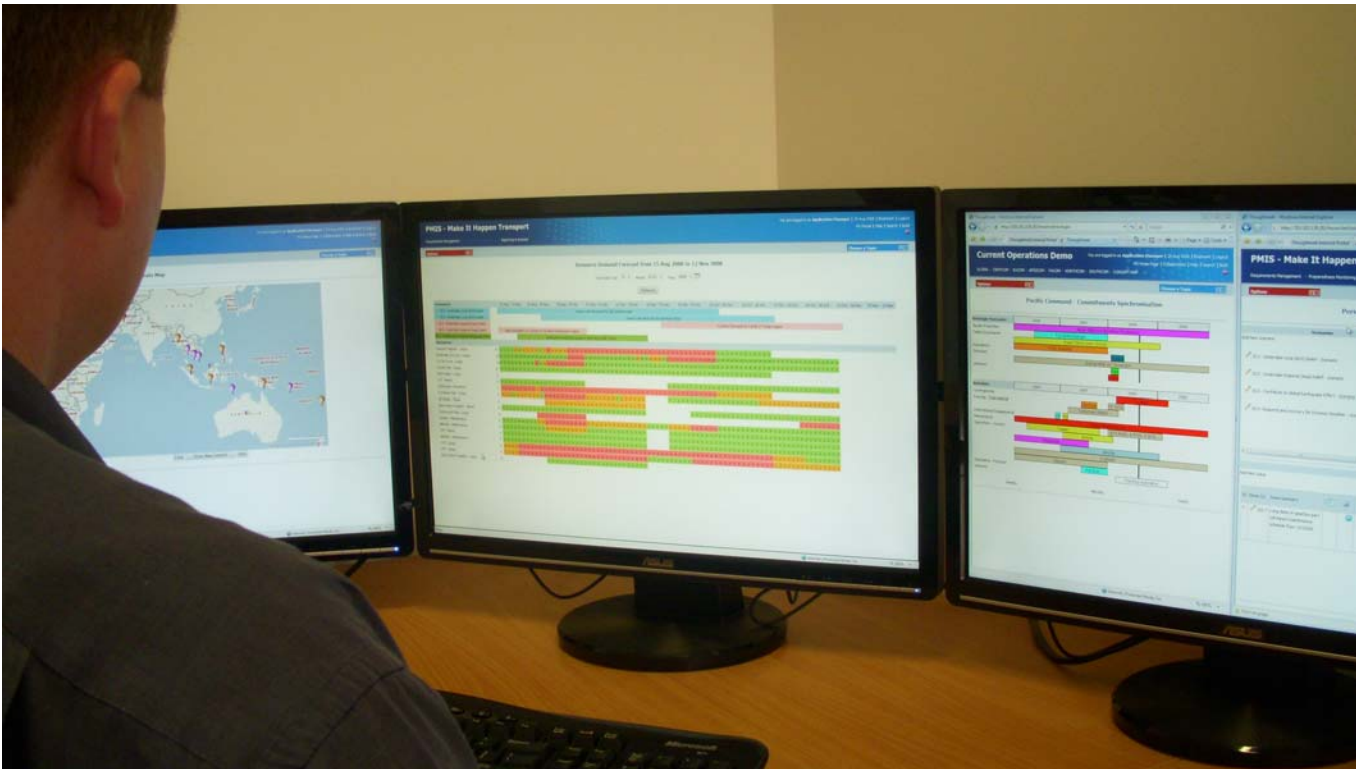


Global Collaboration and Situational Awareness

Decision Superiority Solution for Defense (DSSD)

ThoughtWeb and IBM have partnered to offer a personally relevant, robust solution, providing contextually integrated collaboration and rapid, global situational awareness. This solution is based on ThoughtWeb's decision support software and IBM's Global Defense Integration Service Capabilities.



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The Problem Presented

WARFIGHTER PAIN POINTS:

- Excessive time spent wading through a plethora of information to determine priorities.
- Lack of situational awareness.
- Inordinate amount of time spent organizing and prioritizing to get answers to the right people.
- Daily activities are not always aligned to Mission goals and strategies.

WARFIGHTER REQUIREMENTS:

- Need to know *who, what, where, when, why*, and *SO WHAT* to achieve decision superiority.
- Ability to synchronize resources and activities across the battle space.
- A system that provides what is important and *WHY* it is important to YOU.
- The ability to collaborate in context.

ENVIRONMENT REALITIES:

- Need to maintain current situational awareness.
- Processing multiple sources of information in multiple formats.
- Synchronizing and de-conflicting activities, events and resources.
- Need to collaborate across disciplines remotely for effective problem solving.
- Tasking virtual teams and visually monitoring their progress.

"ThoughtWeb's design process forces the resulting application to be strongly aligned with the mission, objectives, business processes and performance parameters of the group..." (Gartner Report, Sept 2006)

Decision Superiority Solution for Defense (DSSD)

The Solution Offered

DSSD provides a flexible, contextual, robust solution that is ready in weeks.

Resource and Activity Synchronization.

Utilizing data provided through existing systems, DSSD compiles and displays information, based on user-defined parameters, allowing decision makers to see *who, what, where, when* and *why* across the battle space.

Global Situational Awareness.

DSSD uses maps, matrices, timelines, and visual alerts to show you what you want *and* need to know.

Collaboration in context.

DSSD provides a conceptual framework within which users can collaborate with focus, in context, breaking down stovepipes of information.

Personalized, prioritized information and intelligent alerts.

Intelligent agent software communicates with the system and the user to provide the latest information about topics important to *you* immediately – whether via email, SMS, PDA, laptop, or computer workstation.

Service Oriented Architecture

The DSSD solution is built on an enterprise grade Service Oriented Architecture from IBM which provides:

- **Security:** The SOA Infrastructure is built using commercial products, many of which have been evaluated to Common Criteria standards.
- **Rapid Delivery:** By leveraging IBM's extensive SOA Delivery Asset Library, the complete DSSD solution can be delivered quickly and with a lower risk profile.

- **Data Integration:** DSSD takes advantage of the extensive library of commercial and custom middleware adapters to leverage the information in legacy and existing mission systems.
- **SOA Enterprise Interoperability:** IBM middleware infrastructure provides DSSD with the capability to share contextual information with users and systems via methods (i.e. Web services) that follow industry standard protocols.
- **Extensibility:** By leveraging the full library of tools and products from IBM, the contextual information can be provided securely from the command center to the field.

IBM's information integration experience and ThoughtWeb help enable Warfighters with critical core capabilities necessary for mission success. For more information, contact:

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