From

Enterprise Applicaton Integration

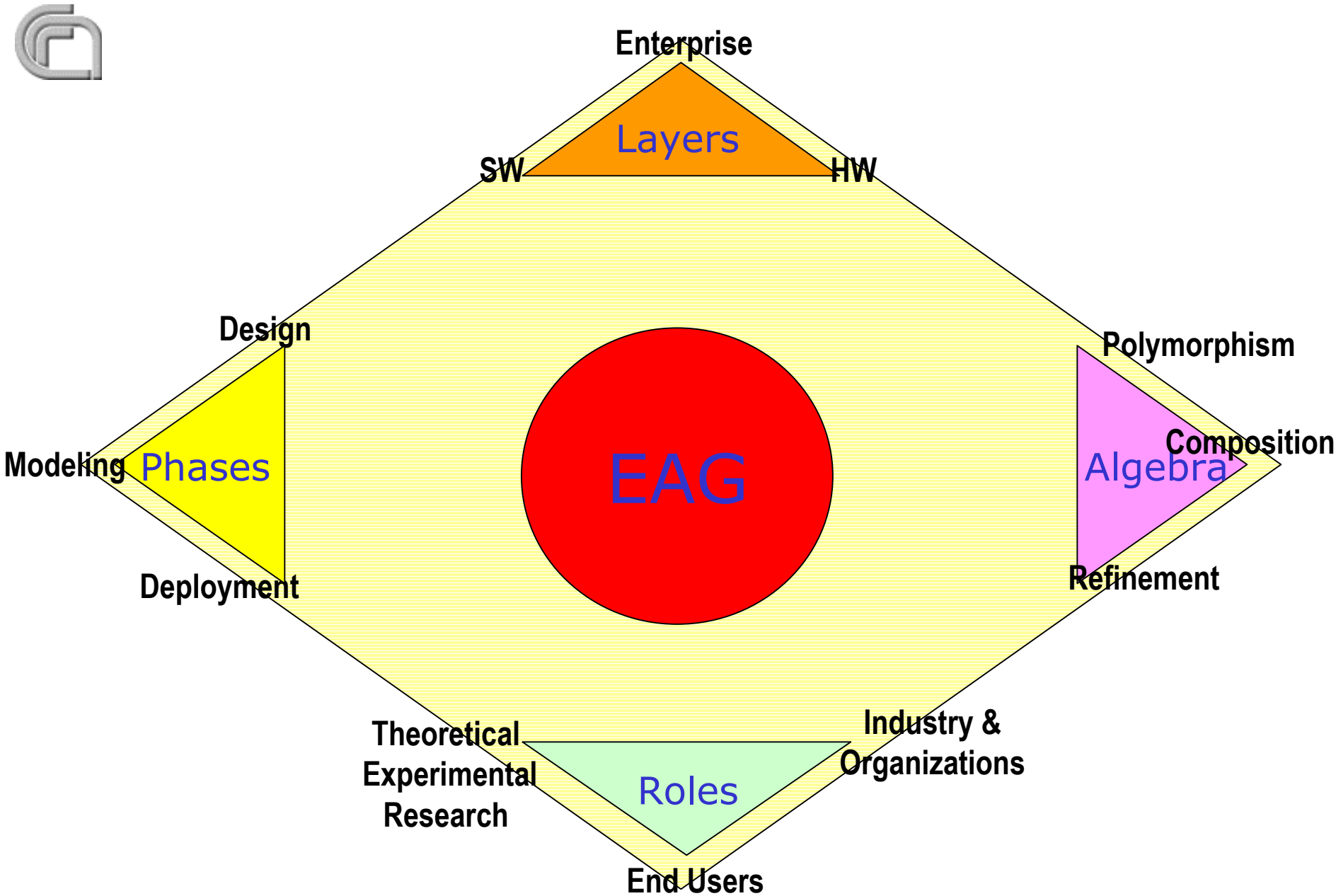
to

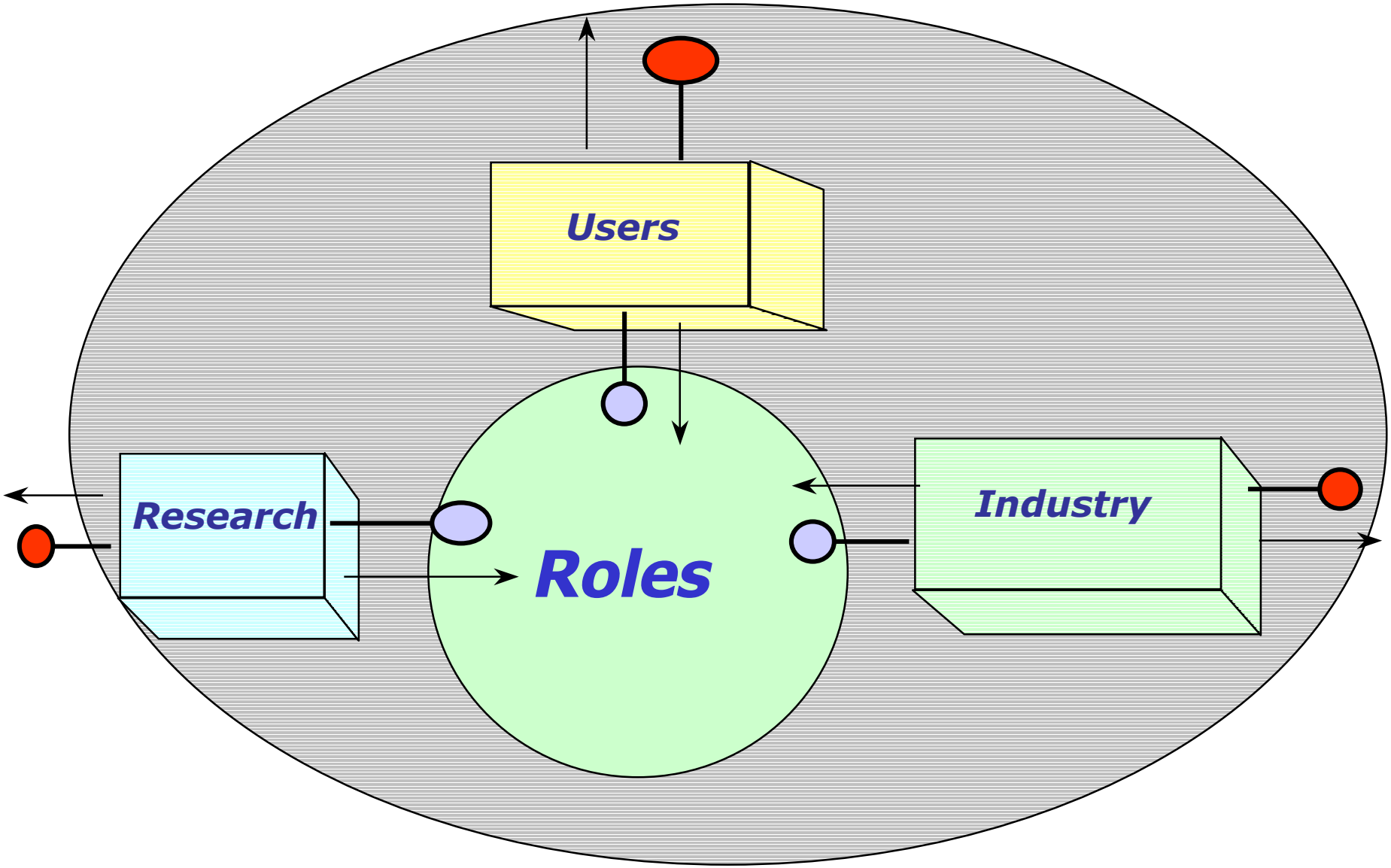
