Scientific Atlanta

System Release 3.5
Description

System Release (SR) 3.5 is a minor release to SR 3.2 that enhances the functionality of the Digital Broadband Delivery System (DBDS). SR 3.5 includes many features and enhancements that were implemented at the request of our customers.

Key Features

- Overlay — Overlay is an optional feature that supports deployment of Scientific-Atlanta set-tops in a non-Scientific-Atlanta network environment. With Overlay enabled on the DNCS and a network configured for Overlay, Scientific-Atlanta set-tops and non-Scientific-Atlanta set-tops can be mixed throughout the network, independent of headend, hub, or node location.

- Regional Control System (RCS) — RCS allows operators to control remote headend sites from a central Digital Network Control System (DNCS). This architecture allows cable service providers to consolidate management and hardware for remote headend sites, thereby reducing the cost of operations and equipment for the remote site.

- Support for Direct ASI for BFS — Direct ASI simplifies your network by eliminating the need for a Broadcast File System (BFS) Broadband Integrated Gateway (BIG) or for Asynchronous Transfer Mode (ATM) permanent virtual circuits (PVCs). With the proper hardware, you can now send BFS data directly from the DNCS to a BFS QAM modulator.

- Live Upgrade —Live Upgrade allows you to perform most of upgrade process for the operating system or for applications without interrupting most of the system processes. Through use of the Live Upgrade, you can upgrade an Enterprise 450 and Sun Fire V880 server without having to shut down the system processes. This feature reduces the time for Unipack upgrades from 2 nights to 1 night, and it reduces the actual downtime to approximately 2 hours (based on the size of the database and the SARA Server requirements.)

- DOCSIS$^{®}$ — In addition to the previously supported DAVIC and mixed DAVIC/DOCSIS modes, SR 3.5 introduces the new DOCSIS mode for transporting all set-top data over the DOCSIS infrastructure. The DOCSIS features included in SR 3.5 may be beneficial for systems that want to consolidate data traffic onto their DOCSIS network. As an added potential benefit, using DOCSIS may allow you to use one common Out-of-Band (OOB) network for multiple set-top vendors.

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Ordering Information

Contact your Sales Representative for product availability in your area.

New Sale Software and Documentation Kits	Part Number
SR 3.5, New System Sale	4008034
Installation – 1 installer	752293
Upgrade Software and Documentation Kits	
SR 3.5 Upgrade from SR 3.x	4008043
Installation	730207NA
SR 3.5 Upgrade from SR 2.x	4010085
Installation	730207NA
Standalone Products	
Enhanced Interactive Session Performance v1.0	4000397
Session-Based Encryption Licensing v1.0	4000396
EAS Filtering Licensing v1.0	4000392
CA Overlay 1.0	4008033
Regional Control System 1.0[1]	4009933
Installation of Direct ASI Card	730212NA

[1]Prices for RCS installs must be determined by site based on configuration.