



Architect of an Open World™

# Pervasive Extreme Computing

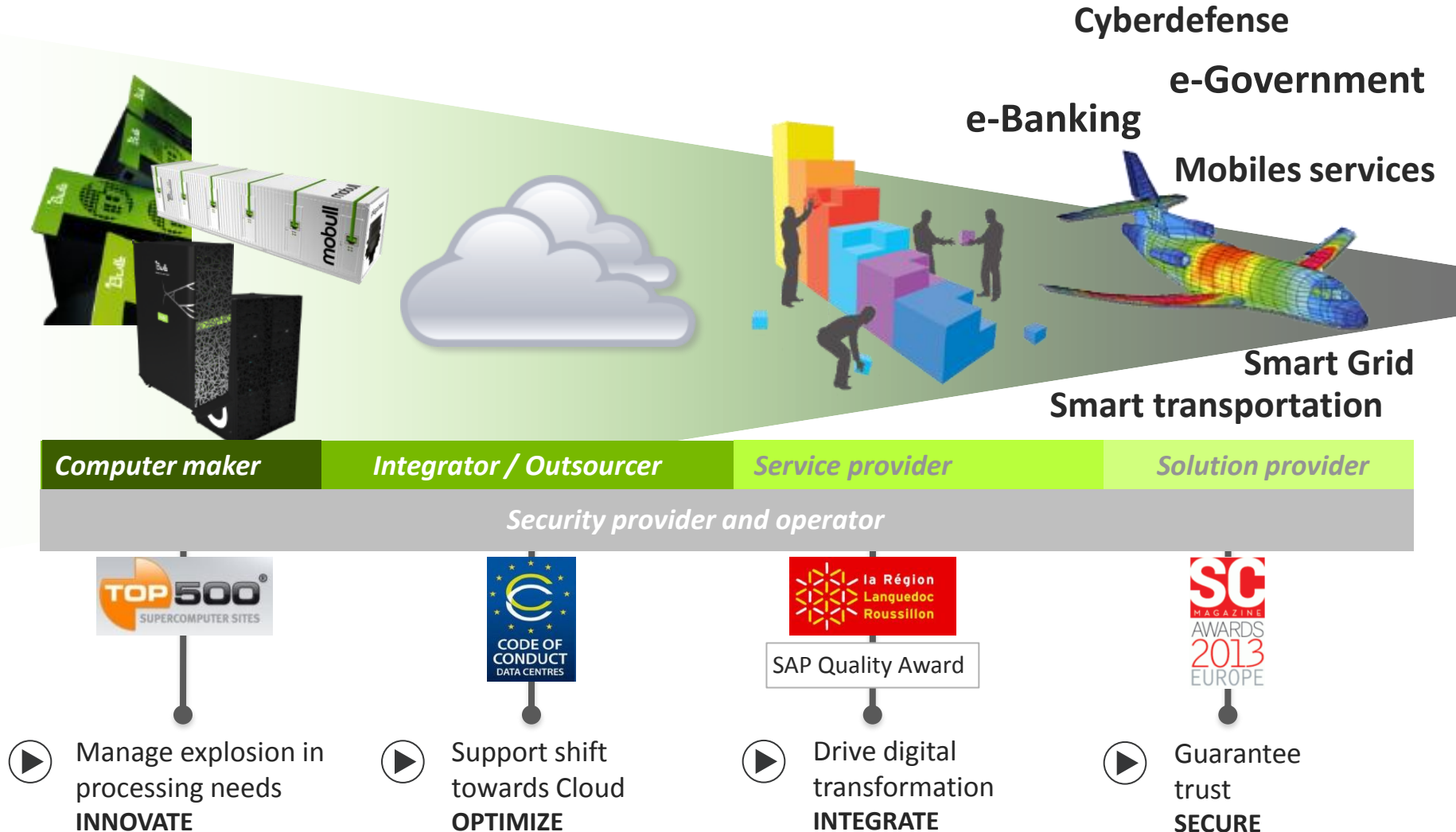
June 2013

Jean-Pierre Panziera

Chief Technology Director, Bull

# Mastering value chain for critical processes

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



# Bull : from Supercomputers to cloud computing

## Expertise & services

- HPC Systems Architecture
- Applications & Performance
- Energy Efficiency
- Data Management
- Cloud HPC

**extreme factory**  
stay lean: compute smart

center for  
excellence in parallel  
programming

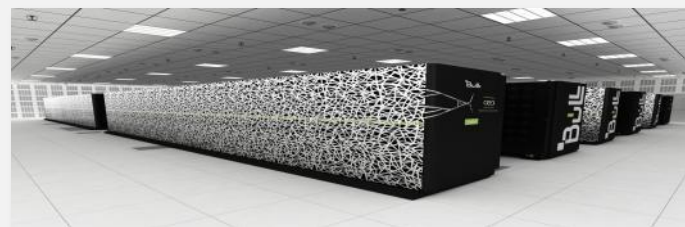
## Software

- Open, scalable, reliable SW
- Development Environment
- Linux, OpenMPI, Lustre, Slurm
- Administration & monitoring

bullx **supercomputer suite**

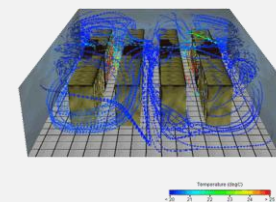
## Servers

- Full range development from ASICs to boards, blades, racks
- Support for accelerators

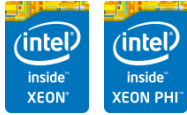


## Infrastructure

- Data Center design
- Mobile Data Center
- Water-Cooling



# Pervasive Extreme Computing



bullx **supercomputer suite**

Production ready supercomputers  
and software



Data Centers for all organizations



Applications optimized  
for hyper-parallel supercomputers

**extreme factory**  
stay lean: compute smart

HPC for every user  
with public/private HPC cloud



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