Enterprise Applicaton Generation

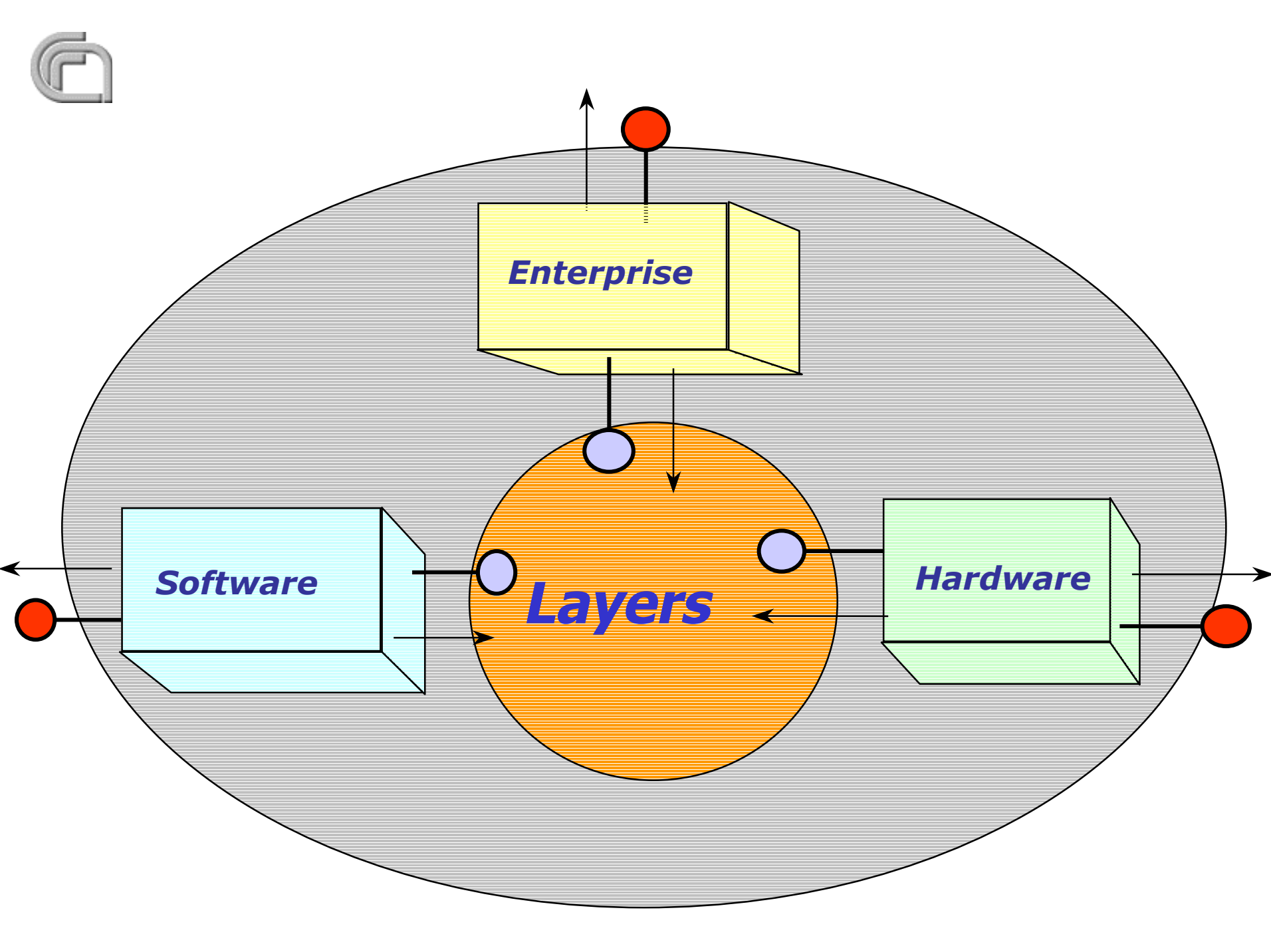
Italian National Research Council-CNR
http://www.cnr.it

