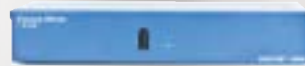


# IMCOS Integrated Digital Infotainment System



**Crouse-Hinds**  
by **EATON**

## IPTV System Overview

Gitiessse Infotainment system is a full digital, multipurpose information and entertainment system designed to provide digital content in offshore and marine applications such as supply vessels, crew accommodation and drilling platforms, where space and structural integrity are at a premium.

A key benefit from an IPTV solution is that it can operate over an existing IP network to deliver high-quality TV and video throughout a facility or vessel.

Integration with IMCOS Public Address and General Alarm and CCTV systems allows for seamless control of content delivery, muting, interrupting or steering the AV flows. Individual receivers can be addressed to provide full flexibility to the integrated IMCOS solution.

### Features

**Gitiessse Infotainment system takes terrestrial, cable or satellite video and audio and makes it available over an IP network as content streams of any definition. Specific Encoders are added to deliver channels from fixed video sources such as Blu-Ray players, DVD or digital video capture devices. Content is delivered to any screen using Receivers, or to PCs via Content Clients. The IPTV Server and multi-user IPTV management system, allows full control of what content is available, where it can be seen and by whom.**

Whether for accommodation associated with a drilling site or a vessel used to transport manpower to support the exploration process, Infotainment system keep crews connected to the outside world with news and entertainment, display staff notices or deliver training via video. Managed via simple and effective graphical user interface, the system is able to:

- Integrate alarm systems and IP CCTV
- Provide information, news, entertainment and multiple language TV and radio
- Deliver video-on-demand entertainment for crew
- Provide announcements and emergency information via digital signage
- Distribute video from broadcast equipment using SDI interface
- Enable peer review of content via individual or shared screens
- Deliver programming to staff at their desktop or in common areas
- Distribute live & on demand TV to workers & military personnel in accommodation compounds
- Stream live camera feeds to common area displays
- Provide entertainment in common areas
- On demand video training resource
- Stream live TV to decision makers for up to date information
- Keep crew and passengers entertained & informed
- Grow revenues with zoned advertising
- Provide onward travel information & updates

**Three different receiver models are available with different possibilities to install them inside each location, implementing up to 1080p resolution for excellent image quality. Power over Ethernet (PoE) simplifies installation and saves on the cost of cabling and power points.**

# IMCOS Integrated Digital Infotainment System

## IPTV System Components

### Stream Encoders

- Take any source and make a channel on the network
- Supports MPEG 2 to MPEG 4 H.264 resolution
- Up to 3G SDi at 1080p encoding

### Stream TV gateways

- Simultaneously stream SD and HD channels
- Descramble encrypted content using in-built CAM's
- Stream live broadcast over an IP network
- Single slot portable chassis
- 3 slot 1U rack mount chassis (standard chassis)
- 10 slot 4U rack mount chassis (content critical)
  - Redundant power supply for increased availability
  - Hot swap cooling fans allow replacement without powering down
  - Monitor Blade status reporting to a web interface

### Player Receivers

- HDMI and analogue connectors for viewing channels & VoD
- Browser mode to display images, RSS, text, live TV & video from Exterity head end via web server
  - Customisable per individual or group of Receivers
  - Uses standard HTML

