Unified Manager
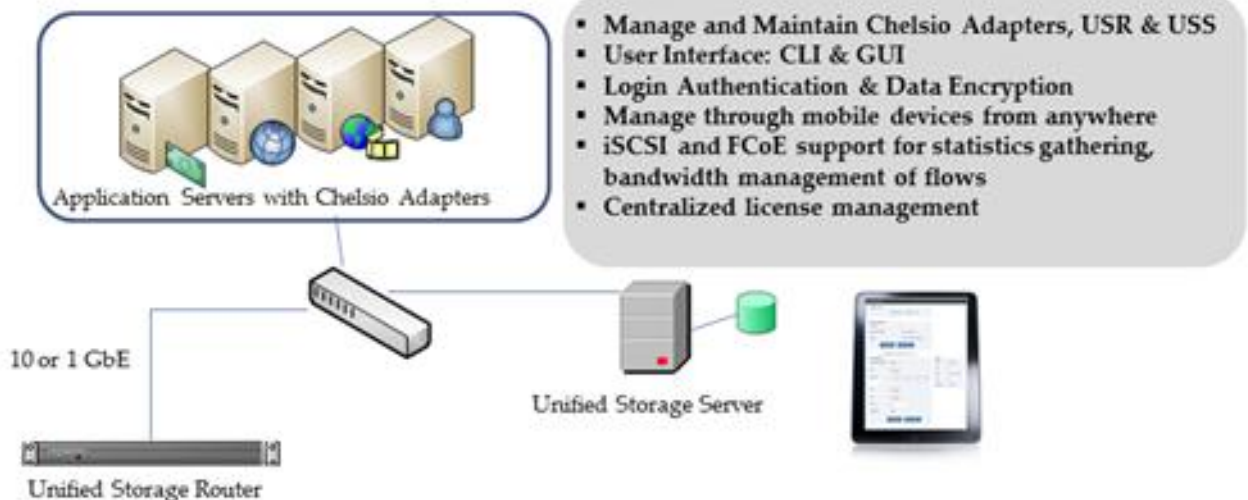## Management Platform for Chelsio Adapters, Unified Storage Router and Unified Storage Server Solutions

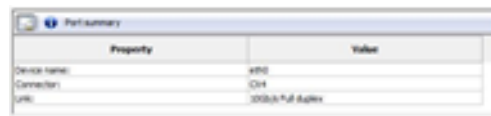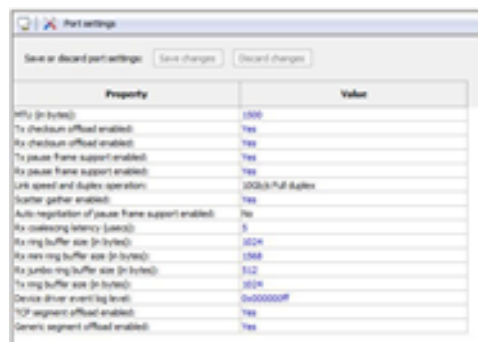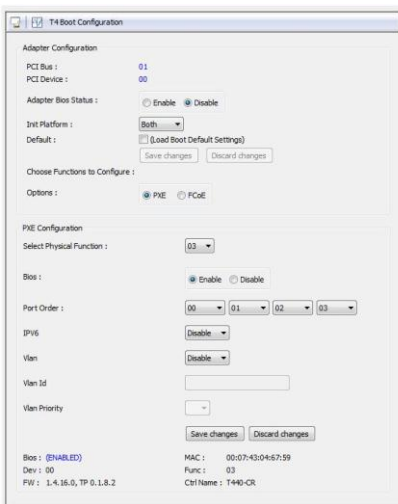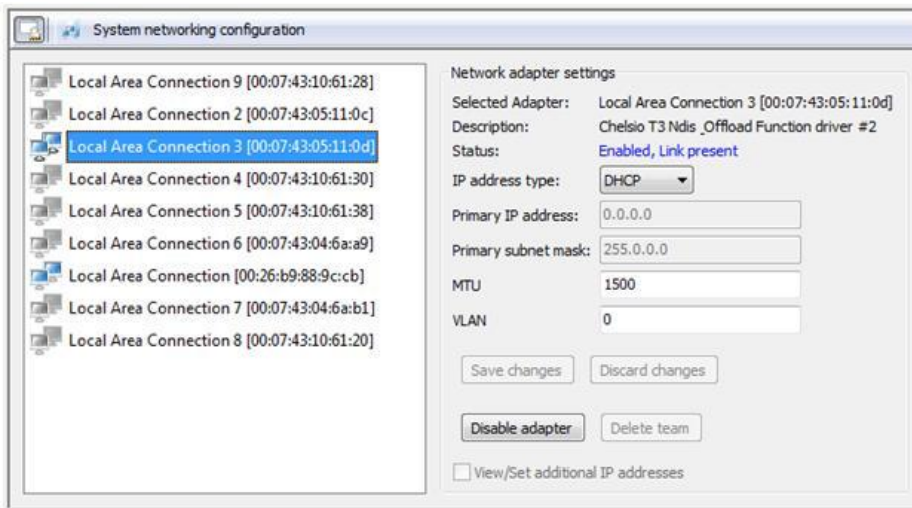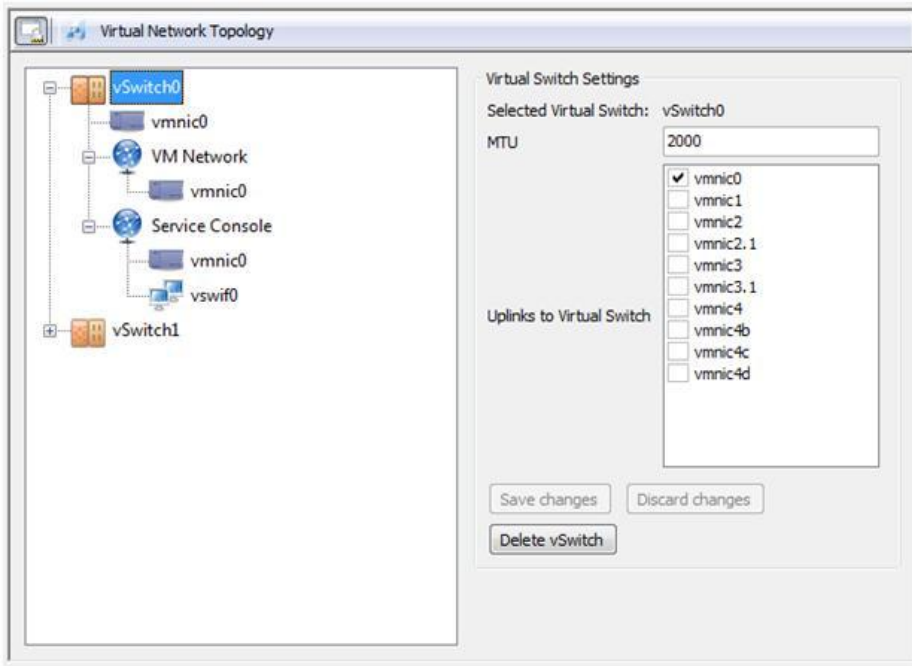## Benefits