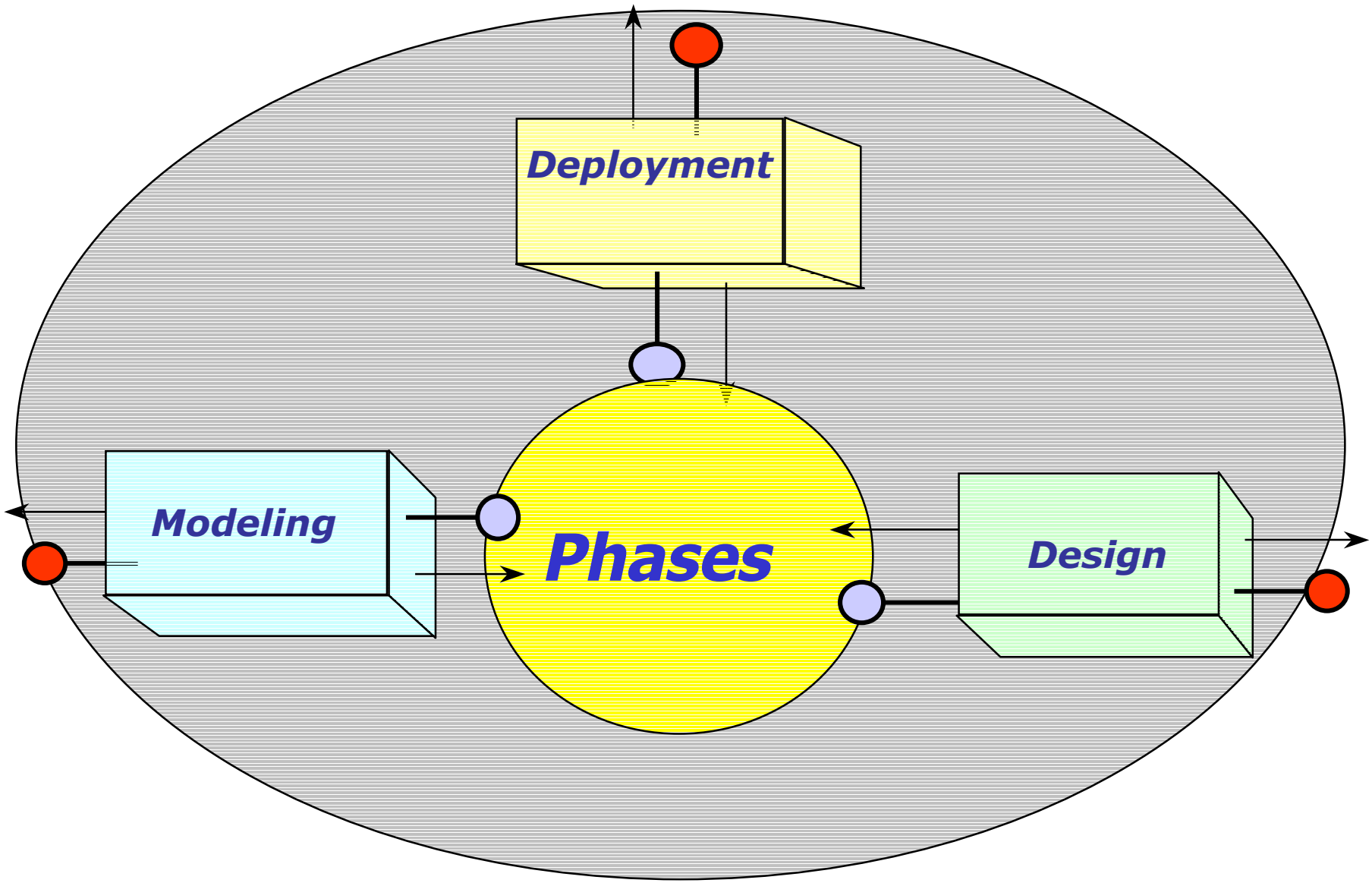
M. Lancia, A. Marchetti, G.F. Mascari and M. Vitale
http://www.cedrc.cnr.it

