

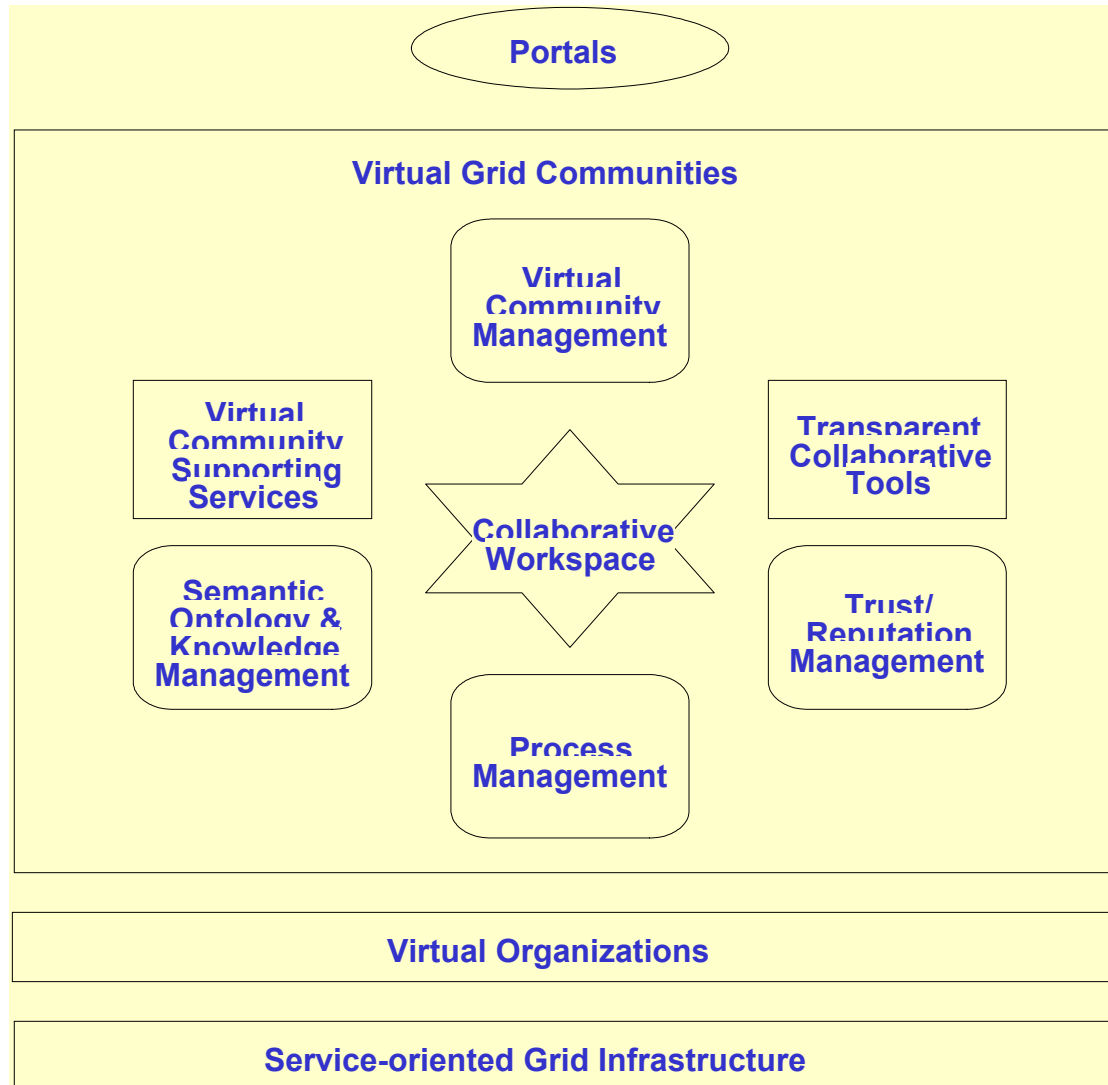
# Grid Asia 2006

## Manufacturing

- Introduction
  - National Grid Project
    - Operational Transparent Virtual Grid Community Over Service Oriented Grid
  - The Integrated Manufacturing and Service Systems
    - Pilot Projects (Sept. 2004 - March 2005) → Thematic Strategic Research Programme (TSRP).
    - Nine projects awarded in April 2006

