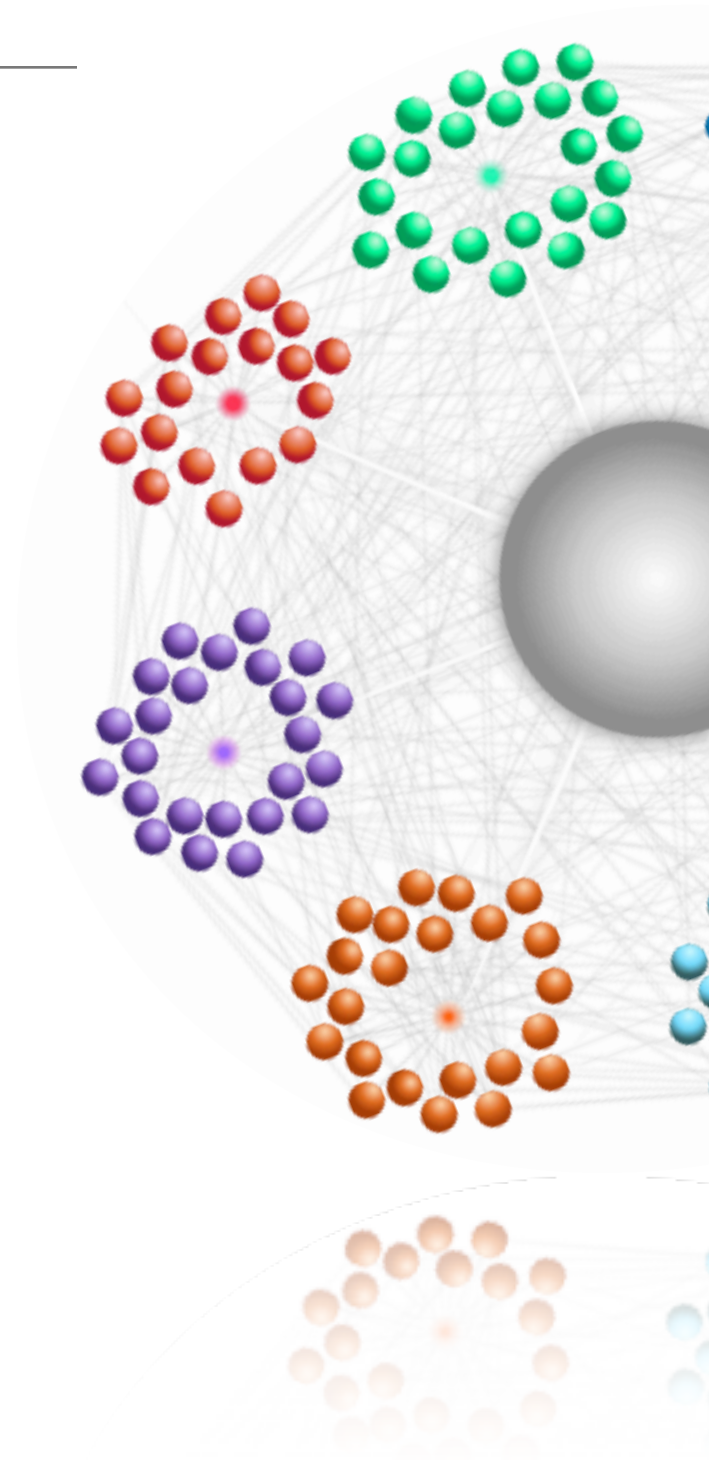


Cassini Administration Training Syllabus



DESCRIPTION

The Cassini Administration Training Course is a requirement for new Administrators and/or advanced Developers that will be responsible for the initial configuration and support for the Cassini System Controller, Virtual Workstation/s, and Guru Server. The course will familiarize students with system site preparation, setup, software maintenance, and customization of Cassini ATE test and data workflow.

PREREQUISITES

This course is designed for new system administrators responsible for the setup, configuration, and maintenance of their organizations' Cassini test system/s. Attendees are expected to have a strong background in IT concepts, computer networking, and an understanding of the fundamental application of these concepts in production test. It is highly recommended that students be able to provide Roos Instruments instructors with pertinent information regarding their administrative requirements for Cassini, including but not limited to pre-existing Network/Server Architecture.

Students must provide their own laptop to access interactive course material.

Windows XP/7/8, Mac OS X 10.7 or later, and Linux SUSE/Ubuntu/Red Hat are supported. Please contact support@roos.com for questions regarding operating systems that are not listed above.

ORGANIZATION

This is a highly-interactive, lecture-lab course in which topics are presented by expert Roos Instruments instructors and engineers with one-on-one instruction. The concepts and implementations of the system and supporting equipment are explained, and hands-on lab periods with a Cassini test system and networked Guru Server demonstrate practical application of in-class concepts. The course serves as an introduction to Cassini's workflow and administration and assumes users have little or no experience with a Cassini system. Therefore, the initial emphases are on the use of equipment and basic procedures.

COURSE OBJECTIVES

The Cassini Administration Training Course will provide comprehensive, hands-on training to prepare students on how to setup and maintain a Cassini ATE System Controller, Virtual Workstation/s, and Guru Server. Upon completion of the course, students will be able to:

1. Understand Cassini's System Controller hardware and the software tools used for test & data management
2. Use applications responsible for data offload and storage, data formatting, network connections, backup & system recovery etc.
3. Use standard and good practices of Cassini's administrative management on the test system
4. To provide students with opportunities to develop basic skills with the software environment and workflow of the Cassini ATE system.

COURSE OUTLINE

Topic	Description
Introduction	<ul style="list-style-type: none"> • Cassini Architecture & Components • Network & Data Integration Concepts
Software Components	<ul style="list-style-type: none"> • Guru - Networked Data & Test Management System • Cassini Controller - Central Processing, Tester Control & UI • Cassini Virtual Workstations - Cassini Simulator on Oracle® VirtualBox
Network Configurations	<ul style="list-style-type: none"> • Guru Server Network Preparation • TCP/IP Settings • Guru Address Book • Remote Access (VNC) • FTP Server Access • Shared Network Folders (SMB/NFS) • Network Printing

Topic	Description
Maintaining Software Systems	<ul style="list-style-type: none"> • Guru Admin Applications • Backup & Recovery • Using Guru Browser • Guru Import/Export • Guru Restore, Sync & Logging
Software Update Controls	<ul style="list-style-type: none"> • Revision Control • Test Program Release Models • User Application Manager • Update Short-Cuts
Users Control & Permissions	<ul style="list-style-type: none"> • Guru User Types & Management • Login Privileges • Creating & Editing User/Group/Guru Permissions
Test Data Management on Cassini	<ul style="list-style-type: none"> • Test Data Distribution with Guru Agents • Creating STDF and/or CSV Data Formats • Data Expiration Rules
Help Guides & Troubleshooting	<ul style="list-style-type: none"> • Error & Warning Message Logs • System Reboot & Recovery • Resolving Guru Connectivity Issues