

CT-7200 NaBro

Narrowcast Broadcasting System



Description

COMTREND's Narrowcast Broadcasting system offers a unified platform for content delivery. Using our NaBro system, you can deliver video content or data over the Internet platforms for applications such as Digital Media. One can also play dynamic digital signage and promotional content. It is the perfect solution that combines video, audio, graphic storage, precise control and playback features to create the foundation for retail store digital flyers, point-of-sale advertising and digital sign applications etc. NaBro allows digital signage network operators to generate a single, master play-list via a TCP network to placeholders and simply upload their dynamic media content or data under Central automated control.

The NaBro system also incorporates with Plasma Screens to make the Plasma Signage or Plasma Sign, LCD screens for LCD signage, TV screens or front and rear projectors. Based on the NaBro platform, COMTREND provides a complete solution for the following typical applications:

Corporate Headquarters / Branch Locations / Houses of Worship / Hospitals / Banks / Lobby Displays / Government Facilities / Convention Centers / Sports Arenas and Stadiums / Hotels / Resorts / Casinos / Theme Parks / Roadside / Outdoor / Retailing Stores / Shopping Malls / Airports, Bus, Train, Subway Terminals / Trade Shows / Kiosks / Theatres / Educational Campuses

Features

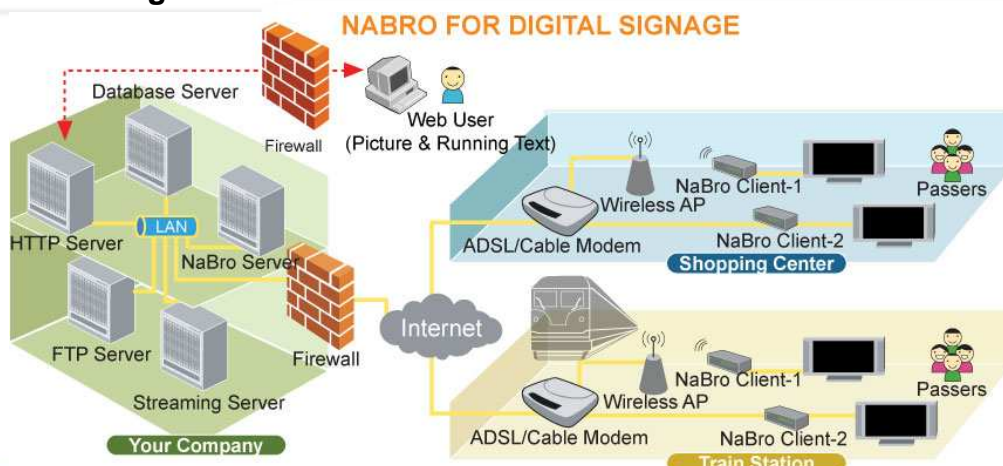
Server Side

- Comprehensive Network Manageability
- Supports TCP Transmission
- Forced Playback via Immediate Command
- VOD Functionality
- Play Lists, Scheduling and Breaking News
- Media Clips Libraries Per Group and Sub-Groups
- Centrally Managed and WEB-Based
- Ticker Management
- Billing System and Playback Log Management
- Realtime Monitoring
- Remote Update

Client Side

- Smart Auto-Recovering Mechanism
- Auto-Recycle Storage
- High Quality Digital and Analog Video Output
- Playback Log Feedback
- Supports Direct Connection to TV / LCD / Plasma / Projector / Large LED Display.
- IDE and USB Ports for Optional Content Storage

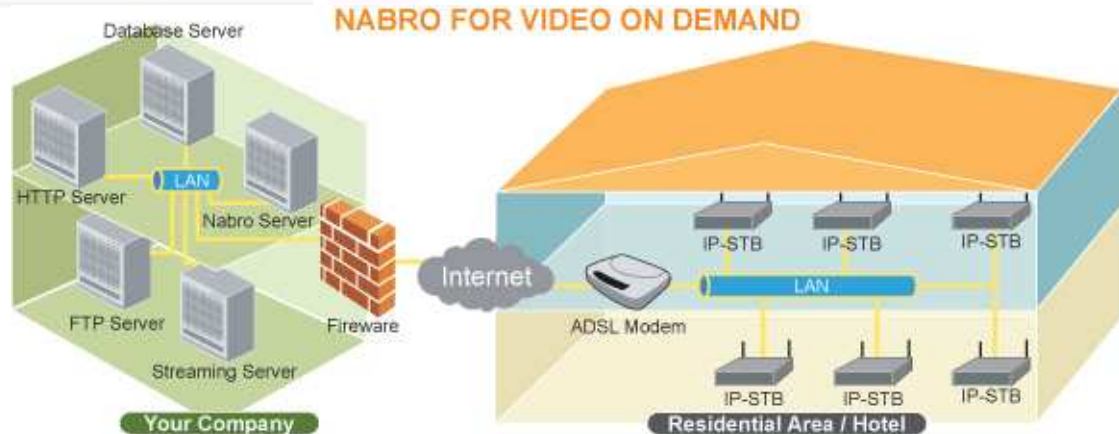
Applications Diagram



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Applications Diagram



Specifications

	NaBro Client	NaBro Server	*Database Server
Function	Advertisement point and information center (IP-STB Based).	Central management center	Data storage
OS / Package	XPe	XP Professional	PostgreSQL 8.0 or later
CPU	AMD 1.0G, 1.4GHz or same grade	P4 2.8GHz	P4 2.8GHz
RAM	512MB	512MB	512MB
Hard Disk	80GB ~ 160GB	160GB	200GB
Network	100Mbps	100Mbps	100Mbps
Video Output	Support DirectX 9.0 (c) or later / 3D accelerator / D-Sub	DVI / D-Sub	DVI / D-Sub
Audio Output	Stereo	-	-
Video Decoders	WMV / MPEG-1	WMV / MPEG-1 / MPEG-2 / Microsoft MPEG-4 / ASF	-

Auxiliary Server

	*Streaming Server	*Web Server	*FTP Server
Function	Real-time content streaming	Receives NaBro client feedback data Publishes NaBro client realtime information	Data storage
OS / Package	Microsoft Windows 2003 Server	Linux with Apache	Linux
CPU	P4 2.8GHz (equivalent)	P4 2.8GHz	P4 2.8GHz
RAM	512MB	256MB	256MB
Hard Disk	160GB	160GB	200GB
Network	1Gbps	100Mbps	1Gbps
Accessories	Hardware TV tuner card x 1		

* These servers (i.e. computers) will not be included in the shipment.

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