NETWORK APPLICATION

Network Application for Ship (PC Network, Telephone, Internet, VOD, VCS, CCTV, Etc.)

LAN (Local Area Network) and Server System: The local area network in the system is an advanced Layer 2/3 network with a large number of features. PoE function on all ports is the standard feature: i.e. an IP telephone does not need a separate power supply, which makes it easier and cheaper to install.

IPTV/VOD System: This infotainment system contains a media encoder, video server, and a set top box in which it can distribute IPTV, internet radio, and any other video data (multimedia) source through the network to provide entertainment on board.
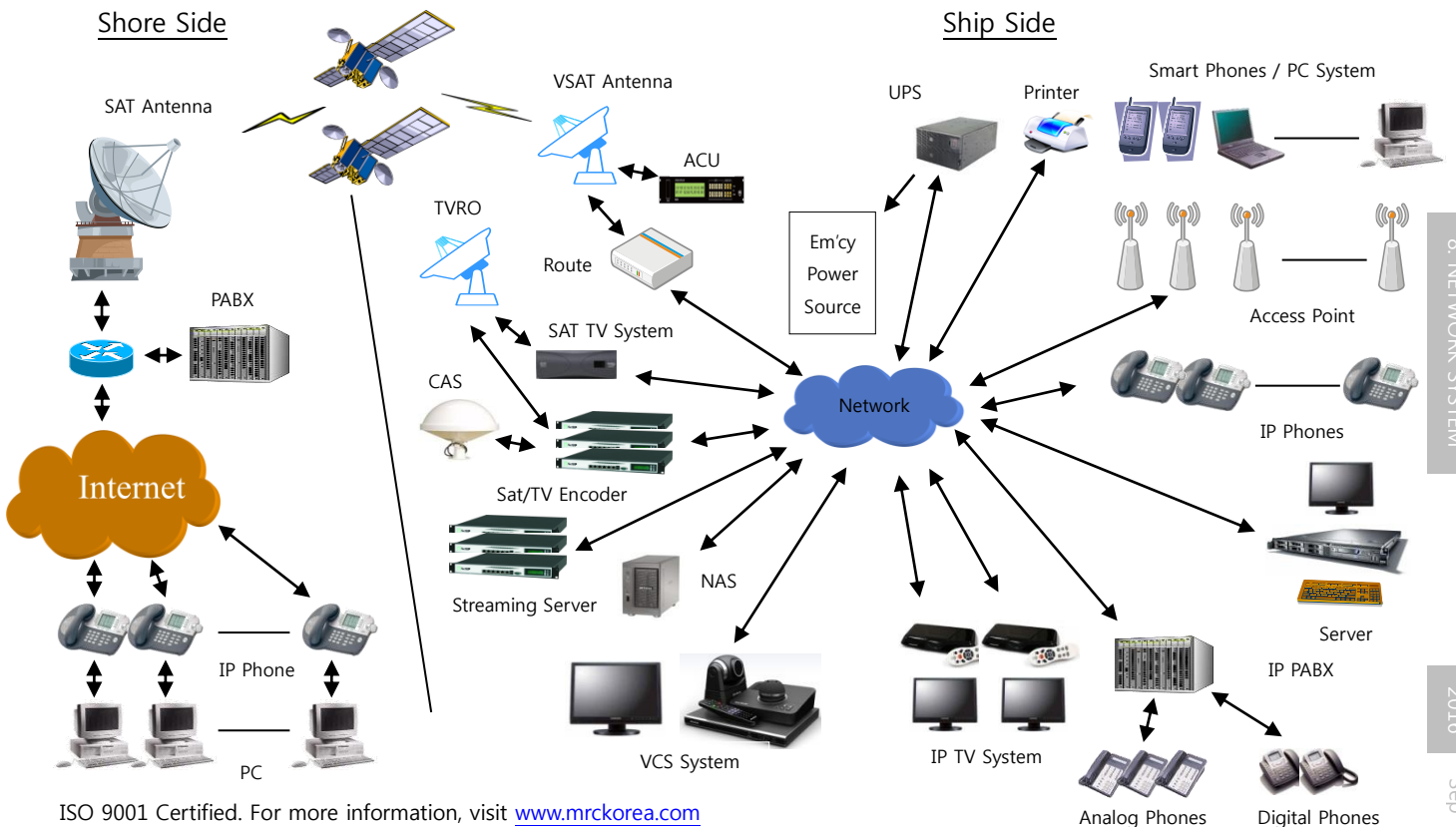
Video Conference system: The Video Conference system provides organisations with a budget friendly video conferencing solution perfect for real-time, multimedia communication. A number of useful software add-ons are available for the system free of charge, such as Screen Share, our wireless content sharing software for PCs, and VCLink, our exclusive app for instantly sharing live images and snapshots from a mobile device.

CCTV (Closed Circuit Television): Video and audio signal for monitoring purpose are digitised and transmitted through the network and internet connection. The ultimate benefit of digital CCTV over analogue CCTV system is greater flexibility, better performance, and easier installation.

TVRO (Television Receive-Only): TVRO is one of the satellite TV system. The term TVRO (C/Ku bands) is used in the North American continent to refer the Free to Air (FTA) systems of Europe, Asia, and other continents.

