

## Meeting minutes of VIPNET Kick-off

**Location:** Conference room at Korea IMS executive office Shinnan Building, 4<sup>th</sup> Floor,  
Seoul, Korea

**Duration:** Dec. 7-8

### Abstracts:

- Kick-off meeting of the VIPNET International Project was held in Seoul.
- 21 members have attended from Korean, Swiss and Japanese regions.
- Although Canadian partners could not attend the meeting for their internal problem, they would like to continue the relationship with this project – Hans Shoebach sent the document of their project plan for their region.
- The subjects are the following:
  - Introduction of IMS Scheme
  - Presentation from each partner
  - Review of the schedule and deliverables of the VIPNET international project.
  - Presentation of the enhanced 3D browser.
  - 3D CAD data translator
  - Evaluation methods in each partner and discussion of practical issues
- Dan Nagy, Program Director of IRS presented the new IMS Scheme which was just started from 2005 because the meeting room was just in front of the IMS office.
- We had the fruitful results in this meeting. We agreed on the practical issues, such as the cooperated modification of 3D translator and 3D browser, discussion of connection methods between GPM based system and ERP systems.
- Each partner is interested in some different areas; therefore the developed products in the VIPNET project will be evaluated from various aspects and will be improved for effective functions. The followings are summary of the status for each region:
  - Korea
    - ◇ KAIST: CAD data created by MicroStation for Korean new type PWR AP1400 will be translated into GPM format. Surface data is included in the 3D data.
    - ◇ IAE: They are interested in connection methods between SAP ERP systems for KHNP and GPM DB.
  - Japan
    - ◇ Hitachi, Ltd.: provides a data warehouse system and browsers for

evaluation purposes. In the evaluation, practicality, performances and so on will be seen. Since surface visualization functionality is not implemented in the current browser, Japan VIPNET team will support the modification of the browser & server source codes. These basic functions for representing boundary representations have been already developed in the last FY's project. So the modification will not take much time.

- ◇ AIE Research, Inc.: is interested in the extraction of knowledge from drawings and knowledge modeling.
- ◇ University of Tokyo: supports Ontology related research.
- Switzerland
  - ◇ EPFL: will translate the data of 3D CAD system, such as CATIA, into GPM format. They will connect systems between GPM related system and ERP systems.
  - ◇ Bombardier: will contribute from the data management of transport equipment manufacturer.
  - ◇ Maillerfer: will contribute from the data management of the electrical cable manufacturer.
- Canada
  - ◇ Timelog International: is interested in the monitoring of Shop Floor Control systems. Especially, they will build real-time monitoring systems.
  - ◇ NRC-IMTI: real-time remote monitoring systems have been already developed. They would like to cooperate with GPM based system.
  - ◇ UQO: is interested in knowledge extraction from multi-dimensional data.
  - ◇ UWO: is interested in distributed cooperative intellectual systems.

[Attendees]

Contact person in each region is denoted as red characters.

A. Attendees from Japan VIPNET team

Taesung Yoon [Open Knowledge]

*Hiroshi Seki*, Hiroaki IKEDA [Hitachi Ltd]

Kanesada TAKYU [Takyu Software]

Kouichi SHIBAO [AIE Research Inc.]

B. Attendees from Korea nuclear plant project team

*Soonhung Han*, Duhwan Mun [KAIST]

Sang-uk Cheon, Jinhyun Yoon [PartDB]

Deok-Yong Song [ACT]

Young-jun Choi [Youl]

Chan-Cook Park, Hyungjin Kim, Kwanghyun Kim [IAE]

Kyung-ik Ahn, Sae-kwan Han [Korea STEP center]

Jae-ro Yoon [KOPEC]

Suk-woong Chung [KHNP]

C. Attendees from Canada VIPNET team

*No one attends.*

Contact Person → *Hans D. Shoebach* [Timelog International]

D. Attendees from Switzerland VIPNET team

*Michel POULY*, Souleiman NACIRI, Jean-Charles Binggeli [EPFL]

E. Attendees from IMS Inter-Regional Secretariat

Dan Nagy [Program Director]



Photo 1: Attendees of Kick-off meeting

[Agenda]

Subject	Speaker	Date	Time
<i>1) IMS Review</i>	Dan Naggy	Dec. 7	9:00-10:00
<i>2) Each partner's presentation</i>	Japan, Korea, Switzerland		10:00-12:00
<i>3) AIE's presentation</i>	Kouichi Shibao		13:30-14:30
<i>4) Review of the deliverables &amp; Schedule</i>	Hiroshi Seki		14:45-15:00
<i>5) 3D Viewing System</i>	Hiroaki Ikeda		15:00-17:00
<i>6) Review of the past results</i>	Soonhung Han	Dec. 8	9:00-10:00
<i>7) Korean partner's plan</i>	Duwhan Mun, Chan-Cook Park		10:30-12:00
<i>8) 3D DGN translator</i>	Kanesada Takyu		13:00-17:00