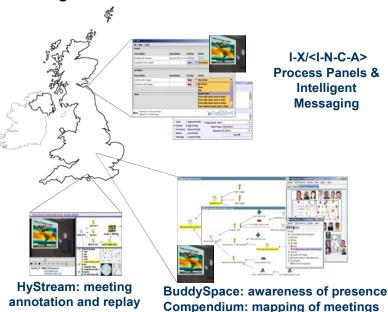
# CoAKTinG



## Collaborative Advanced Knowledge Technologies in the Grid

### Description:

- ◆ Support e-Science collaboration by integrating tools for & demonstrating utility of:
  - ◆intelligent task-orientated messaging, collaborative planning, issue, activity and constraint management;
  - ◆peripheral awareness of the online presence, availability, attributes and location of colleagues, documents, & devices;
  - ◆real time conversational mapping of meetings, providing shared visual focus and group memory capture;
  - ♦multimedia meeting mark-up, replay & navigation.

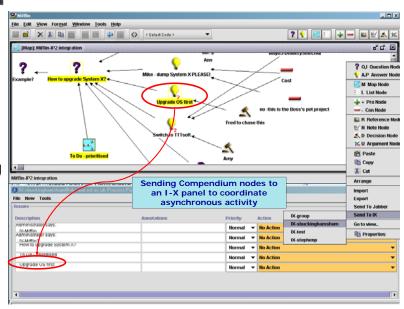


### Goals and technologies:

- ♦ To integrate multiple modes of collaboration.
- ◆ To enable replay of recorded and asynchronous meetings, navigated using process and issuebased ontologies.
- ◆ BuddySpace Instant Messenger (KMi/OU).
- ◆ Compendium for real time conversation mapping (KMi/OU).
- ♦ I-X Process Panels/<I-N-C-A> for Task-oriented messaging, planning and management (AIAI, Edinburgh).
- ◆ HyStream for multimedia mark-up (IAM/Southampton).

### Further work:

- ◆BuddySpace: Automatic maps, personal profiles, matchmaking services, zones of trust.
- ♦ I-X: Enrich exchange of concepts between I-X and Compendium and links between I-Space and BuddySpace to develop a 'meeting ontology'.
- ◆ Deal with issues supporting temporal, dynamic, and distributed resources
- ♦ Symbiosis with other ontologies and project.
- ◆Inform meeting mark-up and personal presence using Smart Spaces (personal knowledge devices, etc.).





AIAI, Open University and University of Southampton http://www.aiai.ed.ac.uk/project/coakting/

