

IPK Acquisition Working Group

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Objectives:

This is the key interface working group between the developers of the core of the SOPHOCLES System, developers of ICA (Intelligent Cognitive Advisor) and the developers of Cyber Enterprise.

The design-goal of ICA is to support the SoC designers in their decision-making activity.

Intelligent Cognitive Advisor (ICA) is a subsystem which provides an active decision support during e-design employing human-like reasoning functions and decision-making cognitive models. ICA development is a cross-disciplinary task which is based on the hypothetical assumption that end-user professional roles can be presented in the form of a uniform IPK architecture.

IPK (Information, Preferences and Knowledge) of the Intelligent Cognitive Advisor, are all data employed in the ICA support activity. Therefore they are related to the specification of:

- different domains of e-designer interventions on different detail levels

- different roles of e-designers and, adequate to them scenarios,

from the perspective of the designed role of ICA.

Therefore the activity of the IPK Group is focused on the negotiation and establishing (in the IPK terms) of:

- 1) role of ICA, i.e. type and range of the support**
- 2) description of the domain of activity of e-designers**
- 3) identification and suggestion of a generic e-designers activity (scenarios, tasks) and their constrains.**

The above tasks enable definition of the IPK Data-bases structure, their software platform and their internal management.

Activity of IPK WG

- 1. Communication and remote collaboration using the mailing list.**
- 2. Periodical technical meetings**
- 3. Elaboration of common normative documents.**
- 4. Acquisition of knowledge from different external sources and knowledge sharing among Sophocles partners.**