

Servicing healthcare and beyond with Grid technologies

Yannick Legré

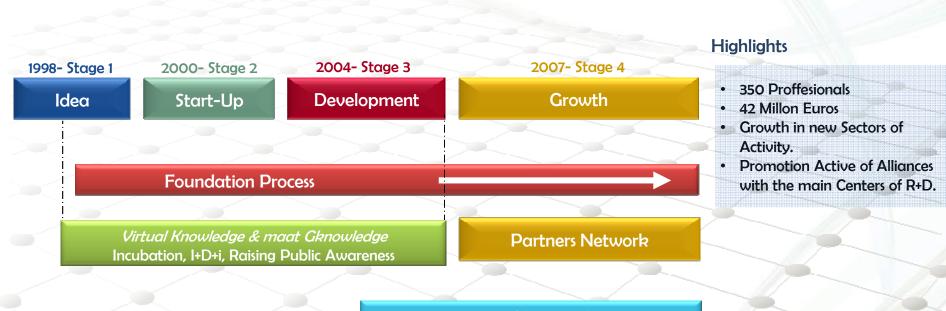
International Relationships Director







## **Development Stages**



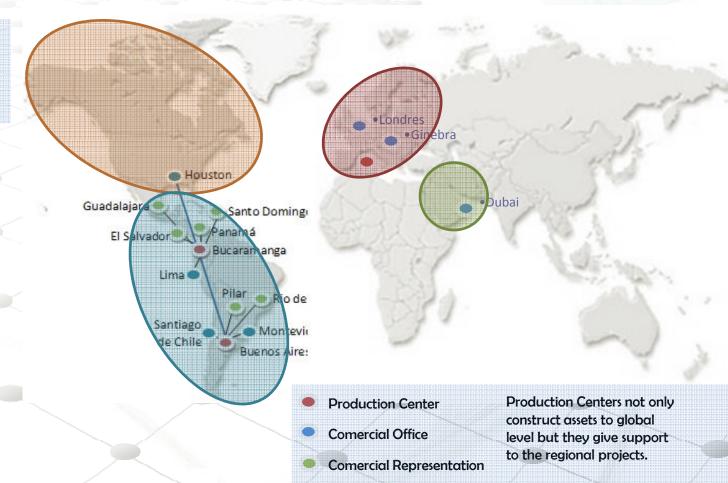
maat Gknowledge Internationalization



### Internationalization - Geographic Expansion

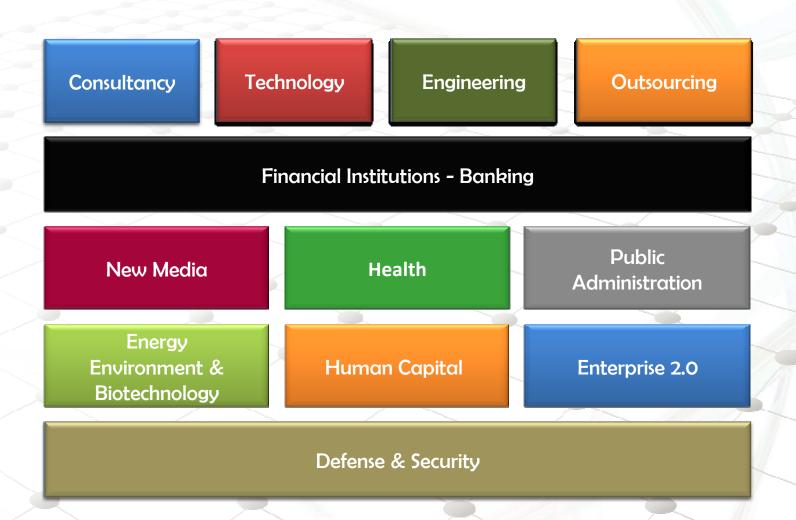
### A Grid of Companies...

- Europe.
- North America.
- Latin America.
- Middle East.