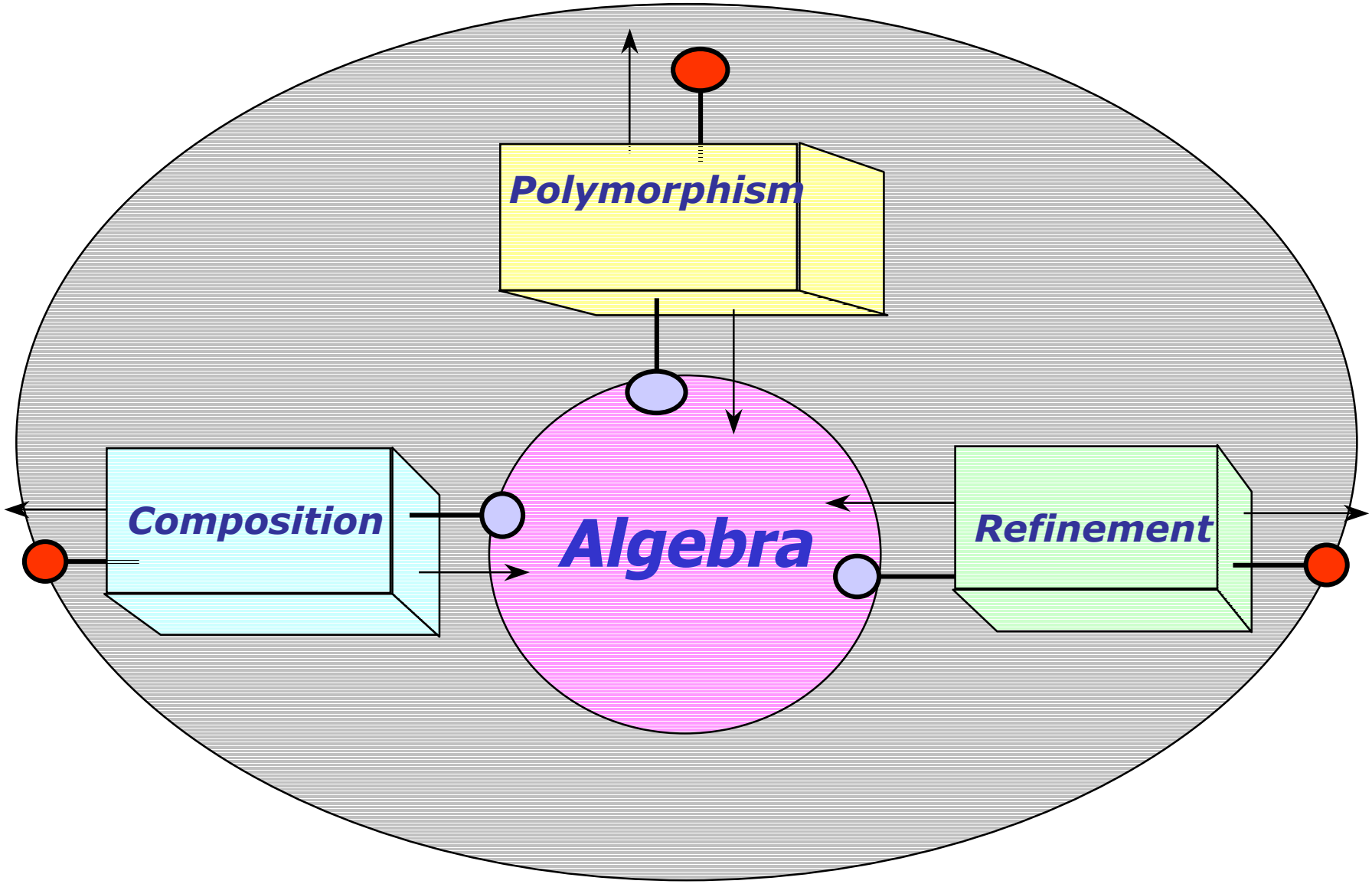
OMG's First
Enterprise Application Integration Workshop
February 7-11 2000


Enterprise
Layers
SW
HW
Design
Polymorphism
Modeling
Phases
EAG
Algebra
Composition
Deployment
Refinement
Theoretical
Experimental
Research
Roles
Industry &
Organizations
End Users


