Honeywell

OCC-600

Search & Rescue Operation Control Console

The OCC-600 operation control console is a high-end processing platform used by mission control centers (MCCs) for global search and rescue operations. The OCC-600 displays COSPAS-SARSAT incident alert data received from Local User Terminals (LUTs) and international MCCs around the world.

As alert data is received and processed, the OCC-600 automatically generates and distributes relevant information to the appropriate foreign and domestic SAR agencies, minimizing error-prone manual data entry.

Based on a Windows-based service-oriented architecture, the OCC-600 provides a full suite of tools that have been designed to automate SAR alert data distribution to rescue coordination centres (RCCs) for fast and efficient search and rescue operations. The client software features an easy-to-use graphical user interface for accurate and intuitive visualization of each incident. In addition, Google Earth 3D-mapping can be displayed on one of the monitors.*

The OCC-600 satisfies all COSPAS-SARSAT requirements for automatic data processing at an MCC and is commissionable according to the COSPAS-SARSAT standards for both national and nodal MCCs.

Honeywell Global Tracking is a global leader in the development of search and rescue technology, and has been a pioneer in the field for over 30 years.

Features

- **Reliability:** The OCC-600 offers exceptional uptimes, accuracy and reliability for SAR operations worldwide
- **Automated Workflow:** The OCC-600 automatically distributes beacon alert data to the appropriate MCCs and/or RCCs
- **Intuitive Visualization:** Displays beacon alert data and messages on up to 4 screens, providing the operator with immediate access to both text and visual information, facilitating fast response times
- **Flexible:** Fully configurable, making it possible to precisely match the needs of customers
- **Standards compliant:** Meets and exceeds the official COSPAS-SARSAT requirements
- **Seamless integration:** Ease-of-integration into existing SAR systems saves time and money
- **Powerful:** Up to six clients can run on a single server, providing an efficient use of resources

*Internet connection required.

OCC-600 Technical Specifications

Physical	
Width	Standard 19˝ (48.3 cm) rack enclosure
Height	22U in standard configuration. Custom configurations available.
Server	
Operating Systems	Windows Server 2008
Processor(s)	Intel Xeon 5600 Series
RAM	24 GB in standard configuration
Client Workstation	
Operating System	Windows 7
Processor(s)	Intel Xeon Quad-Core, 2.0+ GHz
RAM	4 GB in standard configuration
Monitors	Dual monitors in standard configuration; quad monitors recommended
Connectivity	
Ethernet	10/100/1000 Mb/s
Ports	Serial, USB
Handlers (Ethernet)	FTP, SMTP, Printer
Handlers (Serial)	AFTN, Fax, Printer, Fcopy
Data Communications	
From a LUT	• Beacon solutions • Status and alarm data • Orbit data
From a Foreign MCC	• Incident alert messages • Satellite calibration data and orbit data updates • System status messages • Narrative messages • 406 MHz beacon registry messages • NOCR messages
To a Foreign MCC	• Incident alert messages • System status messages • Narrative messages
To an RCC	• Incident alert messages • Narrative messages
Functionality	
Muliti-Windows Display	Graphical map windows; inbound, outbound and auth alerts; SiT mailbox windows; query, logs and monitoring windows
Beacon Location Management	Display, merge locations, resolve ambiguity
Messaging	Automatic alert generation for RCCs and foreign MCCs, processing foreign SiT messages, logging messages

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