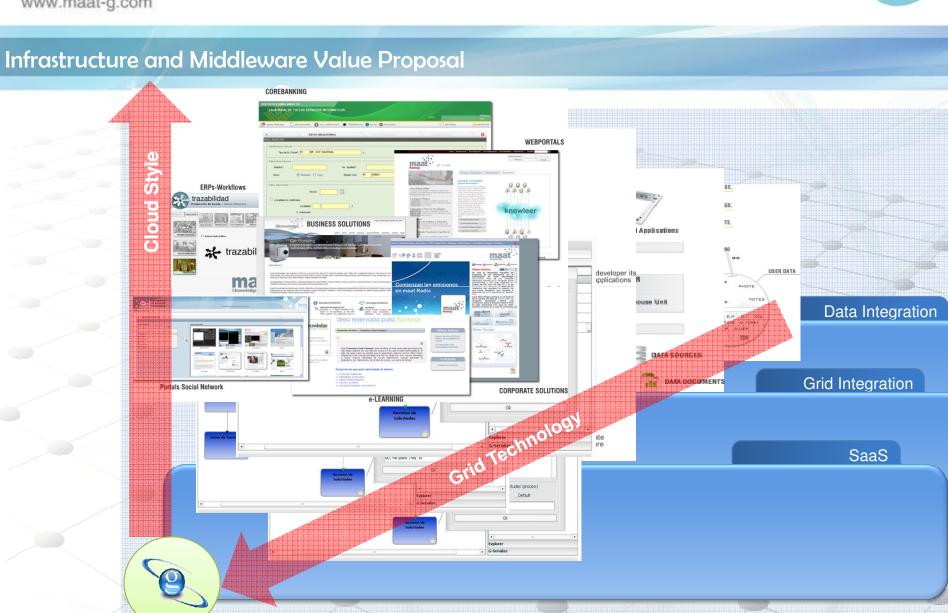


### **Market Sectors**





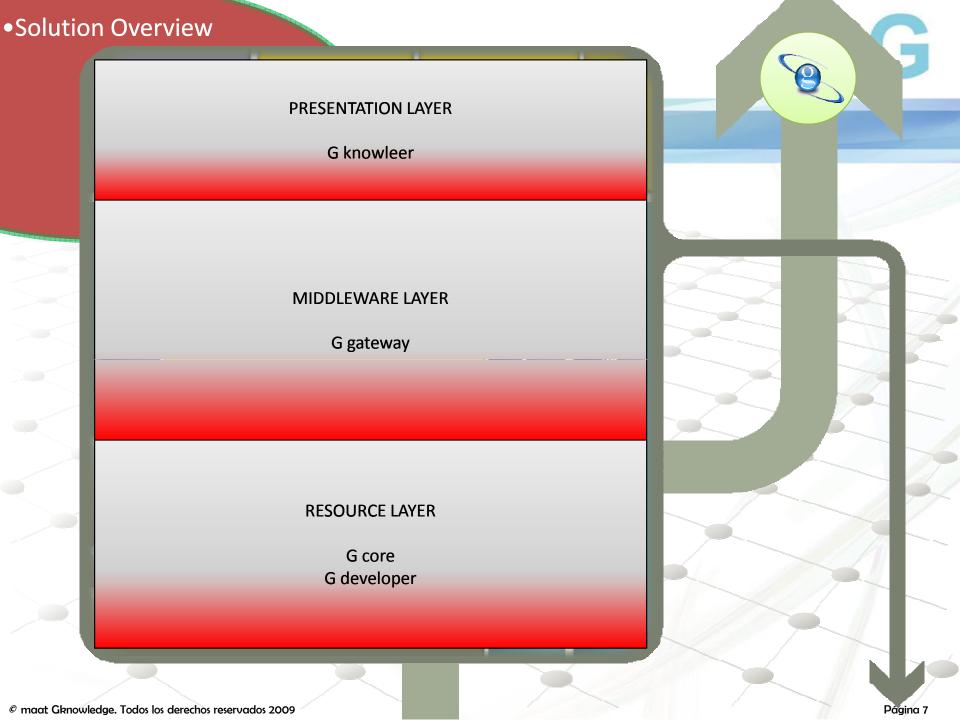


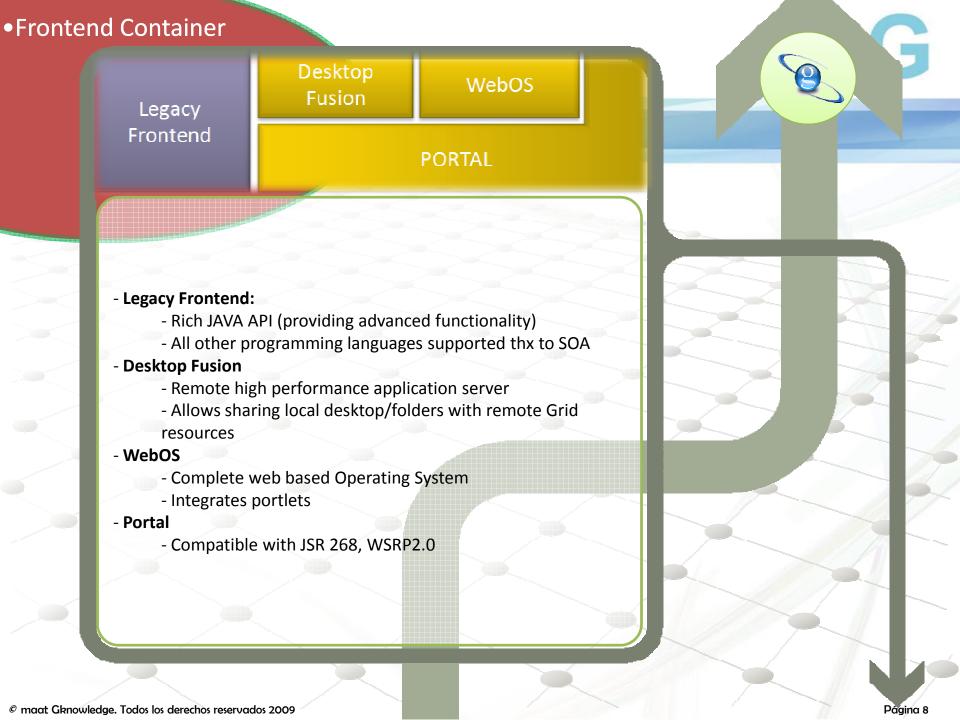


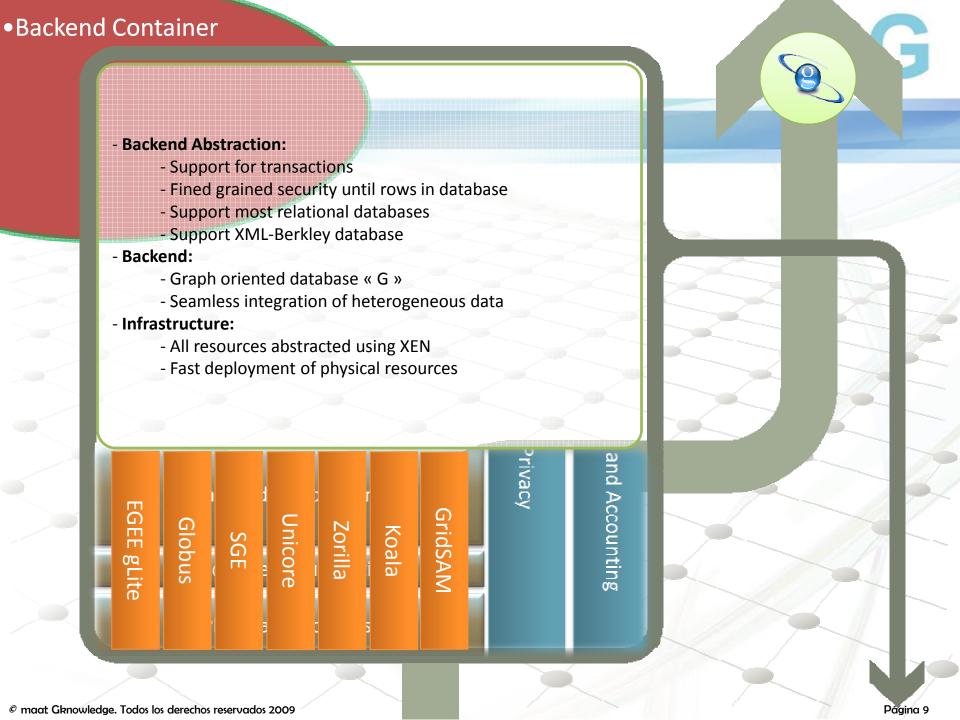