Users
Research
Roles
Industry


Enterprise
Software
Layers
Hardware


Deployment
Modeling
Phases
Design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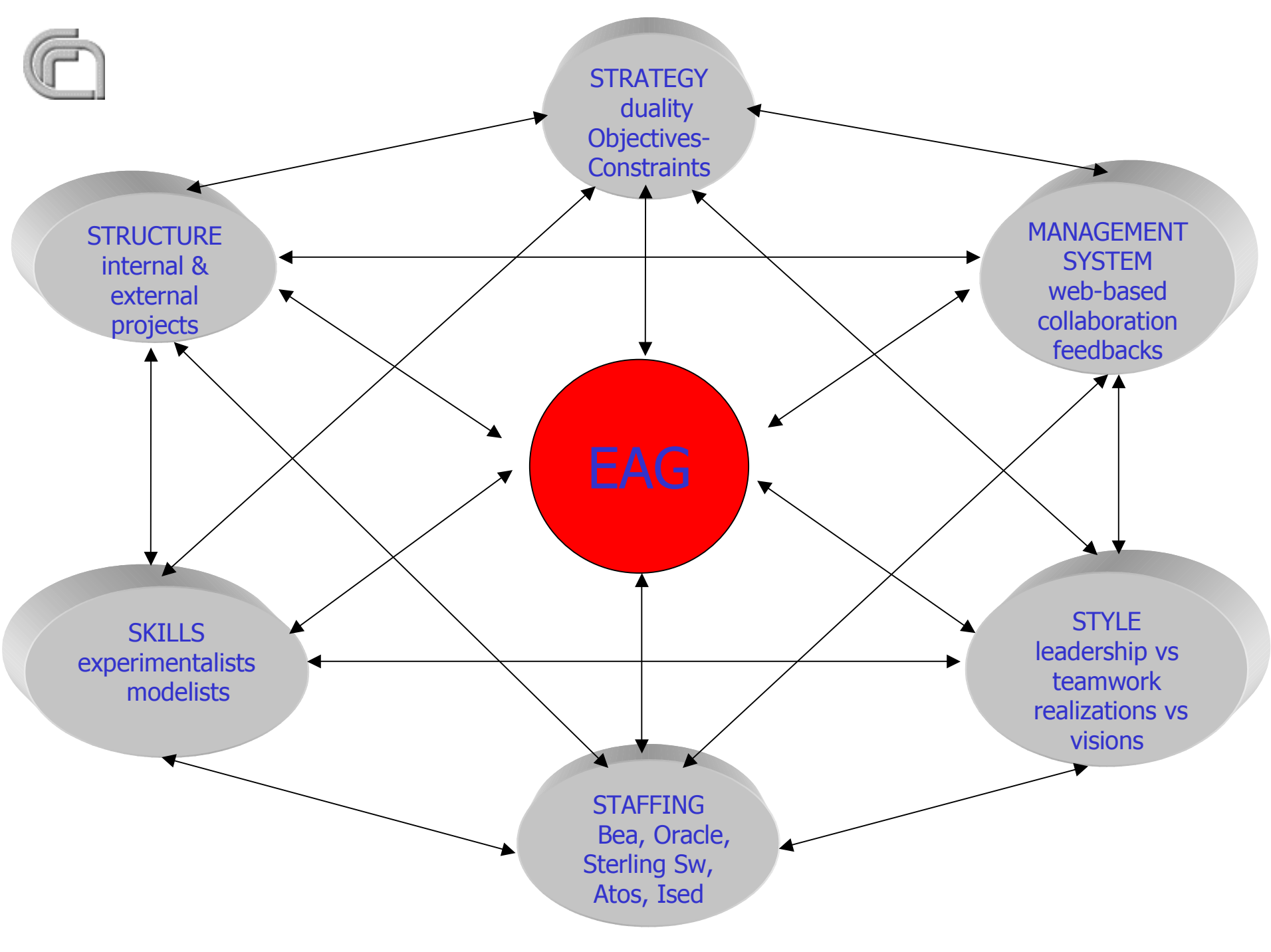
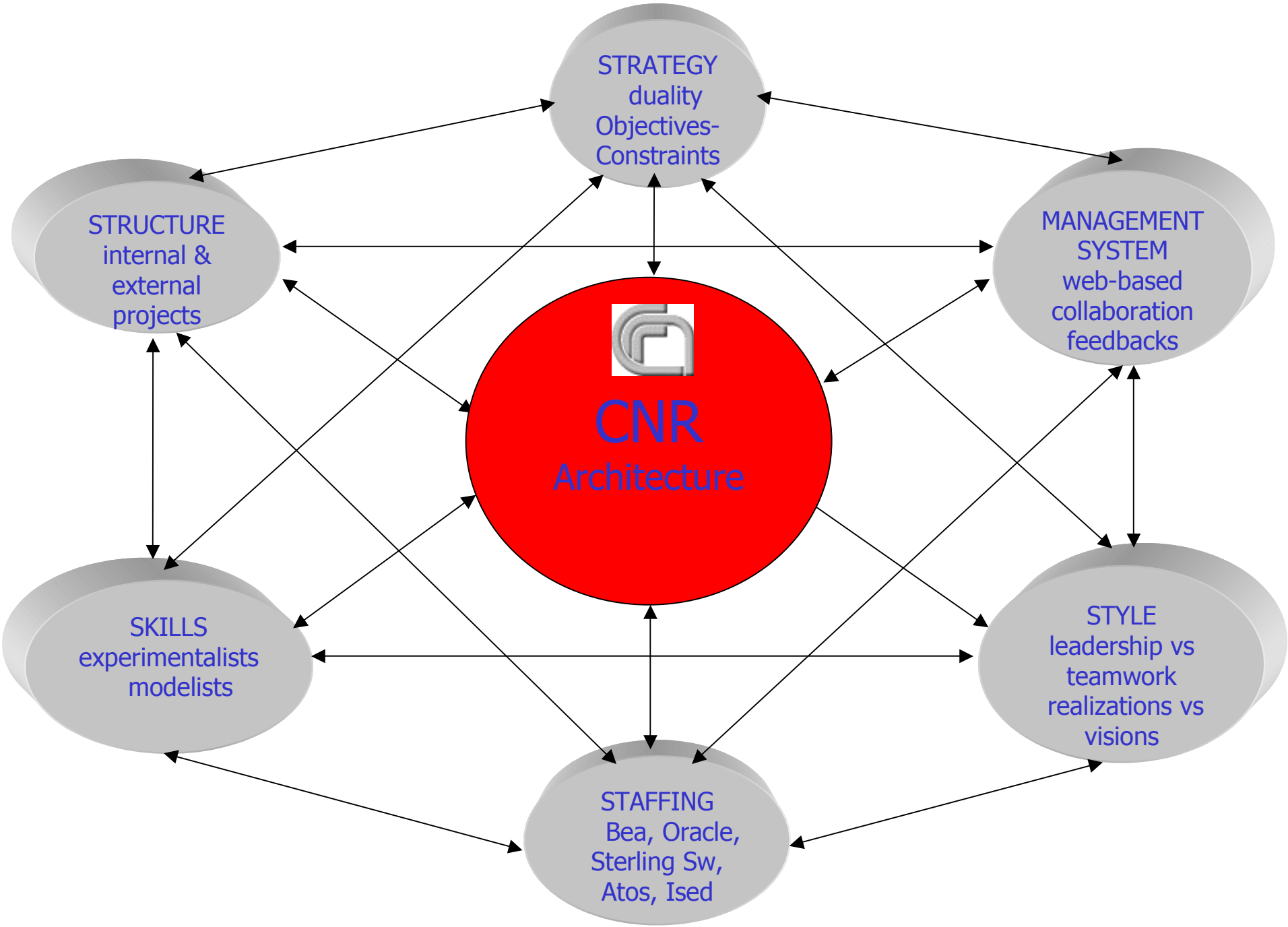
Refinement


