

# SARMaster 600

## Search and Rescue Incident Management System

SARMaster 600 is an advanced search and rescue (SAR) incident management system offering extensive SAR planning tools used to coordinate all SAR efforts in a single control center view. SARMaster 600 provides rescue coordination centers (RCCs) around the world with a complete view of SAR data, including emergency beacon locations and information about local SAR resources (e.g., vessels, helicopters and personnel).

A browser-accessible web-based application hosted securely on your own, or Honeywell managed, servers, SARMaster 600 incorporates multiple databases such as GIS, incident information, SAR resources, ship and aircraft registries, all in one view. It provides a powerful automated method for what were manual, time-consuming tasks of gathering case information: incident logging, data entry, registration database lookup, rescue resources lookup, checklists, mapping and reporting. SARMaster displays both spatial and text-based data on up to four monitors per workstation.

SARMaster has consistently proven its effectiveness for civil and military operations, deployed in 15+ countries, including the largest COSPAS-SARSAT adopters and other SAR agencies around the world. Honeywell's end-to-end SAR offerings including satellite ground stations, mission control centers (MCCs) and RCCs, have played a key role in the expansion of the worldwide SAR network and are currently used by the majority of countries that participate in the COSPAS-SARSAT program. Honeywell state-of-the-art SAR equipment and software have been used for decades in operations that have saved tens of thousands of lives.

## FEATURES & BENEFITS



**Complete Visualization:** Provides a holistic view of all data necessary for a cohesive and well-coordinated SAR incident response including maps, beacon locations and SAR resources



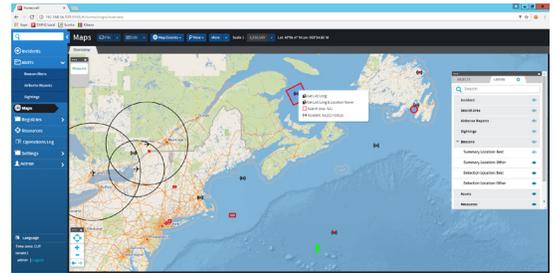
**Highly Automated:** Saves time and reduces errors when performing common SAR incident tasks such as logging, data entry, registration database lookup, rescue resources lookup, checklists, mapping and reporting



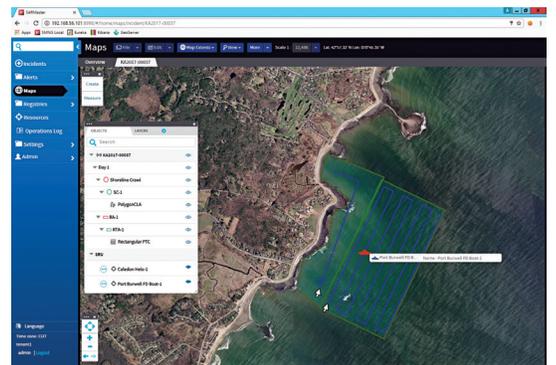
**Standards Compliant:** Fully compliant with International Aeronautical and Maritime Search and Rescue (IAMSAR) procedures



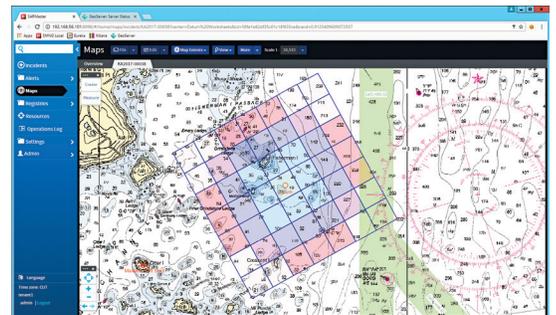
**Reliability:** This field-proven application from the leading SAR equipment provider in the world has helped save tens of thousands of lives worldwide



**Overview Map** shows currently active incidents and search areas, active beacon alerts and airborne reports.



**Visually Plan & Track** combined search operations using interactive tools.



**Get Probability Mapping** for drifting object's location and optimum search area marked on any preferred air or marine chart using IAMSAR Datum worksheet.

# SARMaster 600 Technical Specifications

## SERVER REQUIREMENTS

(2 - 20 users; higher configuration needed for 20+ users)

**Operating System:** Windows® Server 2012 R2

**Processor(s):** Quad-core or higher

**RAM:** 32 GB in standard configuration

**Storage:** 2 or more 1 TB hard drives

## WORKSTATION REQUIREMENTS

**Monitors:** 4 LCD monitors (recommended configuration)

**Operating System:** Windows 7 or 10

**Processor:** Intel Core 2 Duo or higher

**RAM:** 8 GB in standard configuration

**Storage:** 512+ GB hard drive

## SOFTWARE AND APPLICATIONS

**Database:** MongoDB

**GIS:** GeoServer/ OpenLayers

## SOFTWARE ADD-ONS / CUSTOMISATION OPTIONS

**Multi-site deployment (Multi-RCC Network)** to support regional operations, data redundancy and failovers

**Additional language** (other than English)

**Custom Feeds for**

- Weather
- Vessel (AIS), Aircraft (ADS-B), Asset & Person Tracking
- Non-COSPAS-SARSAT Alerts
- Beacon & Resource Registries

**Cold Exposure Survival Model (CESM)**

**Custom System Integration**

## STANDARDS

SARMaster supports all stages of International Aeronautical and Maritime Search and Rescue (IAMSAR) operations:

- Awareness
- Initial Action
- Planning
- Operations
- Conclusion

SOFTWARE CAPABILITIES		
	BASIC	ADVANCED
<b>MAPPING</b>		
DEFAULT/CUSTOM MAPS WITH GIS LAYERS	✓	✓
IMPORT AIR/MARINE CHARTS	✓	✓
<b>INCIDENT MANAGEMENT</b>		
CONTACTS DIRECTORY	✓	✓
DISTRESSED CRAFT DETAILS, PERSONS ON BOARD & ROUTE/FLIGHT PLAN	✓	✓
INCIDENT LOG ENTRIES	✓	✓
FILE ATTACHMENTS	✓	✓
SOP CHECKLISTS	✓	✓
AUDIT TRAIL SUPPORT	✓	✓
INCIDENT HISTORY VIEW		✓
WEATHER REPORTS	✓	✓
COMMON WEATHER DATA FEEDS		✓
<b>ALERTS</b>		
COSPAS-SARSAT BEACONS, AIRBORNE REPORTS & SIGHTINGS	✓	✓
<b>REGISTRIES</b>		
LOCAL BEACON, AIRCRAFT & SHIP	✓	✓
IMPORT IBRD BEACON AND SAR RESOURCE REGISTRIES		✓
<b>DATABASES</b>		
GAZETTEER, NAVAIDS	✓	✓
<b>TOOLS</b>		
SEARCH PLANNING		✓
IAMSAR DRIFT MODELING (DATUM WORKSHEET WIZARD)		✓
<b>OTHERS</b>		
UNASSIGNED LOG ENTRIES	✓	✓
DATA RETENTION AND ARCHIVING		✓

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## For more information

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