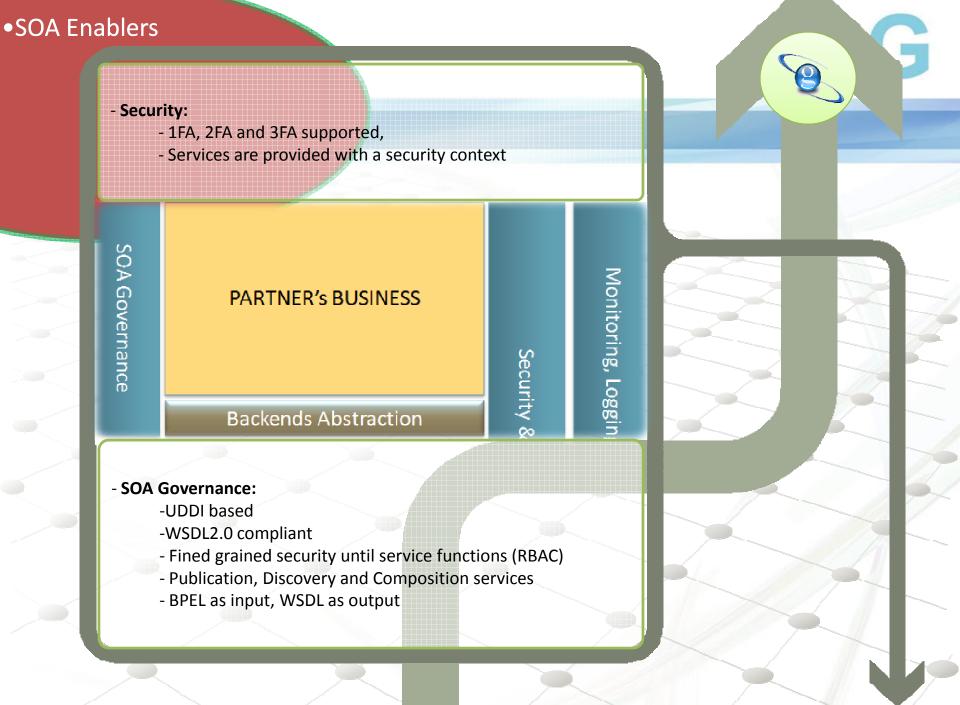
## Infrastructure and Middleware Value Proposal

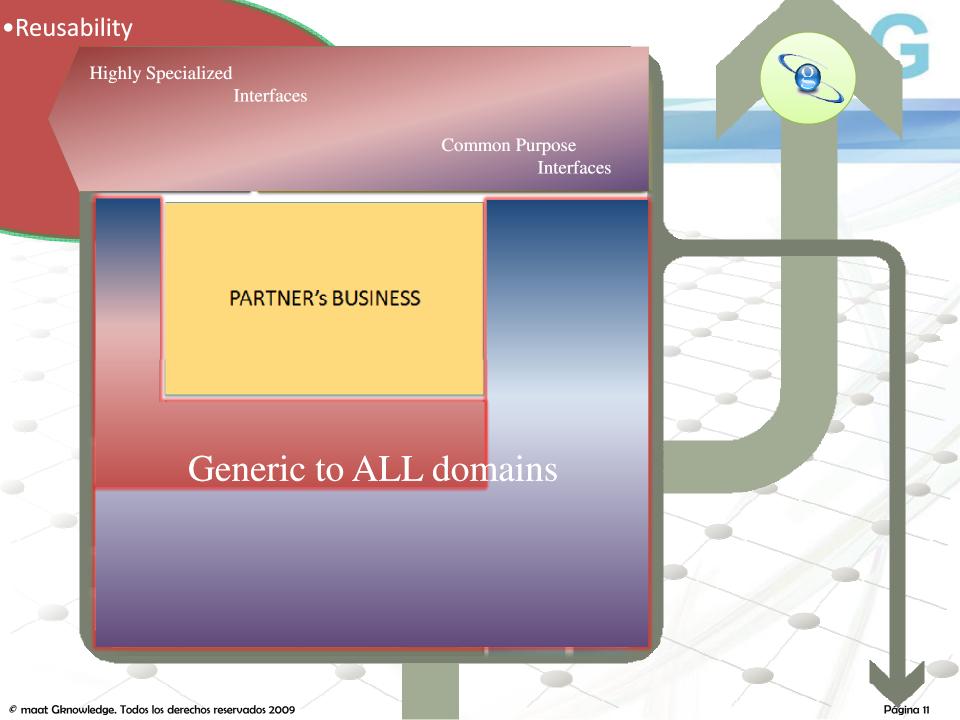














### Health - Case Study

- Second Opinion
- Cancer Screening
- Education and Training
- Reference Database / Repository

- Decision Support
- Disease Modelling
- Knowledge Discovery
- Reference Database of Rare Conditions