STRATEGY
duality
Objectives-
Constraints
STRUCTURE
internal &
external
projects
MANAGEMENT
SYSTEM
web-based
collaboration
feedbacks
EAG
SKILLS
experimentalists
modelists
STYLE
leadership vs
teamwork
realizations vs
visions
STAFFING
Bea, Oracle,
Sterling Sw,
Atos, Ised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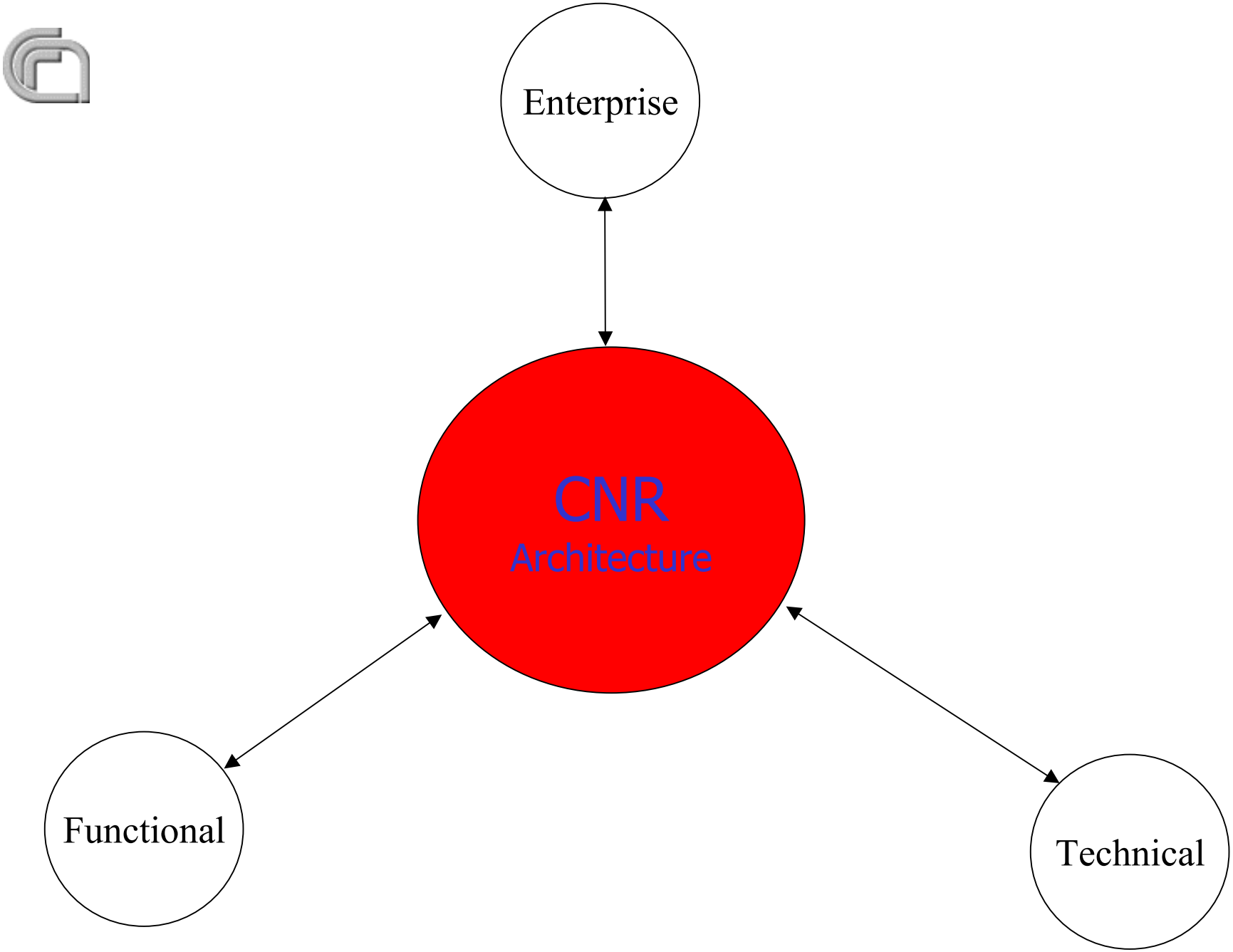
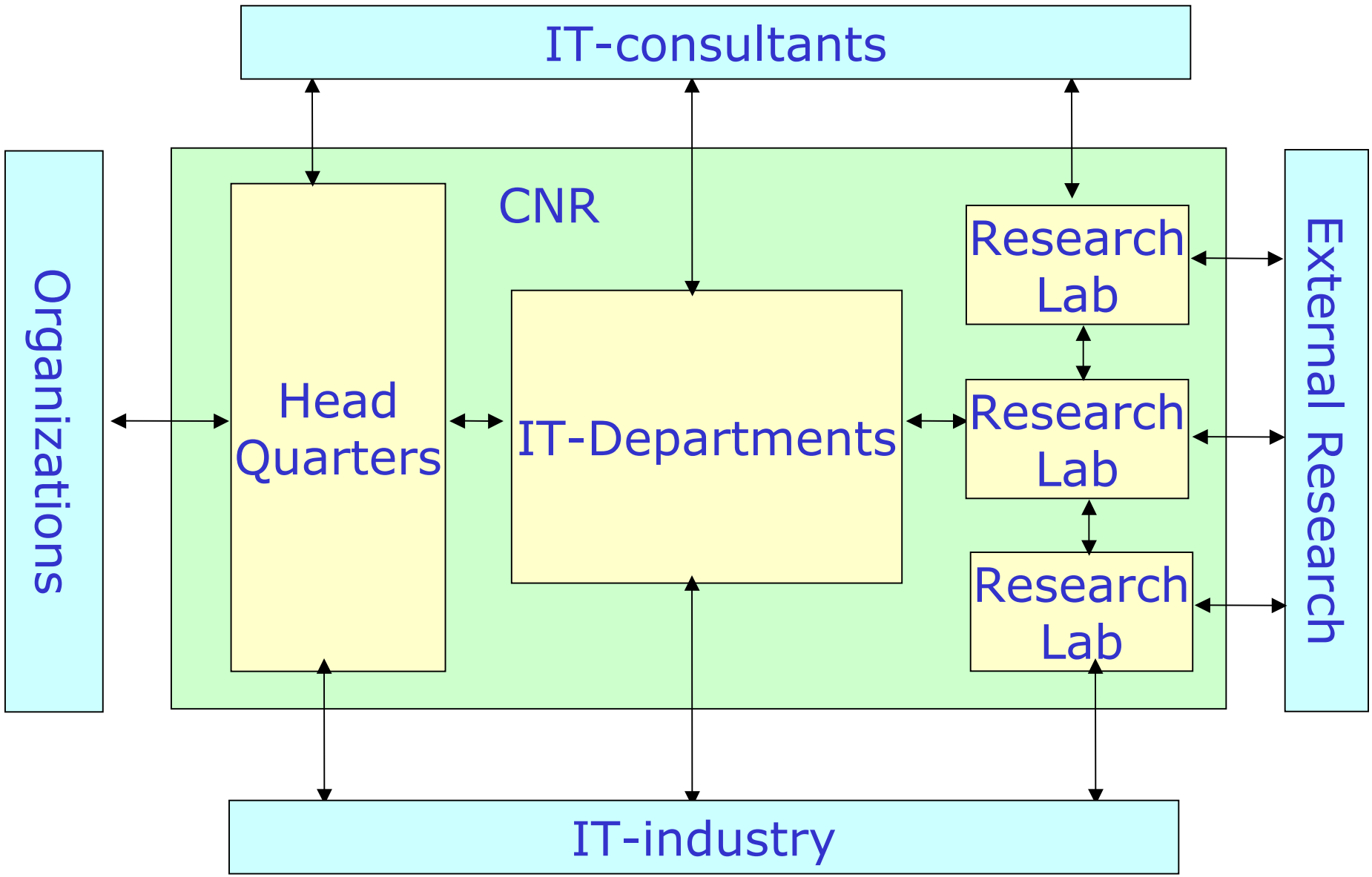
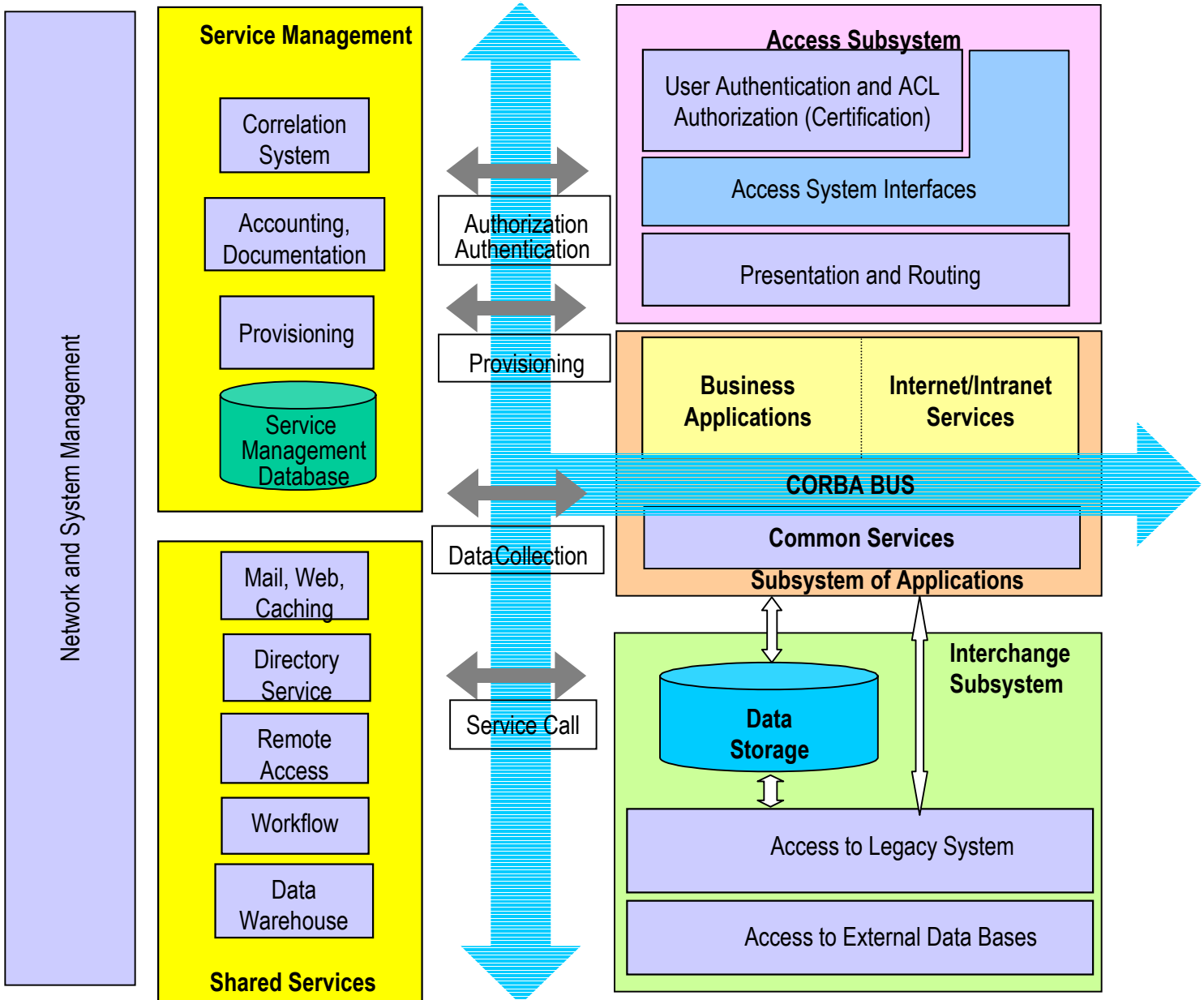

