Scientific Atlanta
A CISCO COMPANY

Subscriber Networks

System Release 4.0

Description

System Release (SR) 4.0 introduces support for the OpenCable® Applications Platform (OCAP™) middleware standard. This release also includes many great features and enhancements that were implemented at the request of our customers.

Features

- **Support for OCAP-Based Applications Increases Options for You and Your Subscribers** — As a cable service provider, your selection of portable and interoperable software just increased. Software suppliers are competing to develop the interactive television services and applications you and your subscribers demand. SR 4.0 adheres to OCAP standards to promote this new plug-and-play business model.

- **New "DOCSIS Only" Option Can Simplify Administration of the Data Network** — In addition to the previously supported DAVIC and mixed DAVIC/DOCSIS® modes, SR 4.0 introduces the new DOCSIS mode for transporting all set-top data over the DOCSIS infrastructure. The DOCSIS option may be beneficial for systems wanting to consolidate data traffic onto their DOCSIS network. As an added potential benefit, the DOCSIS option may allow you to use one common Out-of-Band (OOB) network for multiple set-top vendors. SR 4.0 also introduces single flow multicast support to help you conserve bandwidth on your data network.

- **New Feature Support Brings the CableCARD to the Next Level** — SR 4.0 includes support for the following PKM600 PowerKEY® Conditional Access Module features:

  - Automated Content Protection Binding for Two-Way Hosts

  - Split Channels

- **New Logging Utility Makes Troubleshooting Even Easier** — A new Logging utility makes it easier than ever to capture key information for troubleshooting. Historically, many of the messages in the dncsLog file were simply statuses and did not indicate any problem. Operators had to filter through a lot of status information to find specific error conditions. The new Logging utility allows operators to fine-tune log levels for processes and their libraries, ensuring that the dncsLog file contains more of the information needed to troubleshoot issues.

- **Stage On Demand in the Subscriber's Home** — Instastaging streamlines the set-top staging process for two-way PowerKEY conditional access systems. Rather than racking up large quantities of set-tops to stage from your warehouse, you can allow professional installers or your subscribers to stage set-tops on demand. Instastaging offers two ways to stage set-tops: subscribers can pick up set-tops at retail centers, and then install and provision the set-tops in their homes; or technicians can install and provision set-tops in subscribers' homes.

- **New GUIs Make It Easy to Monitor UI Servers** — A new GUI Servers button on the Utilities tab provides access to powerful UI server monitoring tools. The new UI Server user interface also removes the need to stop and restart the entire DNCS for a single UI server patch. If a UI server requires a patch, you can stop the UI server, install the patch, and then restart the UI server from this new user-friendly interface.

- **UI Enhancements Increase Usability of the Session List** — New filtering options and more detailed session information make it easier to monitor sessions.

- **New UI Eliminates Mirror QAM Modulators for PSIP Configuration**. The new Non-SA Digital Source Definition UI eliminates the need for mirror QAM modulators in PSIP configuration.

Ordering Information

Contact your Sales Representative for product availability in your area.

New Sale Software and Documentation Kits	Part Number
SR 4.0 OCAP, New System Sale Installation – 1 installer	4007723
Upgrade Software and Documentation Kits	**Part Number**
SR 4.0 Upgrade from SR 2.x Installation – 1 installer	4007724
OCAP Object Carousel Platform, Software & License	4013823
OCAP Object Carousel Software for cold spare or backup system	4010906
Direct ASI Card for DNCS and/or OCAP Common Download Carousel	4006426
Annual maintenance for SR and OCAP Carousel S/W	4007727
Standalone Products	**Part Number**
Enhanced Interactive Session Performance v1.0	4000397
Session-based Encryption v1.0	4000396
EAS Filtering v1.0	4000392