Mammogrid+

Mammo Grid+

Health-e-Child

- Imaging Markers Development
- Extension to Other Medical Areas
- Reference Database & Infrastructure



neuGRID

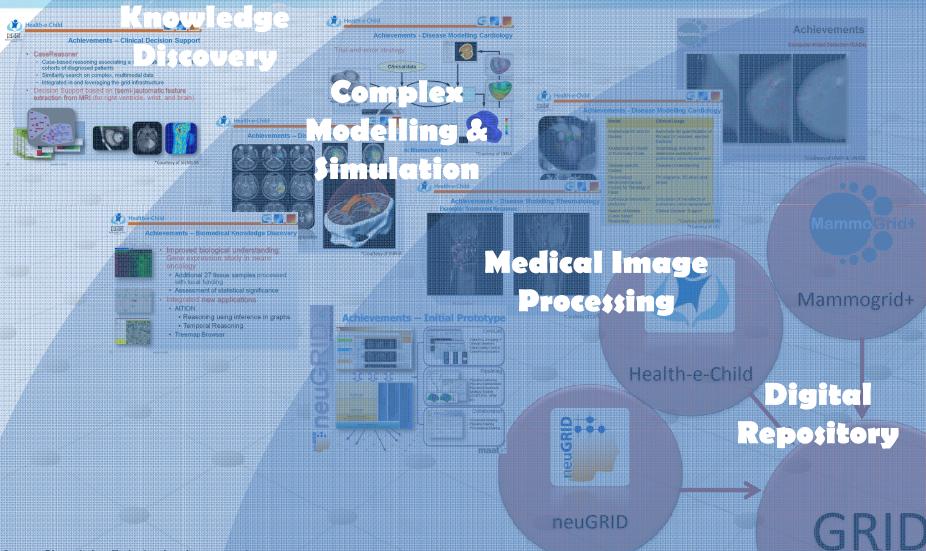
GRID

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## Decision

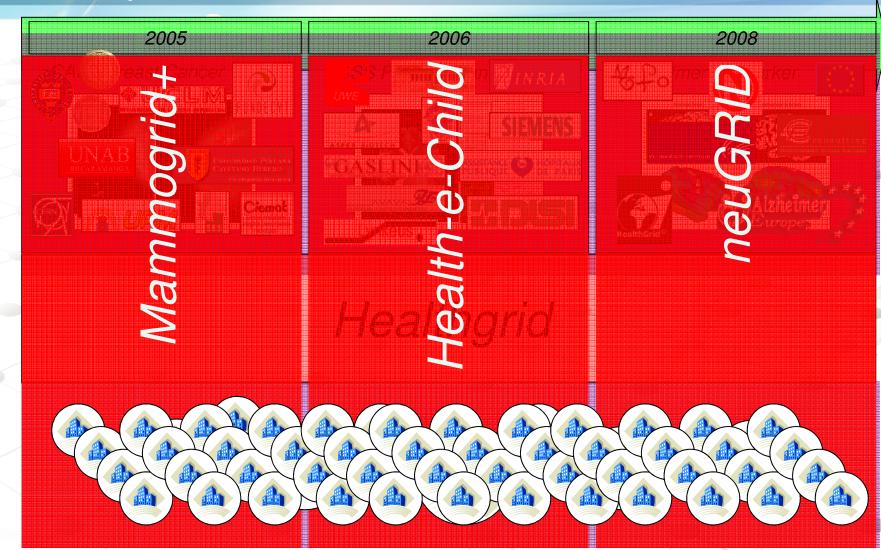
Health - Cassupport &



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## Health - Case Study



