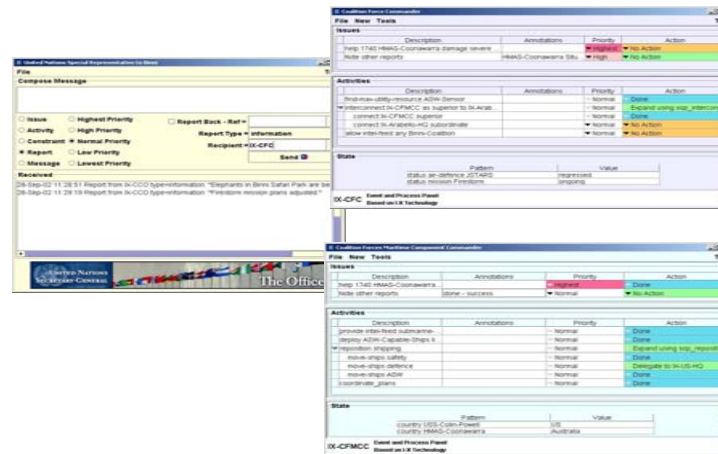


### Description:

- ◆ Can take on and handle issues, activities, constraints, and annotations/reports in the C<sup>2</sup> 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.



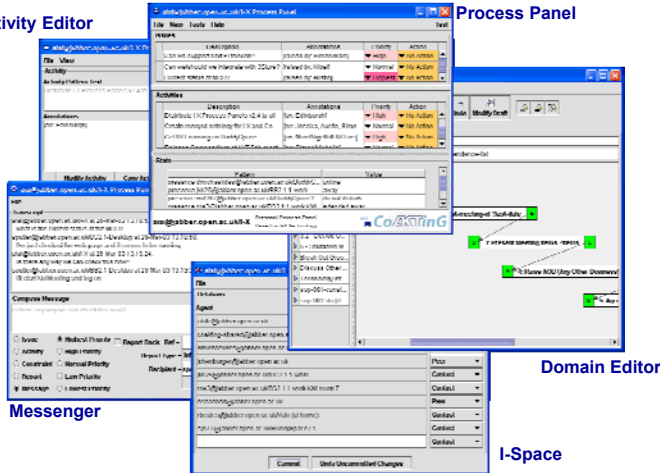
DARPA CoAX Demo

### Further work:

- ◆ Intelligent Planning Aid (“I-Plan”).
- ◆ “On-the-fly” repair and recovery during planning, execution and control of Coalition C<sup>2</sup> 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.

Activity Editor

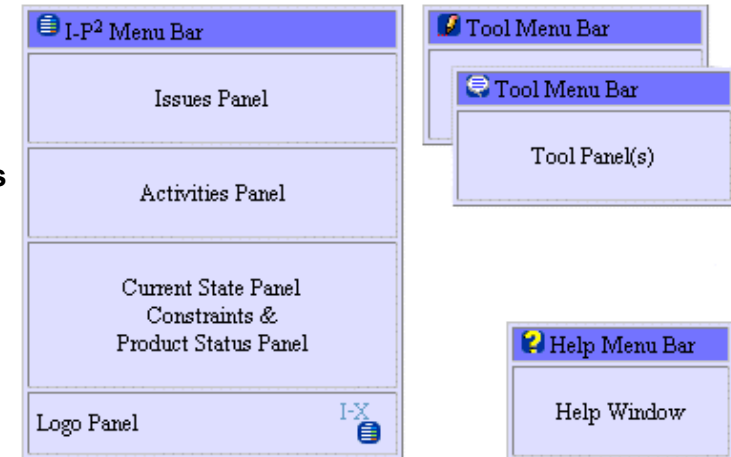
Process Panel



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