

MRC Infotainment System(VOD, STB)

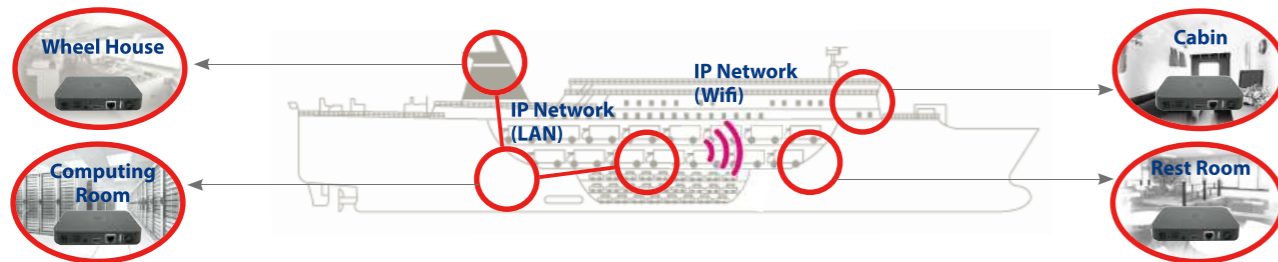
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The infotainment system contains a media encoder, video server and set t op box.

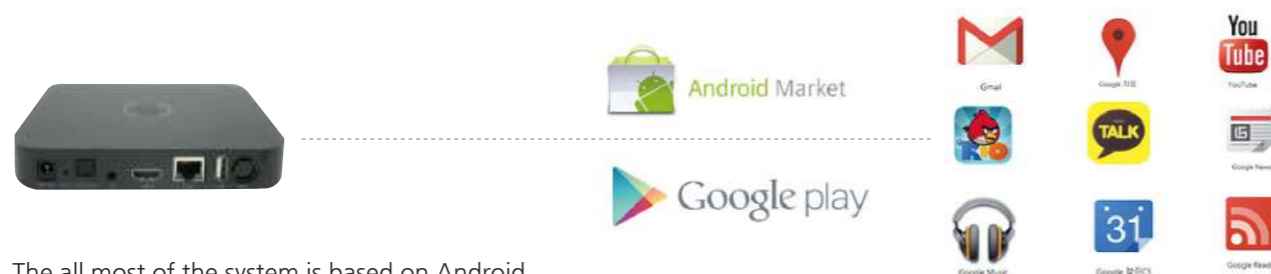
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GENERAL DESCRIPTION

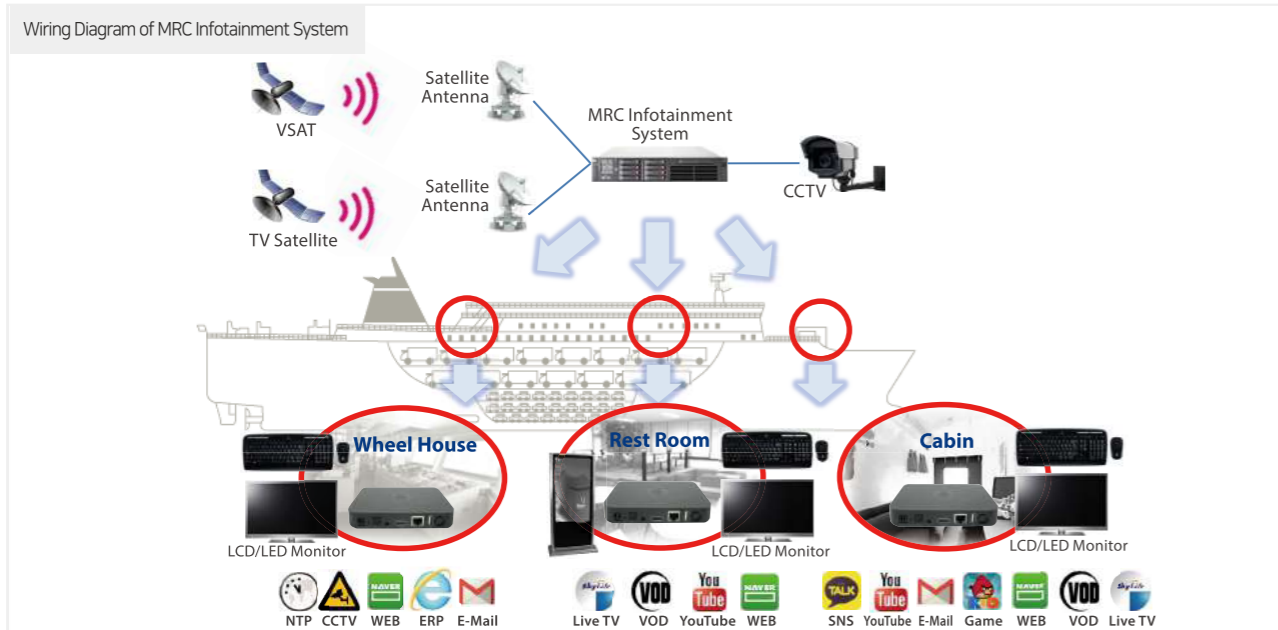
This compound word Infotainment is formed from the words Information and Entertainment. MRC Infotainment system can provide Entertainment, such as Live-TV and VOD (Video on Demand) and Game and Music to the captain and crews. And optionally, this system can provide Information, such as E-mail, Web-Browsing, CCTV and NTP (Network Time Protocol) to the captain and crews, too. As above, this system can provide some of working process and welfare at break time and cover some of security system.