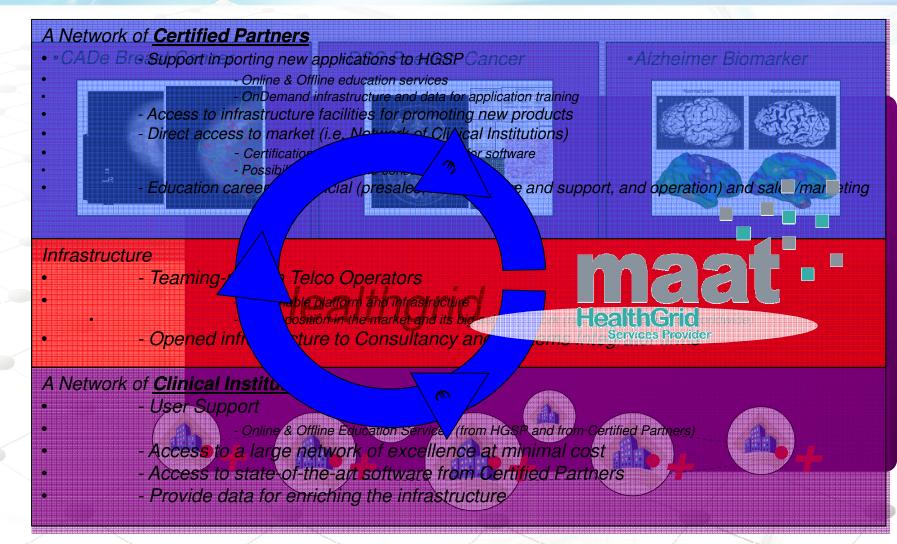




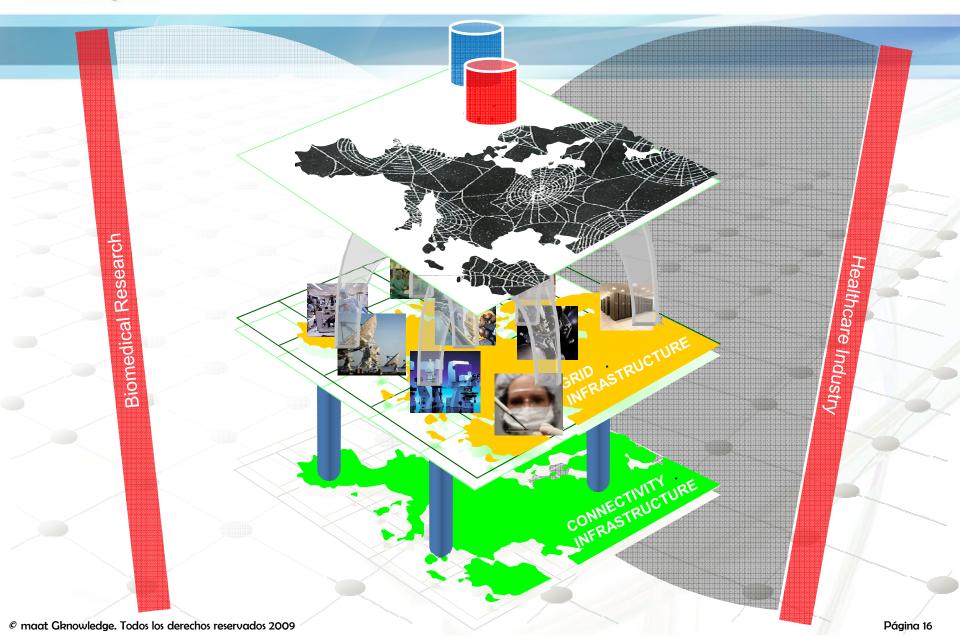




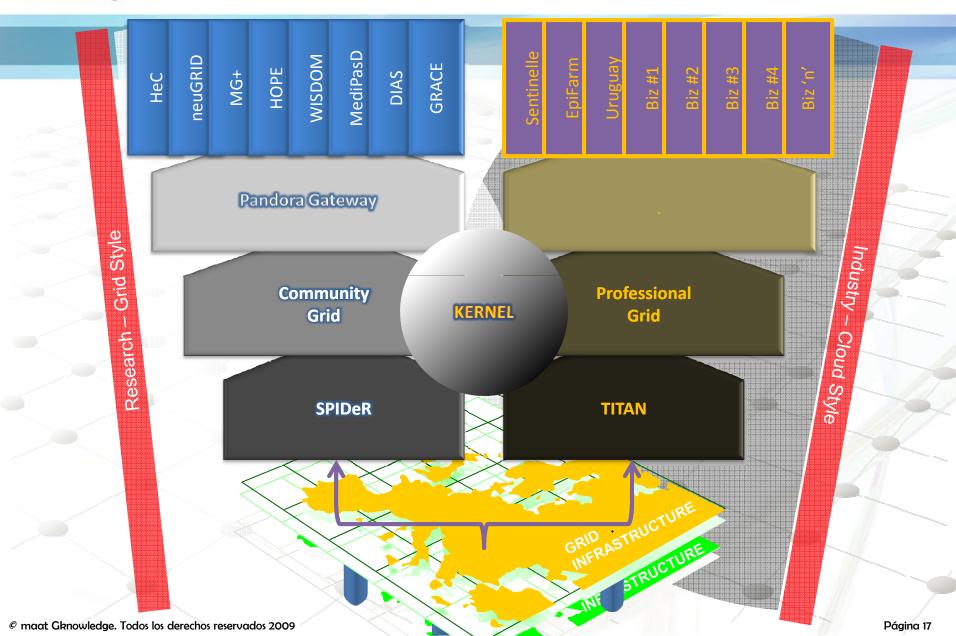
### Health - Case Study



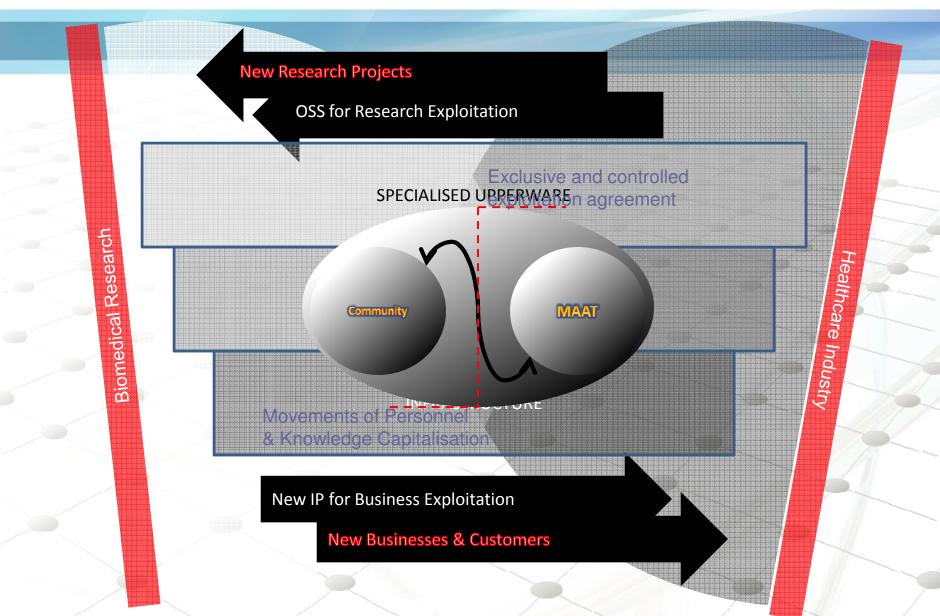




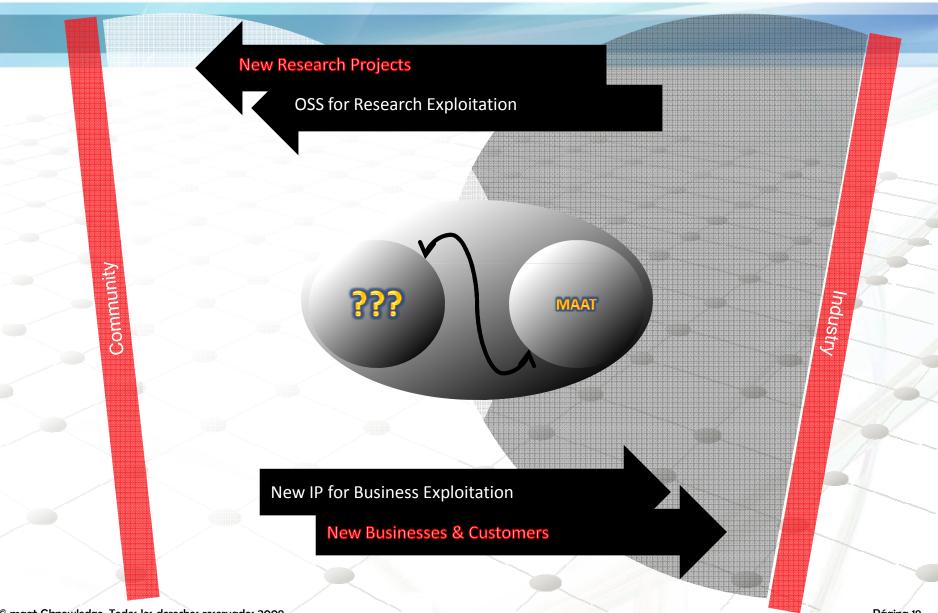












#### maat Gknowledge

Consultoría - Tecnología - Outsourcing - Corporate

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- Francia: +33 450 439 602
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- Argentina: +54 11 4312 9246



# THANK YOU









#### maat Gknowledge - R'n D Collaborations

#### At National Level:

- Universidad Castilla-La Mancha,
- Universidad Jaume I de Castellón.
- Universidad Politécnica de Valencia,
- · CIEMAT,
- CETA-CIEMAT....