- Manage all Chelsio hardware and related software in one window, from anywhere
- Reduces management costs Centralizes management of the SAN
- Centralizes management of Chelsio Adapters, Unified Storage Router and Unified Storage Server from anywhere on the network
- Centralizes management of cluster network
- Combining with Chelsio's Unified Storage provides an end-to-end SAN management solution

CHELSIO'S Unified Manager (UM) software enables users to manage all their Chelsio Unified Wire adapters and Unified Storage Router (USR) and Unified Storage Server (USS) products in one window, from anywhere, centralizing the management of networking and storage (SAN or NAS) environments. While it minimizes operational costs through centralized control, UM easily scales to support small and large deployments. Remote bulk driver installation, boot management, network discovery, automatic alerts and event notification, FCoE support, statistics gathering, managing access controls, bandwidth management of flows, and a variety of other features can now be managed centrally via a mobile device. UM provides for a simplified and uniform management and maintenance experience to the user across Linux, Mac, Solaris, VMWare and Windows environments.

UM includes an intuitive user interface through its graphical user interface (GUI) or through the command line interface (CLI) tool with built-in tools and guides. It manages the networking enterprise by providing a simple, intuitive, and fast way to manage each iSCSI initiator, iSCSI target (Linux only), TOE, NIC and OFED on the network. The Unified Manager enables the management of all aspects of the client side of the iSCSI SAN. Its ability to configure the Chelsio adapter's iSCSI boot option ROM without entering each individual adapter's configuration screen makes network operations extremely efficient. For Windows and Linux users alike, the ability to manage a group of iSCSI initiators centrally from a common user interface remotely is particularly powerful. Unified Manager fully supports the Microsoft Windows initiator as well as Linux's Open-iSCSI initiator. The Chelsio iSCSI initiator is also supported. Chelsio's Unified Manager is an indispensable tool for simplifying network operations and effectively managing Chelsio's high performance products.

- Manage and Maintain Chelsio Adapters, USR & USS
- User Interface: CLI & GUI
- Login Authentication & Data Encryption
- Manage through mobile devices from anywhere
- iSCSI and FCoE support for statistics gathering, bandwidth management of flows
- Centralized license management

Application Servers with Chelsio Adapters

10 or 1 GbE

Unified Storage Server

Unified Storage Router

Features

Chelsio Product Support
- Chelsio T3 and T4 series adapters
- Unified Storage Router
- Unified Storage Server

Adapter Features Managed
- Bulk Driver installation
- Adapter configuration
- PXE, iSCSI boot option ROM for adapters
- iWARP on Windows and Linux
- Event notifications through email

iSCSI Management Support
- Microsoft iSCSI initiator
- Chelsio Windows iSCSI Initiator
- Linux Open-iSCSI
- Solaris iSCSI Initiator
- iSCSI Target

FCoE Initiator Management Support

OS Support
- Windows Server 2008/R2 for UM agents, Vista, Windows 7 for UM clients.
- Linux RHEL 5.6 and 6.0
- Linux SLES 11
- Solaris 10 u9
- MAC OS X(Snow Leopard)
- VMWare ESX 4.1

User Interfaces
- Graphical User Interface (GUI)
- Remote Scriptable Command Line Interface (CLI)
- WEB Management Interface (Web GUI)

Security
- Login authentication
- Encrypted communication

Logging
- File based
- Searchable

Scalability
- Up to 2048 nodes

Ordering Info
UM-1.0   Unified Manager