22nd June 2012, ESO

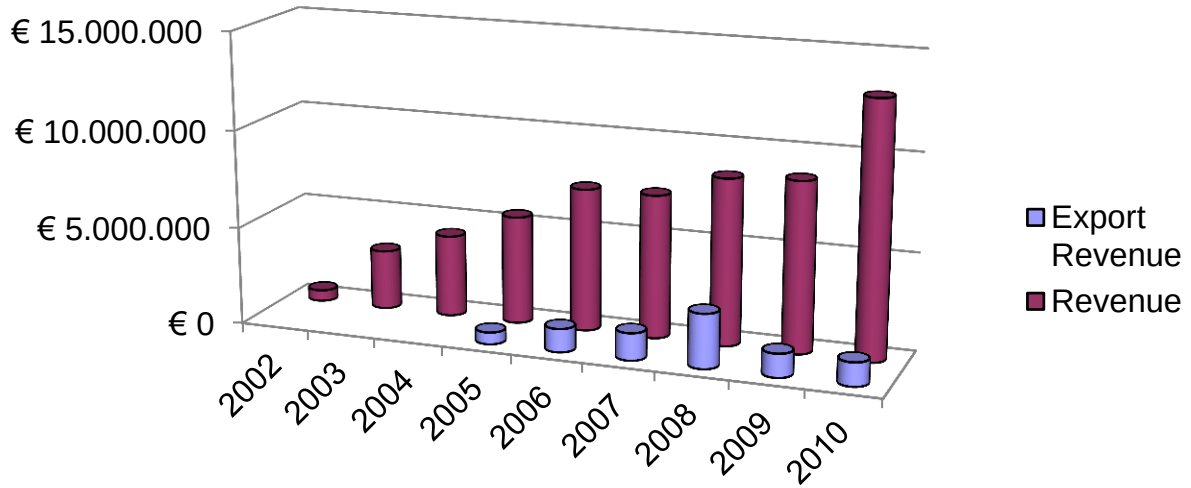
Introduction to E4

Piero Altoè
HPC Sales Manager (EMEA)

E4 Focus on leading-edge, cost-effective *HPC solutions*

E4 Computer Engineering dal 2002

Total 2011 Revenue: 14 million



E4 Products Portfolio

Workstation (deskside, desktop, TESLA)

Server (nodes, blades)

Storage (parallel, distributed file systems)

SAN

Cluster (with GPGPUs, FPGAs)

Interconnect and switch
(GigE, 10GigE, Infiniband, Myrinet)

Scalable, Reliable, Advanced

E4 Services

Assessment of the requirements

Benchmarking

Analysis of Alternatives

TCO, ROI analysis

Installation and start-up

Predictive and on-fault maintenance

Scalable, Reliable, Advanced

E4 stringent quality standards

E4 burn-in room

- **ISO9001** certification (**ISO 14001** expected for 2010)
- Member of **S**tandard **P**erformance **E**valuation **C**orporation
- In-house burn-in test chamber to prevent infant mortality of components
- At least 72h accelerated stress test in a room at 35C
- 24h stress test of each sub-system
- 48h simultaneous test of the system
- OS and Development Tools installation to prevent incompatibilities
- TESLA/CUDA configuration and checking

INTEL SOLUTIONS SUMMIT 2010
2009 XEON® SALES OUT
E4 COMPUTER ENGINEERING

intel
2008
Special Award to
E4 Computer

2007
Special Award to
E4 Computer Engineering
"Number 1 Channel Server in Southern European Union Region"
Steve Dallman
Emanuele Baldi

Special Award to
E4 Computer Engineering
Year 2006 Number 1 of Channel Server Processors Sales in Southern European Union Region
Steve Dallman

AMD
QLOGIC
areca
intel
dotHILL
SilverStorm TECHNOLOGIES
ASUS
PathScale
SUPERMICRO
RITTAL
Lex SYSTEM
APPRO
HPC Cluster Solutions
ANSYS
Western Digital
Myrinet
Raritan
When you're ready to take control
NVIDIA
redhat.
Microsoft
adaptec
aethia
ENGIN SOFT
Seagate
We turn on ideas
panasas
TYAN
ORACLE
DataDirect NETWORKS
Performance. Capacity. Innovation.
CRAY
HITACHI
vmware
Chelsio Communications
Accelerate
DataCore SOFTWARE
BLADE
CITRIX
E4 COMPUTER ENGINEERING

Customer References

NOVARTIS

INFN

INAF

EPFL ÉCOLE POLYTECHNIQUE FÉDÉRALE DE LAUSANNE

ALMA MATER STUDIORUM UNIVERSITÀ DI BOLOGNA

ETH zürich

arpa

MERCK SERONO

CERN

Scuola Internazionale Superiore di Studi Avanzati - ma per seguir virtute e conoscenza -

SCIENTIFIC COMPUTING LABORATORY

ENEA

CASPUR

issia

LIBERA

ASSOCIAZIONI, NOMI E NUMERI

CONTRO LE MAFIE

Thank you

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