VSAT (Very Small Aperture Terminal): The VSAT is a two-way satellite ground station or a stabilised maritime mobile antenna with a dish antenna that is smaller than 3 meters. The majority of VSAT antennae range from 75 cm to 1.2 m. Data rates typically range from 56 Kbit/s up to 4 Mbit/s.

PABX (Private Automatic Branch eXchange): Internal and external telephone communications are connected through this system. This system contains a combination of VOIP, digital and analogue internal telephones and external lines. VSAT, GSM and Inmarsat can be interfaced to the system. Wireless phones with roaming function are also available.

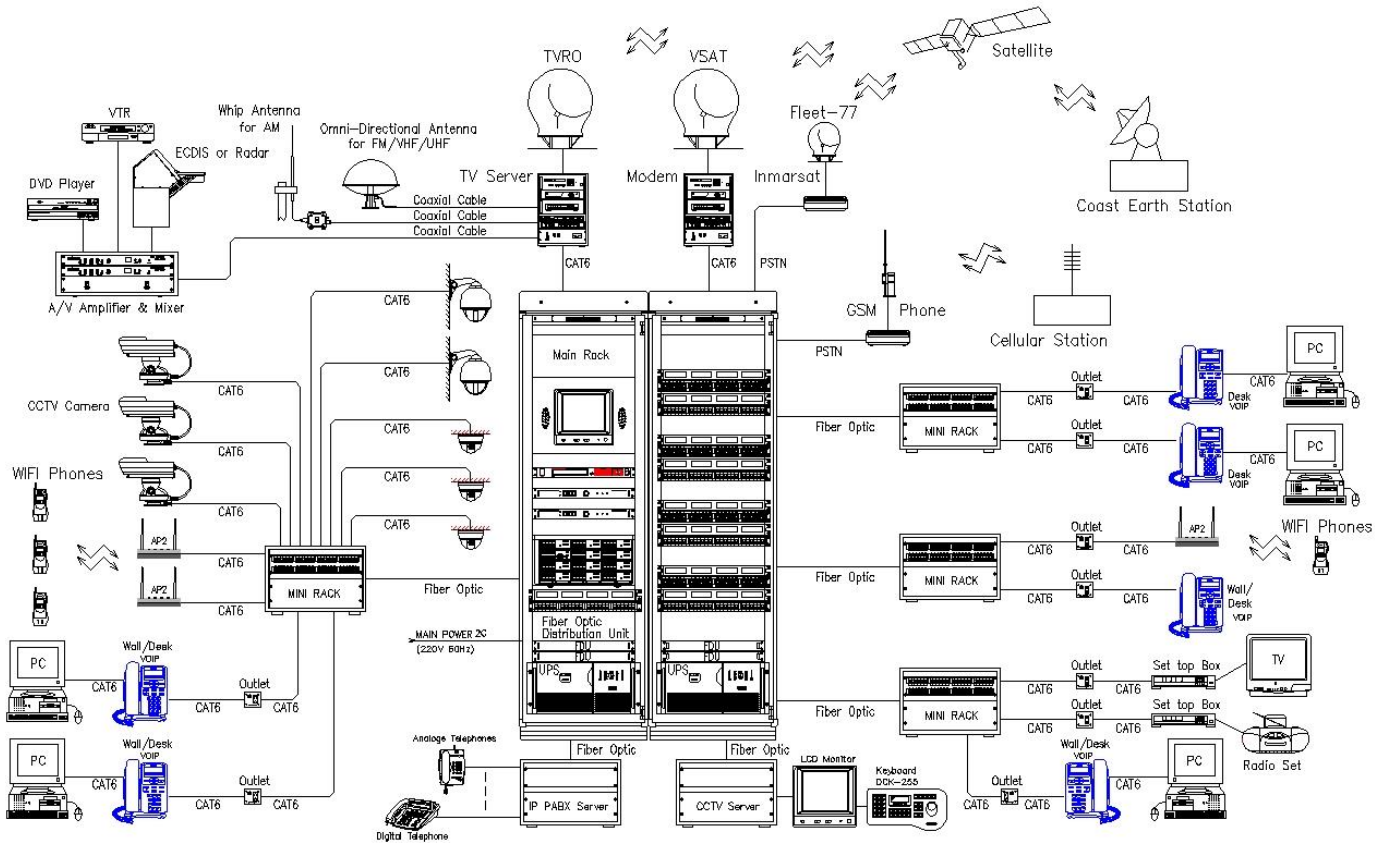ISO 9001 Certified. For more information, visit www.mrckorea.com

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- Digital Infotainment System (DIS)

-1. PABX	: Analogue, Digital, IP, Wi-Fi Phone	-4. TVRO	: Sphere Radome, FTA, Controller, A/D Encoder
-2. CCTV	: Analogue & IP Camera, Matrix, DVR	-5. VSAT	: Sphere Radome, Controller, Modem,
-3. IPTV	: IPTV, TV-Server, Set Top Box	-5. LAN Network	: POE Switch, Optic Distributer, Patch Panel, FC

IP Network System Sample Diagram (PABX/IP-TV/CCTV/TVRO/VSAT/CAS/LAN)

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