



SOCSS

Special Operations Command Support System



ADI

Affordable Superiority



Special Operations activities throughout the world place unique challenges on military and paramilitary forces. ADI's Special Operations Command Support System (SOCSS) is specifically designed to meet these challenges.

SOCSS builds on ADI's diverse range of existing and reliable products, and exploits the very latest in web, Java, groupware and database products to provide special operations personnel with a system that is portable and rapidly deployable. Flexibility in configuration is supported by a diverse communications capability in both local and wide area networks.

SOCSS allows special operations to understand situations rapidly, formulate strategies, rehearse operations and execute missions. The system ultimately provides commanders with the intelligence and visibility necessary to control resources in dynamic situations.

SOCSS provides commanders and their staff with the tools to make critical decisions quickly and more effectively.

System Functionality

SOCSS delivers functionality that is critical to the effective command and control of crisis management operations in both fixed and mobile operations.

Common Tactical Picture

SOCSS allows all users to share a common data source using efficient data replication and messaging features over high and low bandwidth environments.

Enhanced Situation Awareness

- Intuitive drawing/planning tools with a user-friendly task based interface and image import capability
- Able to develop floor plans, allocate areas of responsibility and plan routes
- Able to automatically view positional reports against geographical map displays

- Able to import images, text, and video for visualisation, rehearsals and planning
- Planning, reporting and simulation tools
- A configurable symbol set that enables users to develop graphical orders.

Command Decision Tools

- NATO role support standard
- Specialist tools including Line of Sight and Visibility Fans
- Collaborative 2D shared plans and drawings
- Military message and groupware templates
- Collaborative planning tools
- Recognised picture
- Event and intelligence logs.

Technologies

SOCSS is developed using Java and other leading edge development technologies to ensure flexibility to meet present and future needs and to maximise IT investment.

Software Architecture

- Client server architecture utilising Remote Method Invocation (RMI) and Jini
- Fully deployable system with flexible configuration
- Networked or stand-alone capability
- Open Relational Database Management Systems and workflow applications.

Hardware Architecture

- PCs/laptops running Windows NT
- Large, flat screens to enhance user effectiveness
- Ruggedised deployable hardware.

Diverse Communications

SOCSS removes information transfer bottlenecks by providing the ability to share information on Local Area (LAN) and Wide Area Networks (WANs). The system can also be connected directly to other secure networks using a wide variety of communications systems including PSTN, ISDN, HF, VHF, microwave links and satellite.



ADI - When Experience Counts

ADI Limited is a leading Australian defence, systems and engineering company conducting business worldwide. It has established strong relationships with leading international companies to deliver solutions to organisations with complex operating challenges. As a highly integrated business ADI employs around 3,000 people across Australia with annual revenue of more than \$700 million.

In 1991, ADI established a business in Perth, Western Australia - Information Systems, Software and Services - to meet the emerging technology needs of its customers. Specialising in software and technology solutions, ADI has gained considerable experience in the application of advanced and proven commercial and government technologies to suit the needs of its customers.

ADI's capabilities are wide ranging and include large-scale systems integration, project management, software engineering and development, systems maintenance, multimedia, Internet development and training.



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