#### At International Level:

- CERN (European Organization for Nuclear Research)
- EGEE (Enabling Grids For E Science)
- Universidad de Bucaramanga (Colombia)
- Assistance Hôspitaux Publique de Paris
- European Genetics Foundation
- University College London
- University of the West England
- University of Athens
- Università degli Studi di Genova
- INRIA. The National Institute for Research in Computer Science and Control. France.
- ASPER Biotech
- Fondazione Gerolamo Gaslini
- Istituto Giannina Gaslini
- Ospedale Pediatrico Bambino Gesù





G Market References Overview (1). Banking & Insurance Clients















## G Market References Overview (2). eHealth Clients



















ASSISTANCE PUBLIQUE







HÔPITAUX

**DE PARIS** 

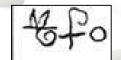














#### Hospitals/Clinical Centers

- Assistance Hôspitaux Publique de Paris, NECKER Enfants Malades, France
- Great Ormond Street Hospital for Sick Children, UK
- Istituto Giannina Gaslini, İtaly
- Ospedale Pediatrico Bambino Gesù, Italy
- VU Medisch Centrum, Holland
- Provincia Lombardo Veneta Ordine Ospedaliero di San Giovanni di Dio Fatebenefratelli. Italv
- Karolinska Institute, Sweden
- Johns Hopkins University Hospital (JHU), USA
- Ospedale Italiano Unberto 1º
- Hospital Italiano de Buenos Aires
- CAAMEPA
- Instituto Nacional de Cirugía Cardiaca de Uruguay

#### Industries

- SIEMENS AG, Germany
- SIEMENS Corporate Research, USA
- Prodema Informatics, Zurich, Switzerland
- CCC Medical Devices

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# G Market References Overview (3). Government Clients (More than 700 City Halls)



MINISTERIO DE INDUSTRIA, TURISMO Y COMERCIO





SECRETARÍA DE ESTADO DE ECONOMÍA
PLANIFICACIÓN Y DESARROLLO
http://www.economía.gob.do



·Asociación de Municipios de México





Castilla-La Mancha





Secretarios, Interventores y Tesoreros de Administración Local



Exemo. Ayuntamiento de Talavera de la Reina



Ayuntamiento de Roa



Ayuntamiento deAlcazar de San Juan



•Ayuntamiento de •Illescas











# G Market References Overview (4). Other Clients









































#### **National Awards**



maat Gknowledge receives the Prize Innovation of the Chamber of Commerce of Toledo, in its edition of 2008 recognizing the profits and evolution of the company.



maat Gknowledge has been awarded with Prize CEOE-CECAM - Confederation of Industralists of Castilla-La Mancha like better regional company of 2008 - corresponding to the province of Toledo, giving itself the award on the part of President Barreda and the President of CEOE-CECAM, Jesus Barcenas the 27 of November in Toledo.



maat Gknowledge has been awarded with the Prize to the Innovating Project by the Network of Spectral Monitoring beginning by the Meeting of Communities of Castilla-La Mancha through Abertis and maat Gknowledge.



maat Gknowledge has been awarded with the Prize to the developing Quality of Software by the School Computer science Engineer officer of Castilla-La Mancha grants the Prize.



#### **International Awards**

## Gartner





maat Gknowledge has been selected by Gartner, world leader in investigation and consulting related to Information Technology, as "Cool Vendor" in the "Platform and Integration Middleware" category.

Project ORUS designed and managed by maat Gknowledge has received the certification of the program of management of the innovation CYTED IBEROEKA to the Innovation, international Cooperation, Transference of knowledge and technology in the financial sector

The Health-e-Child project that is managed by the European partnership in which maat Gknowledge participates actively obtains the prize for best poster and demonstration at the HealthGrid'08 Conference celebrated in Chicago



The prestigious scientific magazine iSGTW, that already published a news article on the development of the European project Health-e-Child, again makes reference to the same in its publication of May of 2008.



Premio a la mejor demo del EGEE User Forum (Enabling Grids for E-SciencE), Ginebra :El EGEE User Forum, celebrado durante febrero de 2008, ha seleccionado como mejor demostración, la desarrollada por maat Gknowledge titulada "The Health-e-Child Gateway and Case Reasoner, a Concrete Implementation and Use-case of a gLite-based Healthgrid for European Paediatrics"



maat Gknowledge has also been presented with the Gold Medal at the International Exhibition of Inventions, celebrated April 18 through 22 in 2007. This prize came as recognition of the HealthGrid Platform developed by the technology company and supposes an important step forward in the European medical/health sector.



Health-e-Child



The Health-e-Child Platform is placed between five better technologies GRID. 2007: The international committee of evaluation of the EGEE07 it described to the Health-e-Child project, in which maat Gknowledge is the unique participant Spanish company, like one as the best ones enters the fifty presented/displayed this Conference that took place in Budapest in October of 2007.



The European Commission, in celebrated ICT 2008 in Lyons, has granted the prize to the European project Health-e-Child in which maat G participates like unique Spanish company in which it is the project on investigation in Technologies of the Information and the most important Communication of Europe in this sector of and-Health.