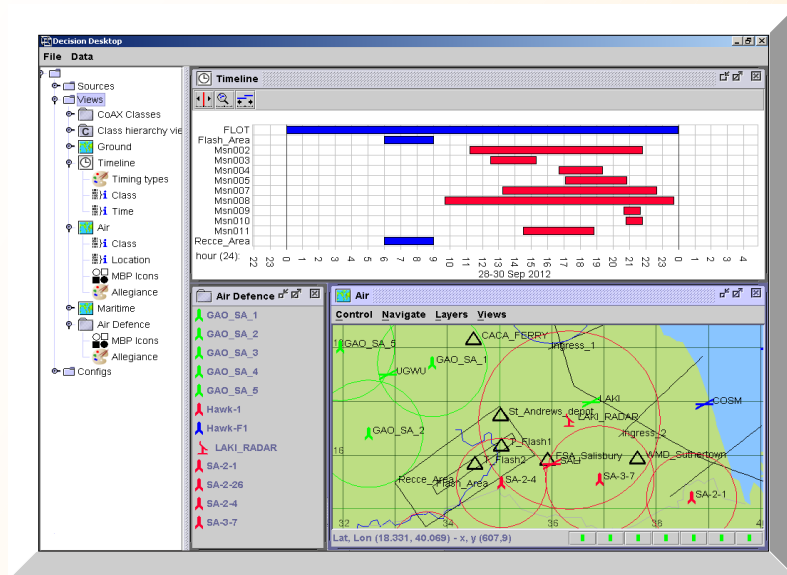# Decision Desktop

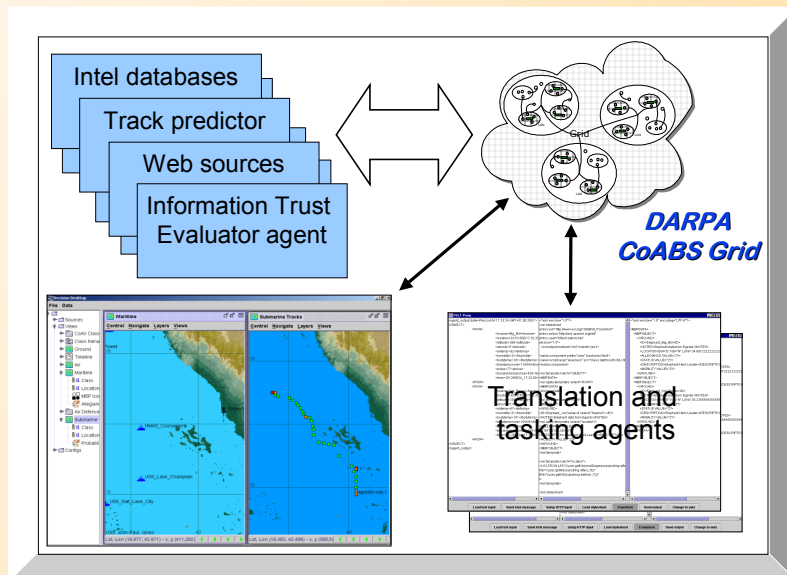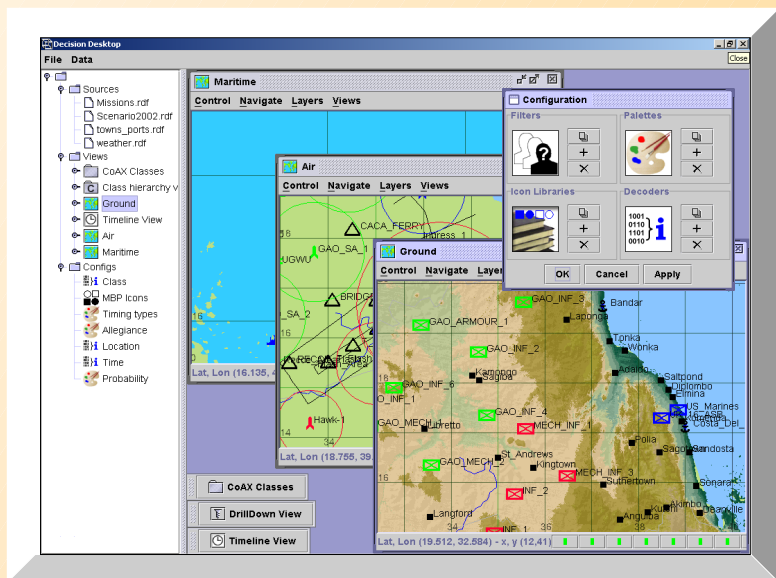David Allsopp and Patrick Beautement

www.QinetiQ.com

CoABS

Description:

◆ **Decision Desktop is a flexible, customisable decision-making tool that enables warfighters to acquire, manipulate and visualise diverse and dynamic information - however they wish and whenever they need it**

◆ **Agent-enabled for data acquisition and translation using semantic web technology**

◆ **Human-agent collaboration augments human cognition**

◆ **Connects heterogeneous systems and information**

◆ **Handles conflict and uncertainty**

Benefits:

◆ **Warfighters drive the Decision Desktop to support their military imperatives at run-time**

◆ **User determines the process - not the machine, which adapts**

◆ **Single point of access to all information via simple drag-and-drop interface - configurable and extensible using pluggable views and components**

◆ **Tracks and manages information provenance / trust; drill-down to underlying data when needed**

◆ **State of components / desktop can transfer to mobile devices**

Intel databases

Track predictor

Web sources

Information Trust Evaluator agent

DARPA CoABS Grid

Translation and tasking agents

Results / Future:

◆ **Decision Desktop has been fully integrated into the CoAX Binni 2002 Demonstration**

◆ **Views configured for CFC HQ shared situational awareness**

◆ **New data sources integrated at run-time as new requirements arise and new Coalition capabilities become available**

◆ **Part of UK MoD 'blue-skies' research program being pulled through and commercialized**

CoAX Binni 2002 Demonstration

DARPA