

## Offered Services

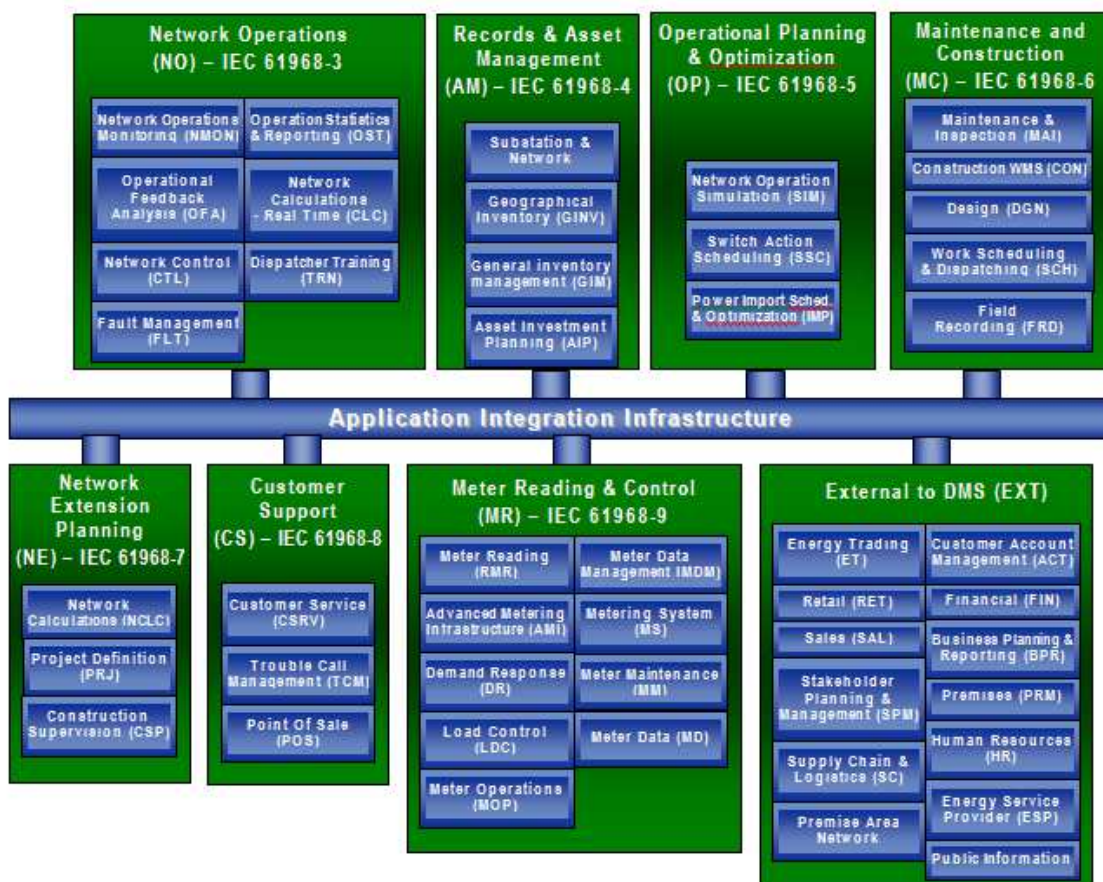
### DIGI<sup>2</sup>TAL

Within each project, and for each member of this project logged in to the portal:

- Access to the electrical network data granted to this project by the EDF owner of the data
- Export of the network data to the following formats : ASC, CIM-CDPSM, MSITE, ECH, UCTE, Matlab
- Access to the software tools granted to the project, among the following ones available for now : CIM Viewer, CIMSPY, EUROSTAG, EMTP, FAR-RECONFIGURATION, MOSARD, PRAO, MERCURY, CIMPHONY, TRADER
- Access to the knowledge and expertise data granted to this project by the EDF owner of the data

A session with a software tools can be shared between several users (one master and guests).

The reservation of a software tool can be planned.



*Digi<sup>2</sup>Tal interface reference model, based on IEC 61968-1*

### Concept Grid

The whole Concept Grid network is fully devoted to testing; on that purpose it is :

- independent from the real distribution network.
- wide enough to generate perturbations in real conditions of operation (harmonics, voltage drops, short-circuits...)
- possible to carry on investigations with the neutral system
- equipped with fibre optics to monitor the grid
- able to evolve and to carry new devices in future experiments

From that point of view, Concept Grid is complementary with field demonstrators: it is much more flexible and it allows a faster access to results.