Enterprise
CNR
Architecture
Functional
Technical

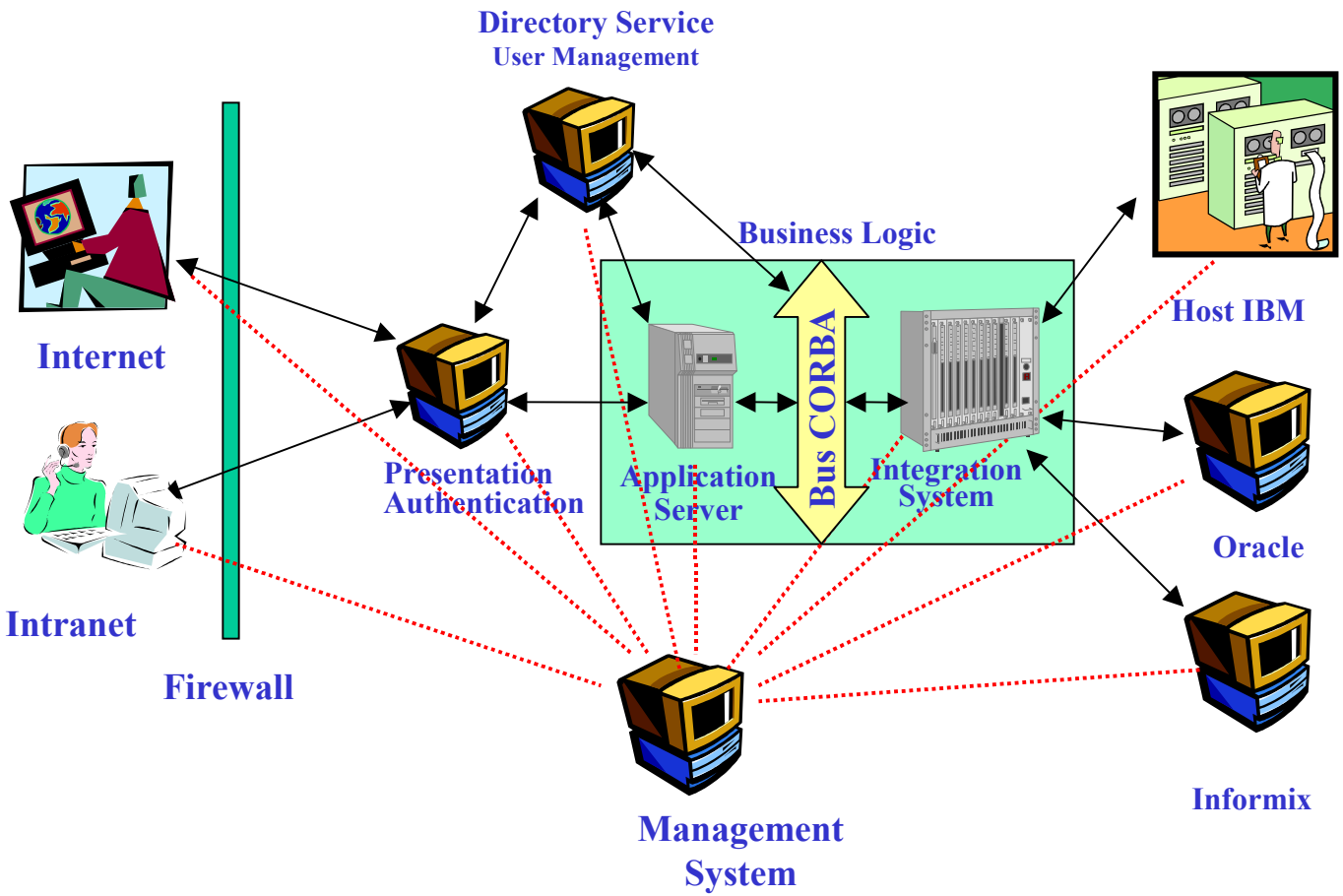
CNR – Enterprise Architecture



CNR-NSII - Functional Architecture



CNR-NSII – Technical Architecture



VISIONS

- **e-Research**
- **Enterprise Genome Project**
- **Pure and Applied Research e-Lab**