### Player Software Clients

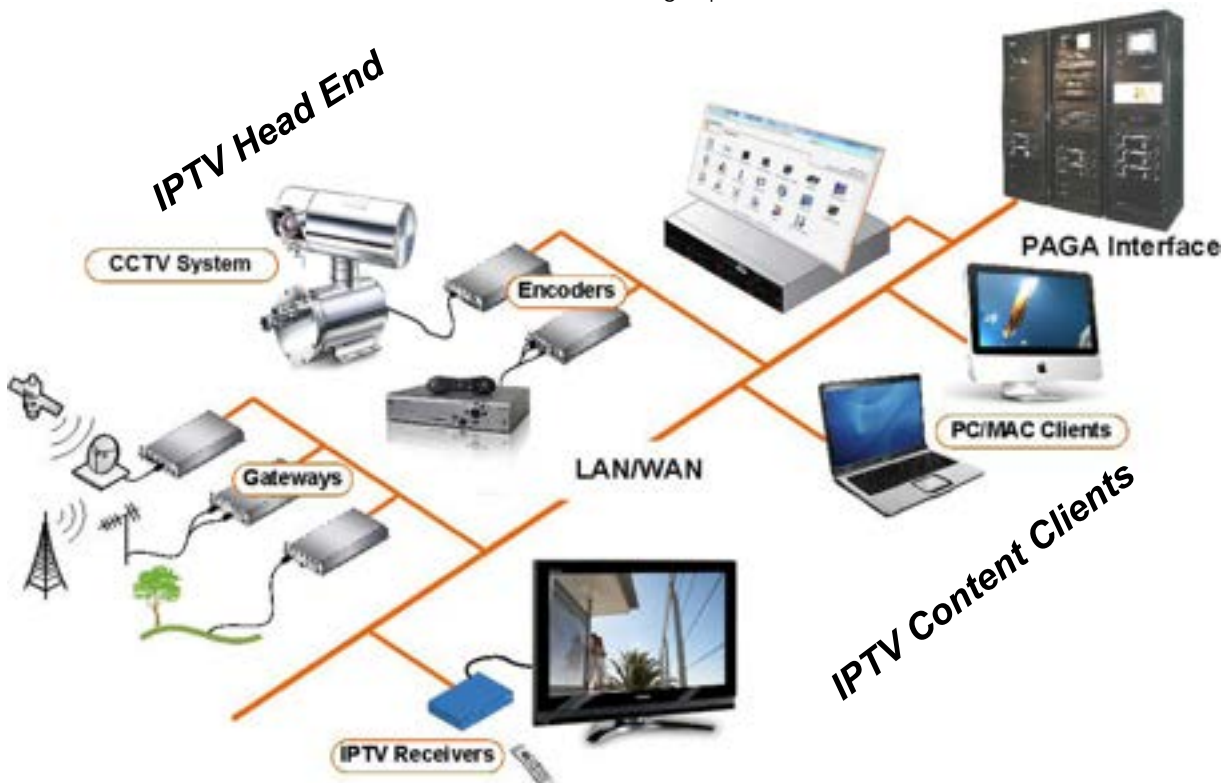
- Player Desktop
  - Enables centrally managed viewing of any IPTV content on networked PC's
- Player Plugin
  - Integrates with a wide variety of third party application platforms to display HDTV & video content
- Player Viewer
  - Delivers live HDTV & video streams to PC desktop applications
- Centre
  - Software viewing & recording functionality, scheduling & pause live TV

### Server

- Video on Demand
  - Access to stored assets
  - Pause & time shift
- Streaming
  - Create and schedule TV channels
- Record
  - Centralised recording

### Server

- Portal & EPG
  - Customisable interfaces & channel guide
  - Record from channel guide
- Management Platform
  - Customisable multi-user platform
  - Control access to server & functionality
  - Browser based, access anywhere



# IPTV Ordering Codes

## Description

## Product Code

### Player IPTV Receivers

Player r9200 receiver with HD AV output	r9200
Player r9210 receiver with HD AV and analog video outputs	r9210
Player r9220 receiver with HD AV output and 4-port switch	r9220

### Player Accessories - IR Remotes/Extenders

Remote control for Player r92xx receivers	r92xx-rc
Remote control / IR extender (38KHz) kit for Player r92xx receivers	r92xx-rck

### Player Accessories - Brackets/Mounts

Under-desk/wall mounting bracket for Player r92xx	r92xx-dbkt
Secure wall mounted enclosure for Player r9200	r9200-sbkt
Display rear mounting bracket, fits displays under 32", attaches to standard fixing points	r92xx-vsbt
Display rear mounting bracket, fits displays 32" and larger, attaches to standard fixing points	r92xx-vlbkt
Secure enclosure for display rear bracket (fits avply-vsbt and avply-vlbkt)	r92xx-ebkt

### Streamer Chassis

Streamer c1101, 1-slot chassis	c1101
Streamer c1103, 3-slot chassis	c1103
Streamer c1110, 10-slot chassis	c1110
Streamer c1110, 10-slot chassis	c1210

### Streamer MPEG-2/MPEG-4 H.264 SD Encoder Blades

Streamer e2320, dual channel SD MPEG-2/MPEG-4 H.264 encoder	e2320
Streamer e2635, SD HDAV MPEG-2/MPEG-4 H.264 encoder with front-end scalar (no HDCP)	e2635
Streamer e2655, SD SDI MPEG-2/MPEG-4 H.264 encoder with front-end scalar	e2655
Streamer e3655, HD SDI MPEG-2/MPEG-4 H.264 encoder with front-end scalar	e3655
Streamer e3522, HD PRO MPEG-4 H.264 encoder (to 1080i) with scaling	e3522
Streamer e3535, HD AV MPEG-4 H.264 encoder with front-end scalar (no HDCP)	e3535
Streamer t3610 MPEG-2/MPEG-4/H.264 transcoder	t3610

