

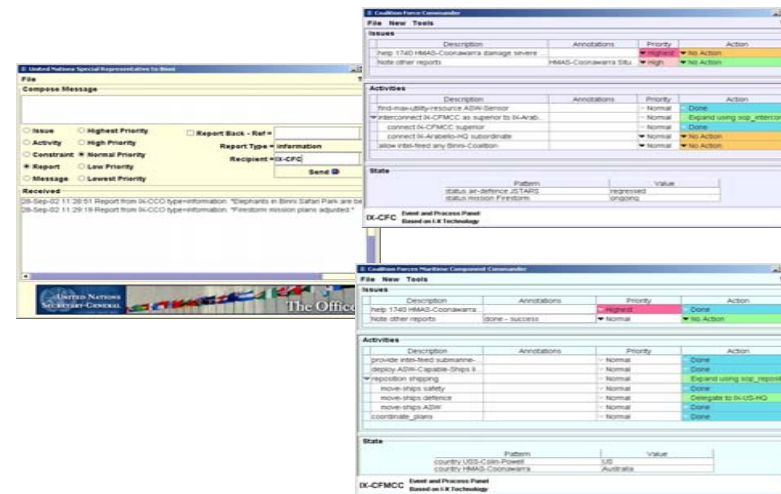
I-X

Intelligent Planning and Collaboration



Description:

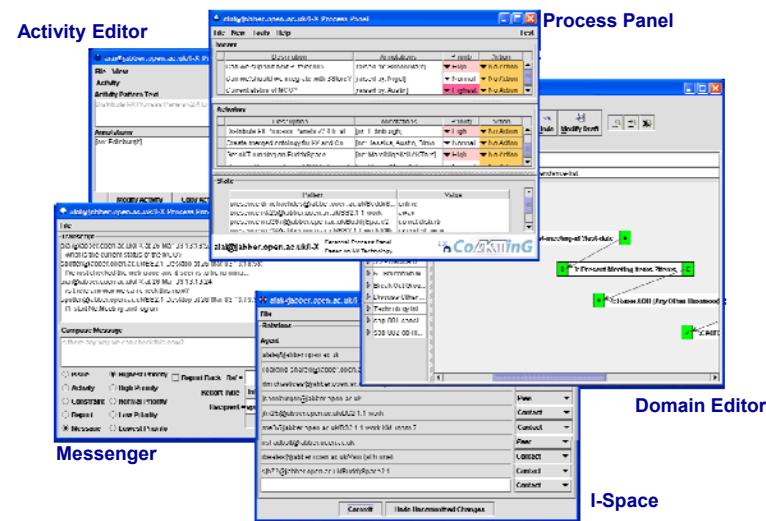
- ◆ Can take on and handle issues, activities, constraints, and annotations/reports in the C² process.
- ◆ Intelligent messaging support.
- ◆ Intelligent workflow and process support.
- ◆ Uses a simple <I-N-C-A> ontology
 - ◆ Issues, Nodes/Activities, Constraints, Annotations.
- ◆ Operates anywhere in continuum from manual to fully automatic.
- ◆ Part of CoAX – Coalition Agents Experiment.



DARPA CoAX Demo

Further work:

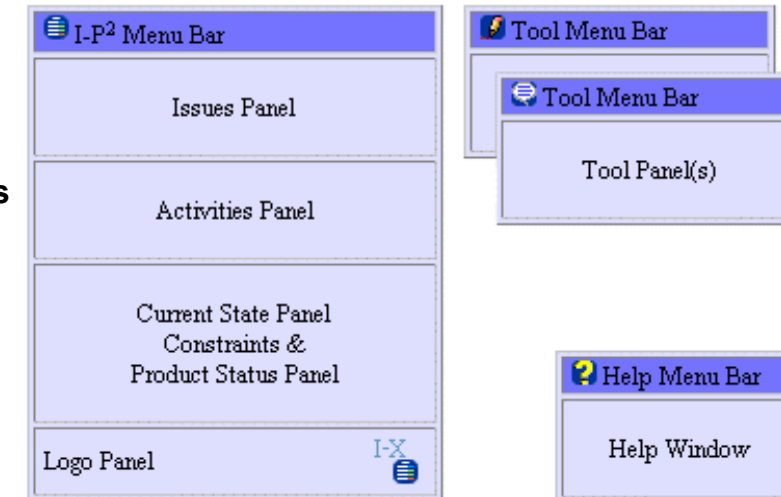
- ◆ Intelligent Planning Aid (“I-Plan”).
- ◆ “On-the-fly” repair and recovery during planning, execution and control of Coalition C² processes.
- ◆ Group collaboration facilities; links to other collaboration & video-teleconferencing aids.
- ◆ Improved process library editor.
- ◆ Improved “I-Space” agent relationship management tool and links to Grid Management Services.
- ◆ Improved deployment.



I-X Process Panel Interfaces

Results:

- ◆ Process Panels used for each command or country in CoAX demonstration.
- ◆ Flexible and loadable process models, process product descriptions and issue descriptions.
- ◆ Inter-agent commands, reports and message logging.
- ◆ Clarification of who says what to who else.
- ◆ Links to external capabilities.



Schematic of I-X Process Panel Components



AIAI
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<http://www.aiai.ed.ac.uk/project/ix/>