MRC Infotainment system operates on Ship IP network (Wire, wireless). Only a STB, you can enjoy all of the services anywhere in the vessel.



The all most of the system is based on Android. So, if you want, you can install applications, such as mail, youtube, game and sns through the Android Market or Google Play-store.



Product Information

Key Benefits	<ul style="list-style-type: none"> Play video and audio by network Use application into android market and google play-store No additional wiring construction (Can use existing network) Various functions with a single STB (VOD, web browsing, game, sns, mail..)
General features and specifications	<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>1. VOD Server(19" Rack type - 1/2/4u)</p> <ul style="list-style-type: none"> OS : Embedded Linux CPU : Dual-core Intel® Core™, i3-4150 3.5 GHz Processor RAM : 8GB DDR3 non-ECC RAM HDD : 8 ~ 24x 2.5" or 3.5" SATA 6Gb/s, 3Gb/s NIC : 4 (Max:8 x Gigabit LAN or 4 x10 Gigabit + 4 x Gigabit LAN) Media Server : DLNA, AIRPLAY RAID : RAID 0, RAID 1, RAID 5, RAID 5+, RAID 6, RAID 6+, RAID 10 </div> <div style="width: 45%;"> <p>3. STB(Android)</p> <ul style="list-style-type: none"> OS : Android CPU : ARM RAM : 2GB HDD : 4x 2.5" or 3.5" SATA 6Gb/s, 3Gb/s Media Server : DLNA, AIRPLAY, Miracast RAID : RAID 0, RAID 1, RAID 5, RAID 5+, RAID 6, RAID 6+, RAID 10 </div> </div> <div style="text-align: right; margin-top: 20px;">  </div> <div style="display: flex; justify-content: space-between; margin-top: 20px;"> <div style="width: 45%;"> <p>2. VOD Server(Desk top type)</p> <ul style="list-style-type: none"> OS : Embedded Linux CPU : Quad-core Intel® Celeron® N3150 1.6GHz RAM : 8GB / 4GB SO-DIMM DDR3L-1600 HDD : 4x 2.5" or 3.5" SATA 6Gb/s, 3Gb/s Media Server : DLNA, AIRPLAY RAID : RAID 0, RAID 1, RAID 5, RAID 5+, RAID 6, RAID 10 </div> <div style="width: 45%;"> <p>4. Media Encoder(Optional)</p> <ul style="list-style-type: none"> Video Resolution : 1920 x 1080@60/50 fps or 1920 x 1080@30/25 fps Video / Audio Input : HDMI or HD-SDI x 4 Video Compression : H265, H264 Audio compression : AAC, MP3(48k,64k,96k,128k,160k,192k,256k) Transport protocol : RTSP / HTTP / UDP or RTMP </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 20px;"> <div style="width: 45%;"> <p>5. Video Server(Optional)</p> <ul style="list-style-type: none"> OS : Embedded Linux Video Codec : MPEG-2, H.264 Video HD Format : 1080i, 1080p, 720p Video SD Format : 525-NTSC, 625-PAL Audio : 16, 20, or 24-bit PCM, 48kHz Transport protocol : RTSP / HTTP / UDP or RTMP </div> <div style="width: 45%;">     </div> </div>