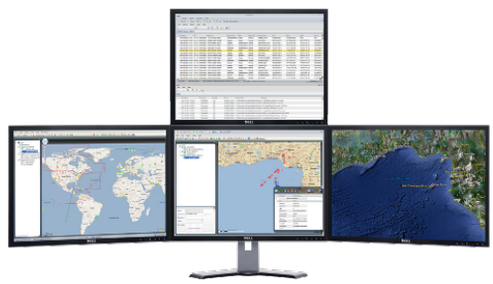
OCC 600

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.

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 40 years.

FEATURES AND BENEFITS

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

COSPAS-SARSAT Standards Compliant: Meets and exceeds the official COSPAS-SARSAT requirements

Capabilities: Supports LEO/GEO/MEO; Supports ELT(DT) and RLS; Supports First and Second Generation Beacons

Seamless Integration: Ease-of-integration into existing SAR systems saves time and money

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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

Processor(s): Intel Xeon-Gold 5218

RAM: 64 GB in standard configuration

CLIENT WORKSTATION

Operating System: Windows

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: FTP, SMTP, Printer, AMHS, AFTN, Fax, 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 authorize alerts; SIT mailbox windows; query, logs and monitoring windows

Beacon Location Management: Display, merge locations, location confirmation

Messaging: Automatic alert generation for RCCs and foreign MCCs, processing foreign SIT messages, logging messages compliance

COMPLIANCE

COSPAS-SARSAT: Meets all current COSPAS-SARSAT requirements

For more information

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