

Industry Forum: DATAMAT Position



Federico Rossi - Grid Business Development Director

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DATAMAT policy in regards to Grid



- ✓ Our traditional focus is on innovation, with a long record of international R&D projects followed by successful commercial exploitation. We perceived Grid as one of the most promising novelties for the ICT market, enabling distributed applications, and emerging scenarios such as e-collaboration.
- ✓ In 2000 we decided to participate in DataGrid, the first large Grid Project in Europe, to acquire the specific knowledge of technology and to understand its potential business return in terms of application and services deployment...
- ✓ ... and in the following years to other European outstanding initiatives: CrossGrid, EGEE, NextGRID, Akogrimo, SpaceGrid, The Voice.
- ✓ At present, while continuing our commitment in the European R&D Project, we are also actively working in the Italian landscape:
 - by supporting INFN-led initiative c-OMEGA (PPP for open middleware);
 - by promoting new initiatives within Finmeccanica group (e.g. MIUR Prisma*grid with Ansaldo, ELSAG, Selex SI or ESA GDCD with Alcatel Alenia Space).

Grid applications development



- ✓ The initiatives we have undertaken are aimed at:
 - Easing the diffusion of a Grid culture, mostly through a generalised test-bed policy aimed at demonstrating in concrete terms the advantages of its use, in strong synergy with research
 - Grid-enabling classes of applications by developing suitable tool-kits and/or porting existing problem solving environment on Grid contexts
 - Exploring new working environments (e.g. ambient intelligence, nomadic / mobile environment)
 - Promoting and supporting standardisation activities, so that access to Grid services and resources does not depend on specific middleware implementation and/or specific infrastructure

DATAMAT target offer



✓ Consultancy

- 'Additional' services such as Certification, training and promotional activities are the keys to introduce Grid based solutions into Customers' day-to-day business.

✓ Application enabling

- Adaptation of existing Problem Support Environments to enable the use of Grid is based on a combined deep knowledge of customer processes and of the underlying technologies.

✓ Application development

- The use of a new and powerful technology to solve new classes of problems requires capability of mastering business needs.

✓ Integration

- Our long experience in integration is the enabler for a smooth combination of the different technological aspects in a transparent way for the end-user.

Our vision on the Grid's place and role



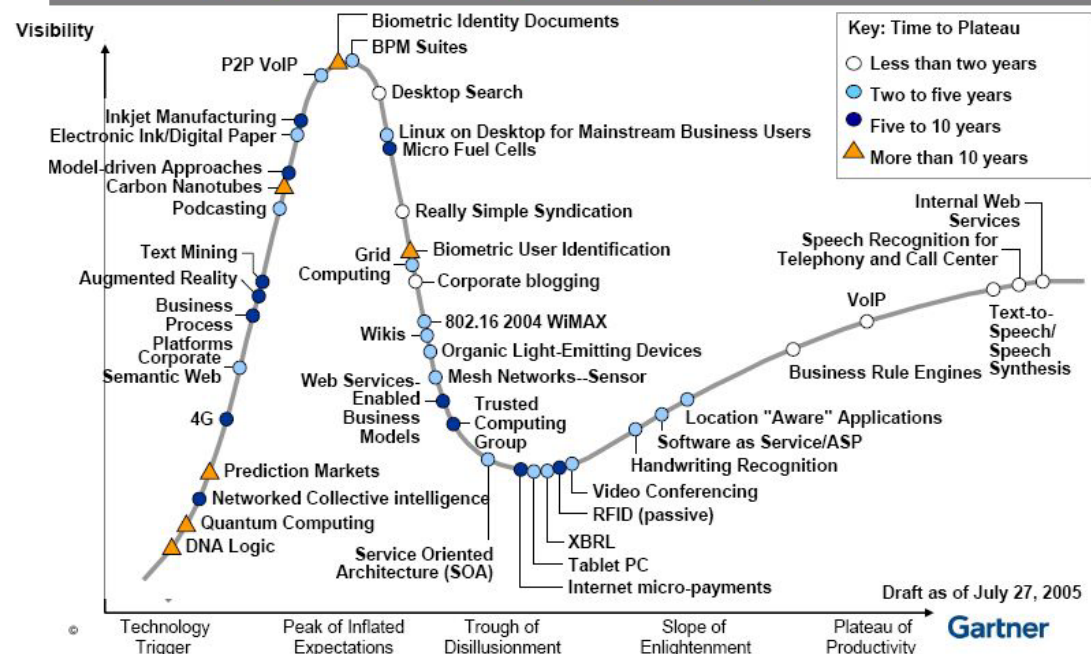
✓ Technology status

- The architectures, the available implementations, the relevant standards are not yet mature enough to have a kind of "grid-out-of-the-box" to be easily demonstrated to potential industrial customers and to easily achieve interoperability.

✓ Market immaturity

- Customer reluctance towards innovative concepts and little confidence in the technology as the solution to problems.
- Commercial attitude to promote 'results' much earlier than the actual availability and offer fragmentation.

Emerging Technologies Hype Cycle 2005



Questions?



federico.rossi@datamat.it

grid@datamat.it



+39.06.5027.4787