

23.5.2003

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European Working Group on  
**Simulation-assisted automation testing**

Kick-off meeting and workshop  
Frankfurt May 14<sup>th</sup>, 2003

Present:	Matti Paljakka, chairman	VTT Industrial Systems
	Tal Vagman	Tecnomatix
	Christer Nihlwing	IFE
	Juan Carrasco	Tecnatom
	Patricia Casla	Tekniker
	Jukka Pyykkö	Metso Automation
	Jonni Talsi	ABB Utility Automation
	Klaus Kryn	SDZ
	Rudiger Nadolski	SDZ
	Gerhard Schreck	Fraunhofer IPK
	Karri Honkoila	VTT Industrial Systems
	Veli-Pekka Mattila	VTT Industrial Systems
	Johannes Krauth	SDZ

#### Aim and Scope of the Working Group

The overall aim of the working group, i.e. to promote the use of simulation in various phases of automation deliveries, was accepted by the members.

What is required for the take-up of simulation technology is

1. Standardisation to fill the gaps in the current specifications on data exchange, time management, simulation control, product data exchange etc
2. Integration of tools into packages by the aid of the specifications
3. Working method development, as the new tools and technologies enable new ways to make automation applications
4. Internal marketing to help in selling the ideas in each organisation

As the workgroup only has a budget for travelling which is sufficient for two meetings, no real standardisation or other development can be carried out in the group itself. What the group can do is to gather experiences, specifications and visions, and to present these to standardisation bodies. The group can also continue in the form of a project that would have the resources to do the required work.

#### Presentations

Each member gave a presentation on experiences in using simulation in connection to automation software. The presentations will be distributed to those working group members that are Sim-Serv members through the Sim-Serv website, and for others by other means.

## How to go further

After the meeting, all members of the working group shall

1. Join the Sim-Serv project and provide material on the Sim-Serv website, e.g. a member profile and success stories
2. Send updated presentations to Matti in order to have them distributed. Confirm that the presentations can be made public also to other Sim-Serv project members.
3. Use any contacts in standardisation bodies that may be relevant for the working group topic and aim to correctly relate the working group to ongoing standardisation work
4. Inform end-users about the working group and try to involve them. A motivation for the end-user might be his need for a variety of simulation services and tools.
5. Based on the discussions, express any further expectations that they may have from the working group

The working group listed following specifications, standards and standardisation bodies that have relevance in the working group topic:

- ProSTEP
- OPC
- IEC 1131
- SME
- Fieldbuses
- Cape Open

According to the cost estimates received for the first meeting, the budget of the working group will probably enable a second meeting. The meeting would take place in connection to some appropriate trade fair, seminar or other event in autumn 2003. Meanwhile, eMeetings can be held. Also, mailing lists under sim-serv.com or another domain may be useful. There is a need to continue the discussion on both domain-specific and cross-domain levels.