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BRASIL-FRANÇA
FORUM D'AFFAIRES FRANCE-BRÉSIL



**Innovation with High Performance
Computing**

Felipe Velloso

Company Profile & History

€9.05bn

Receita de 2014



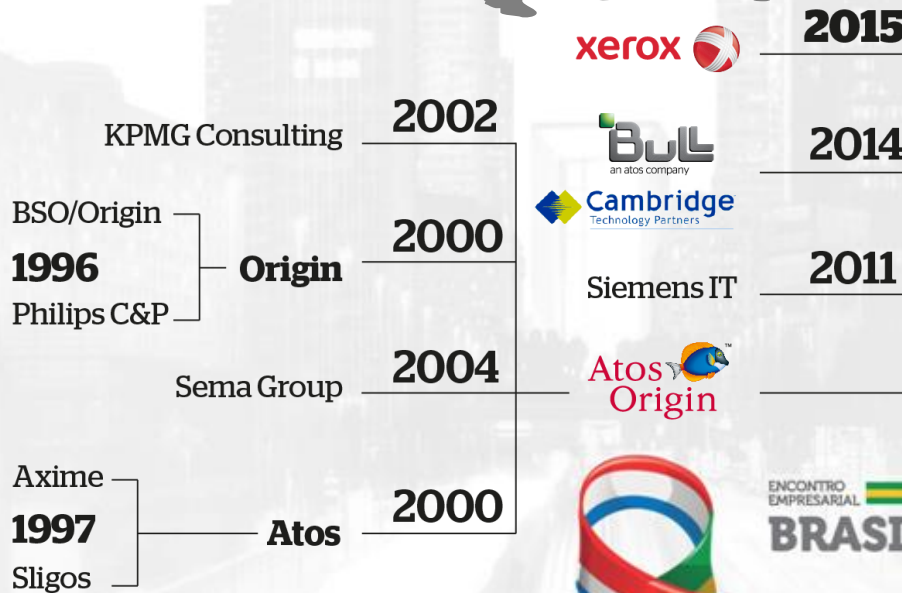
86,000

Colaboradores



66

Países



Atos

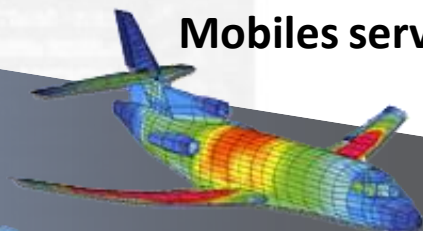


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Mastering the Digital Transformation

From infrastructures to business applications: design, build and operate powerful and trusted solutions