### Streamer TVgateway Blades

Streamer g4310, dual DVB-S/S2 TVgateway	g4310
Streamer g4315, dual DVB-S/S2 TVgateway with dual CA slots	g4315
Streamer g4230, dual DVB-T/T2 TVgateway	g4230
Streamer g4235, single DVB-T/T2 TVgateway with CA slot	g4235
Streamer g4150, dual DVB-C TVgateway	g4150
Streamer g4155, single DVB-C TVgateway with CA slot	g4155
Streamer g4170, dual ATSC/ClearQAM TVgateway	g4170
Streamer g4190, single ASI to IP gateway	g4190

### Server Chassis

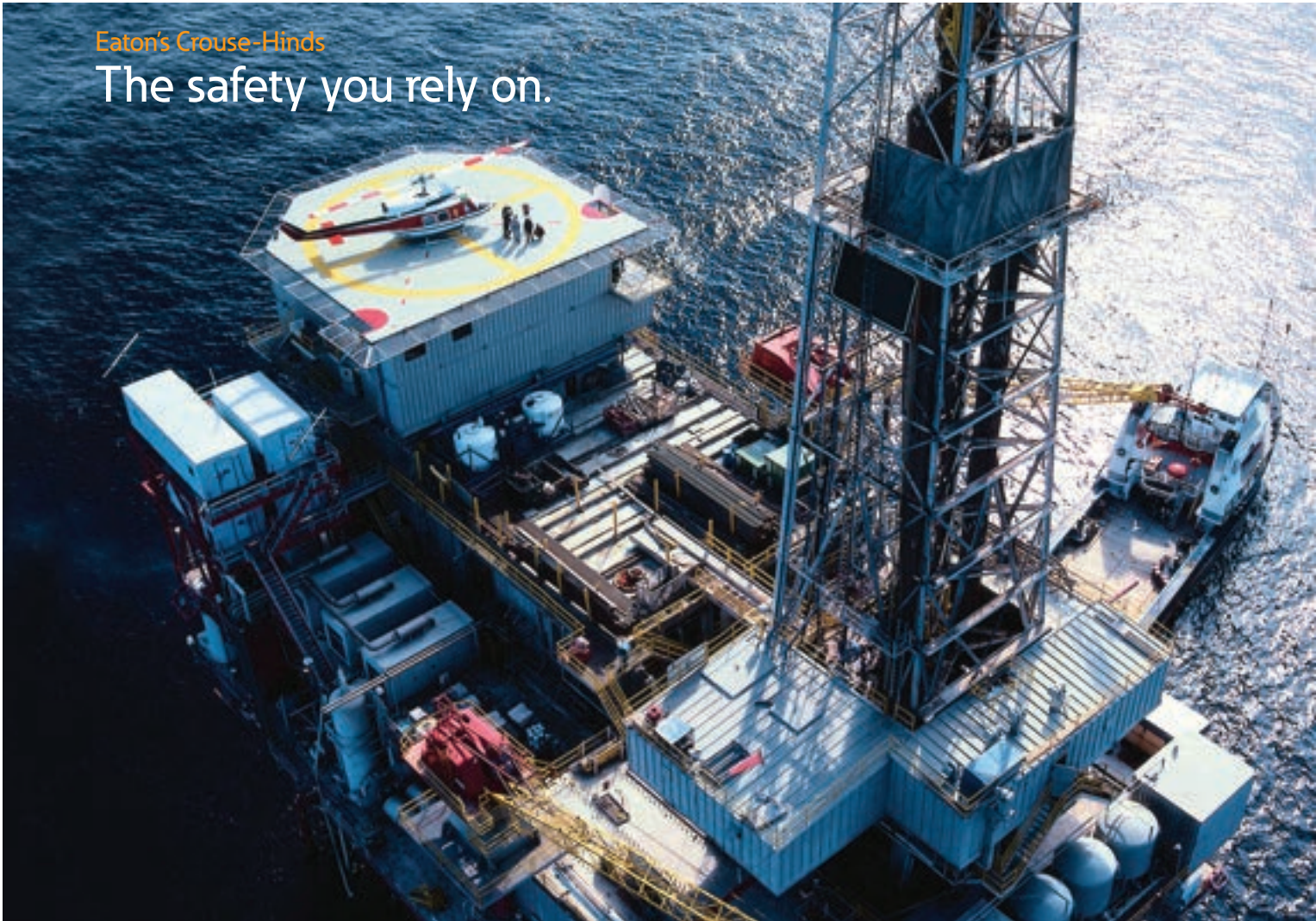
Server c1510 server (fixed 500GB content storage)	c1510
Server c1555 server with H/W RAID (content storage RAID array ordered separately)	c1555

### Server Application Modules

IPTV Producer Software	m7200
IPTV Creator Software	m7300

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