Novra DisseMedia™

Overview

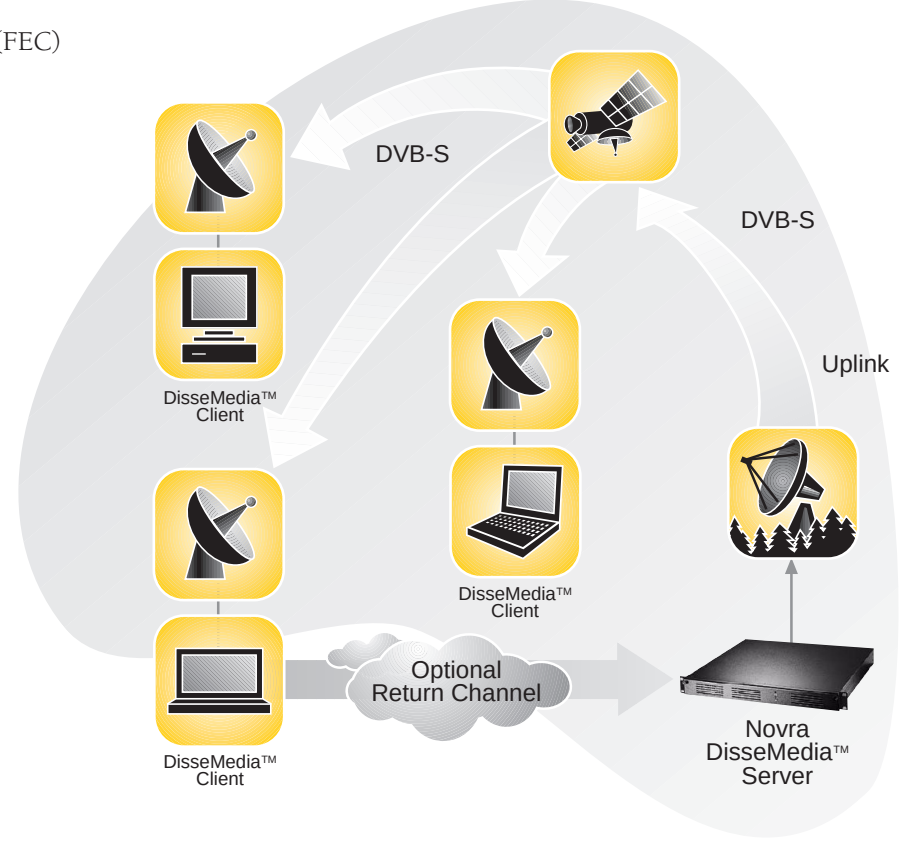
The Novra DisseMedia™ client-server product is an innovative multicasting system based on a flexible software architecture that enables many types of data broadcasting applications. DisseMedia™ is at the cutting edge of technology in terms of speed, security and efficiency and has been designed to allow service providers to reliably distribute digital media. Through an intuitive web-based user interface, the user can manage receiver groupings, publications, schedules and physical channels. It supports multiple acknowledgement schemes or can be run without a return channel using adjustable forward error correction. Receivers can be addressed individually or in groups, and can execute received scripts and programs. DisseMedia™ can be deployed over a TCP/IP network and is optimized for transport over DVB. Optionally, it supports opportunistic flow control under SMPTE 325M, on-board DVB-ASI output and DVB streaming PID profile for additional overhead savings.

Applications

Novra's DisseMedia™ applications range from allowing customers to offer Web and FTP cache updates to the distribution of educational multi-media content. Service providers can use DisseMedia™ to provide private distribution services to multiple content providers, while large corporations will find that DisseMedia™ is perfectly designed to disseminate large files such as software catalogues to customers or database updates to corporate clients and distributed workforces. DisseMedia™ can also distribute music and advertising videos, as well as branded programming, making it an ideal solution for in-store, captive audience, networks.

Features

- Variable Forward Error Correction (FEC)
- Receiver Scripting
- Logging
- Opportunistic Data
- Security
- Addressable Receivers
- Native DVB Transmission
- Receiver, Publication, Schedule, Job & Channel Management



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Technical Specifications Novra DisseMedia™

Server Specifications

Transmission

- Transmission Bit Rate: Operator Configurable
- Number of Channels: Operator Configurable
- Number of Publishers: Operator Configurable
- Maximum Number of Receivers: Unlimited

Transmission Reliability

- Variable FEC 0 to 50%
- NAC or Without Return Channel

Management

- Through a Web Interface
- Remote Client Management
- Scheduling
- Publications
- Channel
- User
- Reporting: Logs and Real-Time Status

Physical Interfaces

- Two Ethernet 100 Base-T LAN Interfaces: RJ-45

Physical/Environmental

- Available in Rack Mount and Tower Configurations
- Operating Temperature: 0C to 50C
- Operating Humidity: 10 to 90% Non-Condensing

Standards/Regulatory

- UDP/TCP/IP Protocol
- IP Multicast
- IEEE 802.3 10/100 Mbps
- FCC/Industry Canada (pending)
- CE (pending)

Receiver Specifications

Operating Systems

- Windows
- Mac OS X
- Linux, Unix

Hardware Requirements (Minimum)

- Pentium/Celeron 133 MHz
- 32 MB RAM

Available Options

- RAID
- Redundant Configurations
- DVB-ASI Output
- DVB Stream PID Profile
- High Bandwidth (up to 40 Mbps)
- Additional Channels
- Additional Publishers

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Printed in Canada, November, 2002