Cyberdefense

e-Government

e-Banking

Mobiles services

Smart Grid

Smart transportation

Computer maker

Integrator / Outsourcer

Service provider

Solution provider

Security provider and operator



#4 in Europe

Manage explosion in processing needs
INNOVATE



#1 in Europe

Support shift towards Cloud
OPTIMIZE

Key player worldwide

Drive digital transformation
INTEGRATE

ANSSI Agence nationale de la sécurité des systèmes d'information

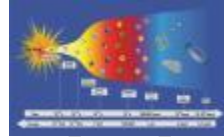
#1 in Europe

Guarantee trust
SECURE



High Performance Computer

Fundamental Science



Defense – Geospace, Geo-Web



Performance and Competitiveness

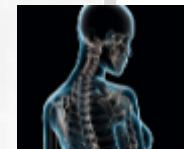


HPC technology

Internet, Multimedia and Virtual

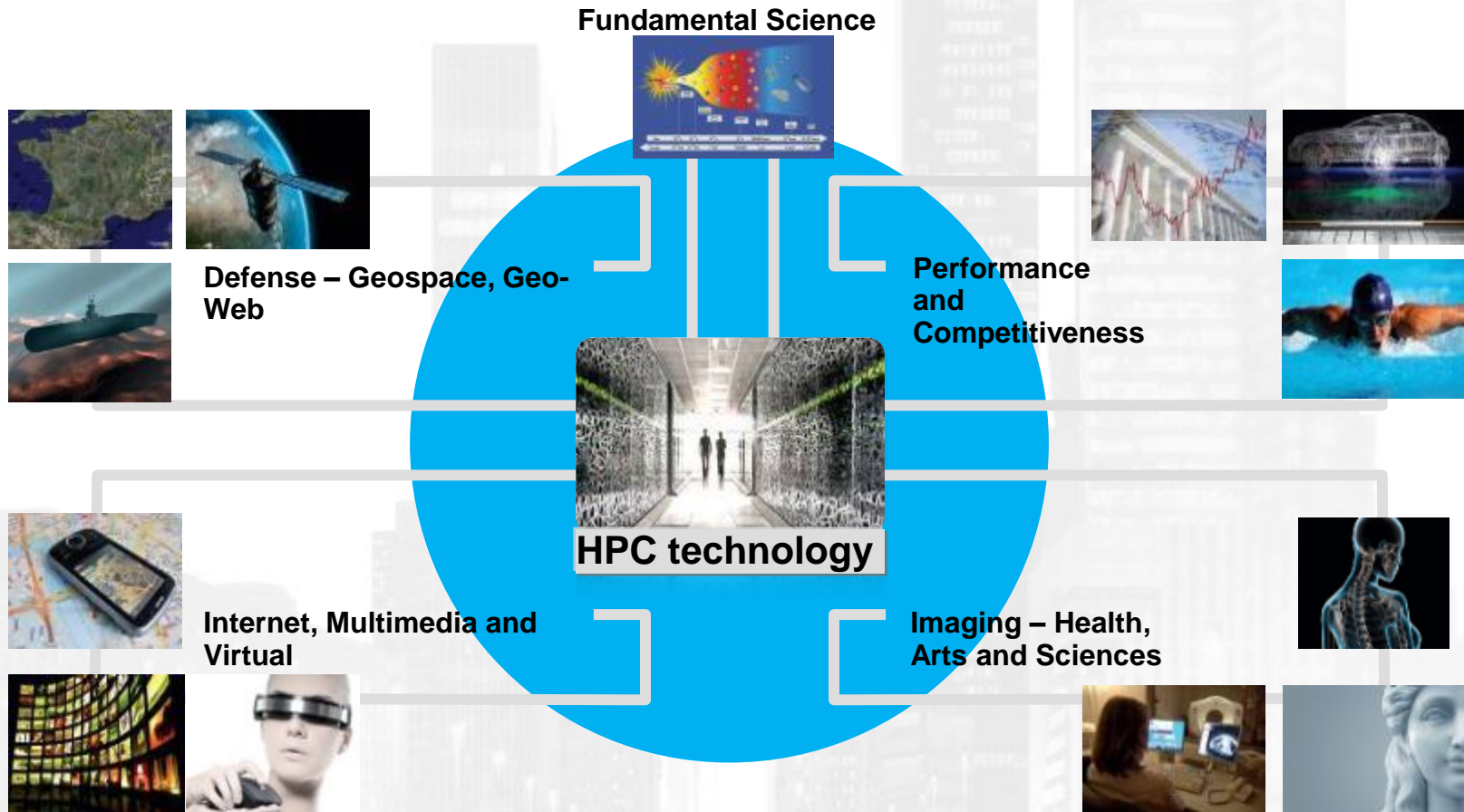


Imaging – Health, Arts and Sciences



Offering the capability to design new products faster, to increase human and environmental knowledge faster and to overcome complex security challenges

HPC Ecosystems & Innovation



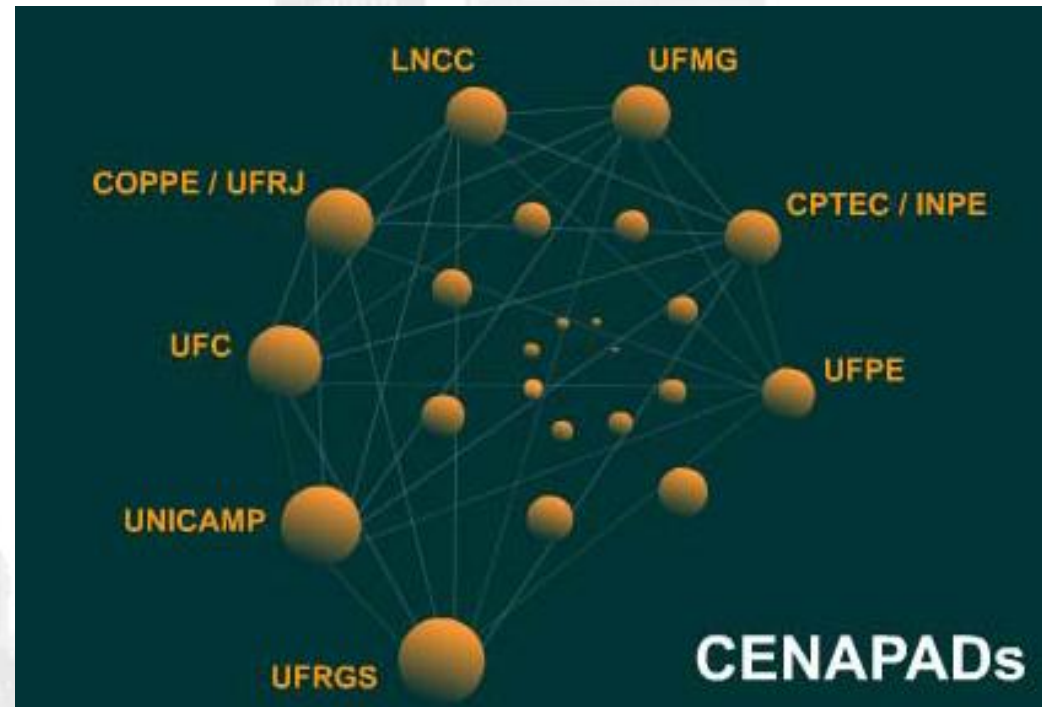
National (Tier0) Supercomputing Centers

Brazilian Petaflop Project

Implement a supercomputer infrastructure and ecosystem in Brazil under France-Brazil cooperation project (signed on 2009)



- French supporting organisations :
CEA, GENCI, INRIA, SISTEM@TIC, TER@TEC
- Multi step Project
- 2015 Goals:
 - Install a Petaflop System at LNCC, SINAPAD main center
 - Implementation of R&D Center in Petropolis in partnership with LNCC
 - Implementation of HPC Application Center (CEPP)



Factory Acceptance – April 2015



Departure from Factory – June 2015

Atos Angers HEBDO 2015 semaine 21

LA GRANDE TRAVERSÉE

Le mobull abritant le supercalculateur Santos Dumont (Félix) est parti jeudi 28 mai pour un long périple.

Pour minimiser les risques liés au transport, les lames et les disques voyagent séparément : 28 palettes sont acheminées dans un conteneur d'accompagnement. Le mobull, quant à lui, a été désolidarisé en 2 conteneurs d'armoires et 1 corridor ; si bien que le convoi est finalement composé de 4 camions.

Première escale : le port d'Anvers où les conteneurs seront chargés dans la cale d'un cargo à destination de Rio. Le supercalculateur poursuivra son odyssee en camion, pour atteindre le site client à Petrópolis, fin juin-début juillet. L'installation est prévue en semaines 29 et 30.



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INTERNATIONAL

CNI
Confédération Nationale de l'Industrie
des Métiers et de l'Artisanat