Pro:Centric Server (PCS100R)

The PCS100R is a stand-alone Linux data server that manages and controls the Pro:Centric system, delivering unique digital content from the head-end to the hotels' guest rooms via the RF distribution network. It supports a data carousel of applications and services and broadcasts these to Pro:Centric enabled TVs over a preconfigured communications channel, enabling guests to select customized content for in-room viewing using the TV remote control, such as hotel amenities, daily weather, and the channel programming guide. The PCS100R can be used with both Free-To-Guest (FTG) and Pay-Per-View (PPV) head-end systems.

The server captures data from the Internet and formats it within display pages, and outputs the pages in DTV format over the Asynchronous Serial Interface (ASI) output. With appropriate modulation and up-conversion, this ASI signal can then be used for either IP or RF distribution in a lodging site application.

SIMPLE INSTALLATION
Uses the existing RF network, internet connection input, ASI output, and conversion for RF delivery

MINIMAL HEAD-END RACK-SPACE
Small, lightweight chassis, 1U height profile, 19-inch rack-mountable

RAPID CONTENT CREATION
Using Wed Editor/Content Wizard Tool to quickly create and edit hotel-branded content

REMOTE SUPPORT
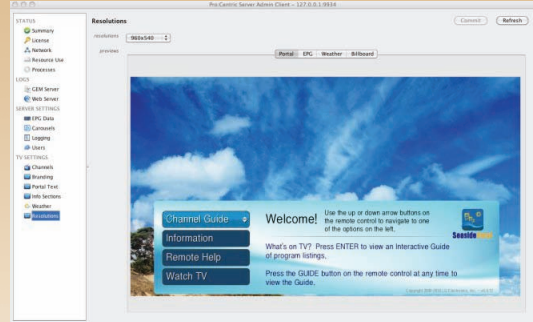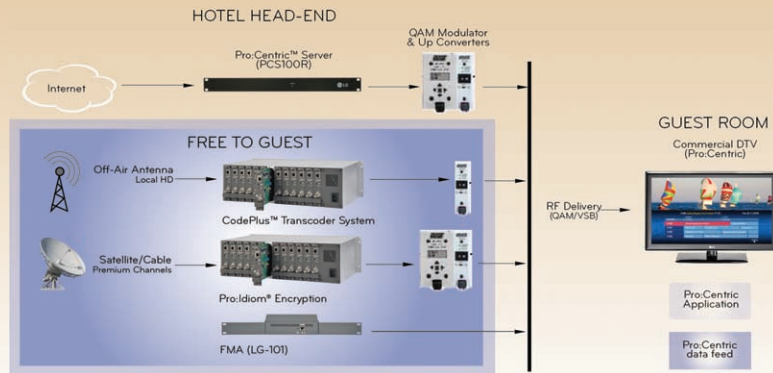Remote administration, configuration, and maintinance via VPN server

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SPECIFICATIONS

SERVER ADMIN CLIENT

An Admin Client Graphical User Interface (GUI) is provided and is accessible via the Internet or VPN Server using a standard web browser, to provide System Integrator administration users with a full suite of features to manage and support the Pro:Centric system, including:

- System status and logs, and server settings
- Configuration for Channel Guide lineup
- Hotel branding and Billboard creation and editing.

Two user profiles are supported: Standard User and Administration User, governing menu access by function.

For further details, refer to the **Pro:Centric™ Server Admin Client User Guide, P/N: 206-4143**, (also accessible on the system).

TYPICAL FTG Pro:Centric PCS100R INSTALLATION

Pro:Centric VPN SERVER

Remote management of the PCS100R server functionality is provided via a secure, built-in VPN client that connects to the centralized VPN server. In this way, remote configuration management, remote software updates and other services are supported. Free hosting of the service is provided by LGE during the warranty period. Extended support plans are available.

INSTALLATION REQUIREMENTS:

Installation of the PCS100R requires the following:

- 3U rack space in the Head-end room: 1U for the PCS100R, and 2U for the Modulator / Up-Convertor rack).
- Ethernet Connection (VPN and FTP open).
- 2 x 110/120VAC power outlets.
- 1 coax drop to the RF combiner to feed the output of the Up-convertor into the RF network.

Note that no local monitor or keyboard is required for the server.

For further details on the Server installation, refer to the **Installation & Setup Guide, Part No: 206-4142**.

SYSTEM SOFTWARE	
Linux OS kernel	
Java for PPC Sun JRE	
Globally Executable MHP (GEM) server applications	
DIMENSIONS	
Unit Dimensions (W×H×D)	19.0" x 1.7" x 8.5"
Unit Weight	2.70 lbs.
ENVIRONMENTAL STORAGE CONDITIONS	
Operating Temperature	-4° to 158° Fahrenheit (-20° to 70° Celsius)
Humidity	95% Non-condensing
ENVIRONMENTAL OPERATING CONDITIONS	
Operating Temperature	32° to 95° Fahrenheit (0° to 35° Celsius)
Humidity	95% Non-condensing
ELECTRICAL	
DC Input	+12V DC @ 5 Amps
Impedance at ASI Out Jack	75 ohms
Level at ASI Out Jack	800 mv
Ethernet	10/100/1000BaseT
RS-232 DB-9	Command Line Interface port
WARRANTY	
Limited Warranty (Parts/Labor)	1 Year
UPC Code	7 19192 90037 0
REGULATORY COMPLIANCE	FCC, RoHS, UL

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