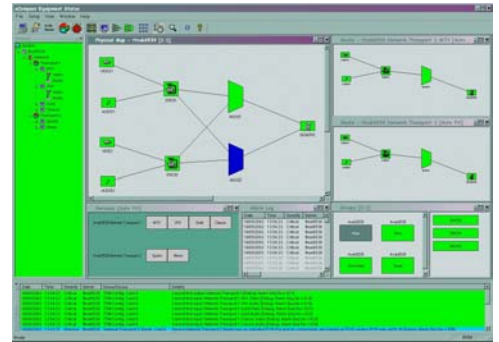




TANDBERG nCompass Control is the complete management system for large MPEG-2 broadcast head-ends for configuration, system monitoring and redundancy.



Business Benefits

- Clear and Intuitive Graphical User Interfaces leads to less operator error
- Powerful and dynamic remultiplexing features mean that less user intervention is required when upstream systems change their configuration
- Future proof investment as nCompass Control is a flexible and scalable solution: start with small 1+1 system and grow to a cost effective multi-mux n+m system
- Dynamic system configuration from internal scheduler or interface to automation give a better use of bandwidth and equipment resources

Application

TANDBERG nCompass Control is ideally suited to controlling and monitoring satellite, cable and terrestrial super head-ends, especially where n+m multiplexing is required to save costs. Powerful remultiplexing capabilities make it perfect for digital turnaround applications.

Standard Features

nCompass Control Server Licence (NCC/LIC/TS, NCC/LIC/ENC, NCC/LIC/REMUX)

TANDBERG nCompass Control is a service-oriented management system for complete control over MPEG-2 systems from reception, de-scrambling, encoding, multiplexing, scrambling and modulation. It is a Windows XP based client-server application that provides the configuration, system monitoring and redundancy required by today's demanding digital TV systems. TANDBERG nCompass Control clients provide the operator with the following:

- Graphical Hardware Set-up and equipment layout
- Ease of configuration through Drag & Drop and Set-up Wizards
- Timeline scheduling of service configurations
- Monitors system component health status via an equipment schematic
- Automatic 1+1 or n+m redundancy/protection switching for all equipment
- Configures and monitors the performance of Reflex™ Statistical Multiplexing
- Dynamically generates PSI, and static SI according to configuration changes
- Full re-multiplexing support including real-time PSI regeneration, and pass-through of descriptors
- DVB Simulcrypt integration with all major CA vendors
- Control of devices through detail parameter selection or by building MPEG-model components, services, and transport streams.
- External SNMP interface for integration with higher level network monitoring system e.g. TANDBERG nCompass Monitoring
- Encoder video thumbnail monitor
- Can be configured via remote interfaces for 3rd party control, e.g. automation
- OpenTV Support
- Static DVB SI generation
- Three levels of user-access control



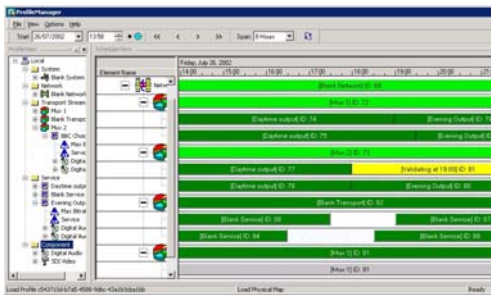
Options

nCompass Control Client GUI (NCC/LIC/CL)

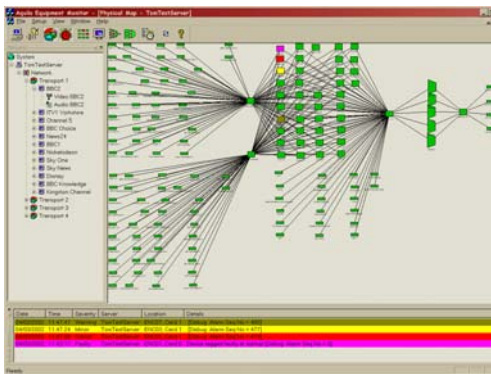
The remote client user interface allows a single client to monitor and control any number of nCompass Control servers across a wide area network, local area network or even a dial-up connection.

Range of PC hardware platforms (NCC/SVR/1D, NCC/SVR/1R, NCC/SVR/2R, NCC/CL/1D)

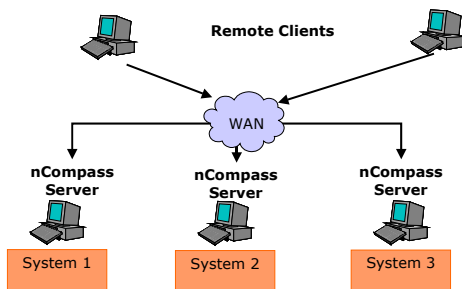
There is a range of IBM PC servers available. These can be either rack-mounted or desktop. Each comes fully configured with Microsoft Windows XP, backup utilities, and the required level of nCompass Control software.



nCompass Control's Profile Manager allows the user to define configurations or profiles against the physical equipment; profiles are stored definitions of services, transport streams, or the whole system. Recall of pre-defined profiles greatly simplifies operation for the user. Once the configuration profiles are created they are activated or scheduled on the graphical timeline scheduler, with the choice of scheduling at the system level, transport stream level, or service level.



nCompass Control continually monitors every component in the local system ensuring minimum disruption to your broadcast. It detects failures and performs redundancy switching – automatically configuring the replacement components. Reliability is further enhanced due to the nCompass Control PC being non-critical for continued system operation. In the unlikely event of a PC failure, system components continue to function in the last configuration.



Remote Clients enable a single nCompass Control PC to configure, control and monitor multiple systems. The client can be remotely located with a connection over any TCP/IP network. This feature can dramatically reduce system monitoring labour costs, especially when combined with TANDBERG nCompass Monitoring for enterprise wide operations.