# Grid Asia 2006

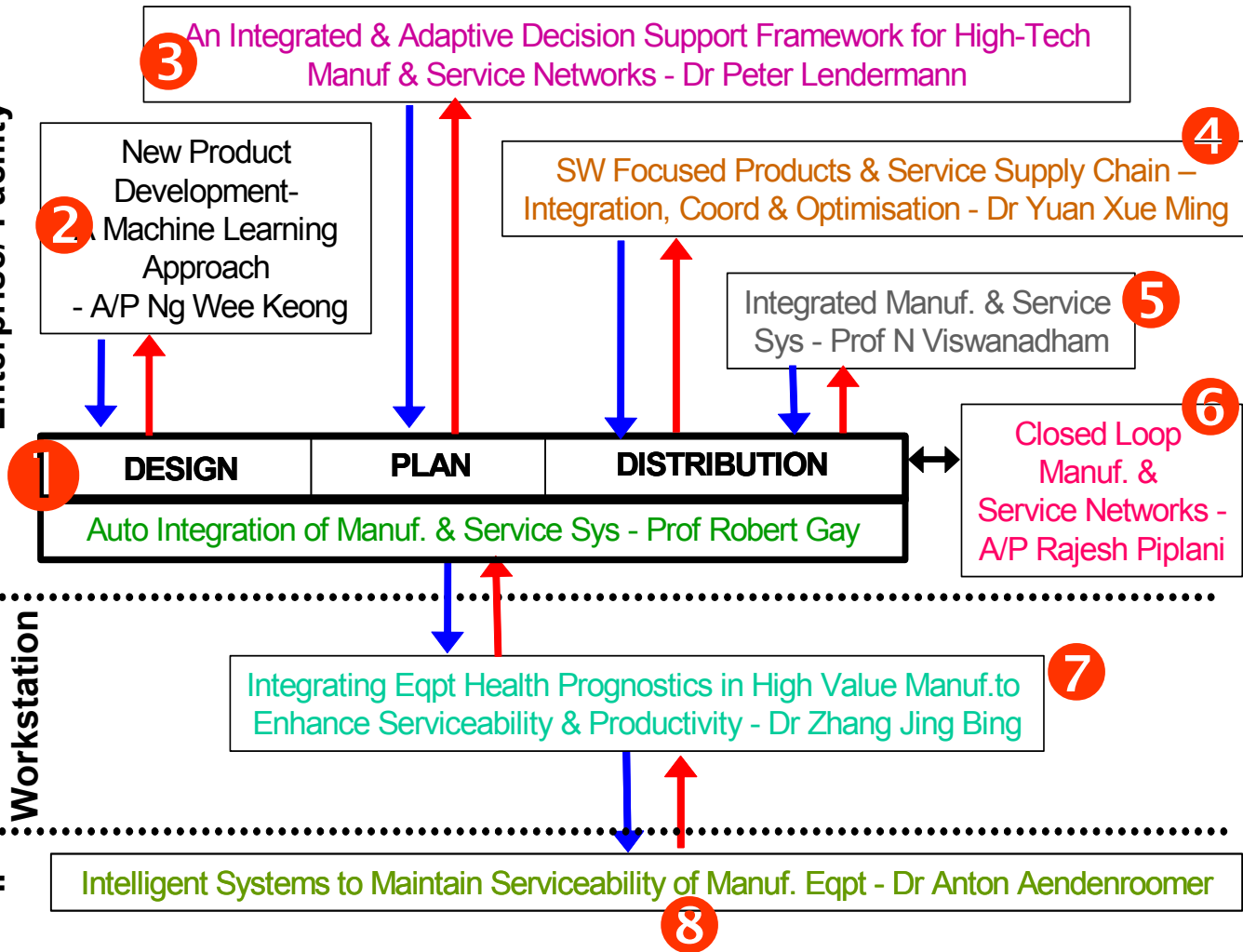
## Virtual Grid Community



# Integrated Manufacturing & Service Systems (IMSS) Framework

## Typical Manufacturing Environment

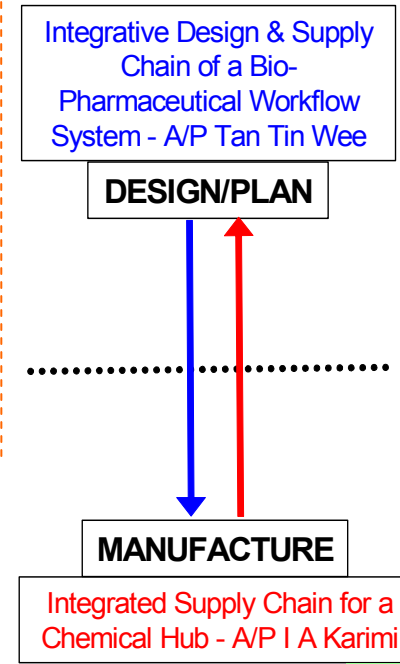
Enterprise/ Facility



Plant/Cell/ Workstation

Eqpt

## Bio & Chem Manuf. Env. **9**



Enterprise/ Facility

Plant/ Shop

Control/Command ↓ ↑ Feedback/Status