

Big Data

Data is the biggest asset of the information age. Use it more effectively as it grows. Go to the Origin of servers.

Origin of the Business World

- Full 64-bit system hardware and software
- 2-64 GB/sec I/O bandwidth
- Up to 88 Fibrechannels at 100 MB/sec each
- 64 MB to 256 GB main memory
- Up to 400 Terabytes online storage
- Supports industry-leading database and storage management solutions



ORIGIN™ SERVER. SOLUTIONS FOR A BIG DATA WORLD.

Data is no longer simply text and numbers. It is exploding, growing more complex as it is collected, correlated, visualized and stored. It is expanding to include multi-dimensional datasets of graphics, audio and video.

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The Origin server from Silicon Graphics is the smartest choice you can make to create a data warehouse that can respond to the requirements of **Big Data** created by the information age. Store up to 256 GB of data in system memory. Avoid bottlenecks with 10 times the I/O bandwidth. Manage exponential growth with unmatched scalability.

Welcome the growth of data. The bigger it is, the stronger you'll be. That is today's Origin of success.

[www.sgi.com
/bigdata](http://www.sgi.com/bigdata)

at the core of your business



SiliconGraphics

Paru le 17 novembre 1997

sgi.

HPC Technology Transformation

“Prepare for the long term shift away from compute-centrism”

IDC
Essential Guidance to HPC Vendors
26 February 2013

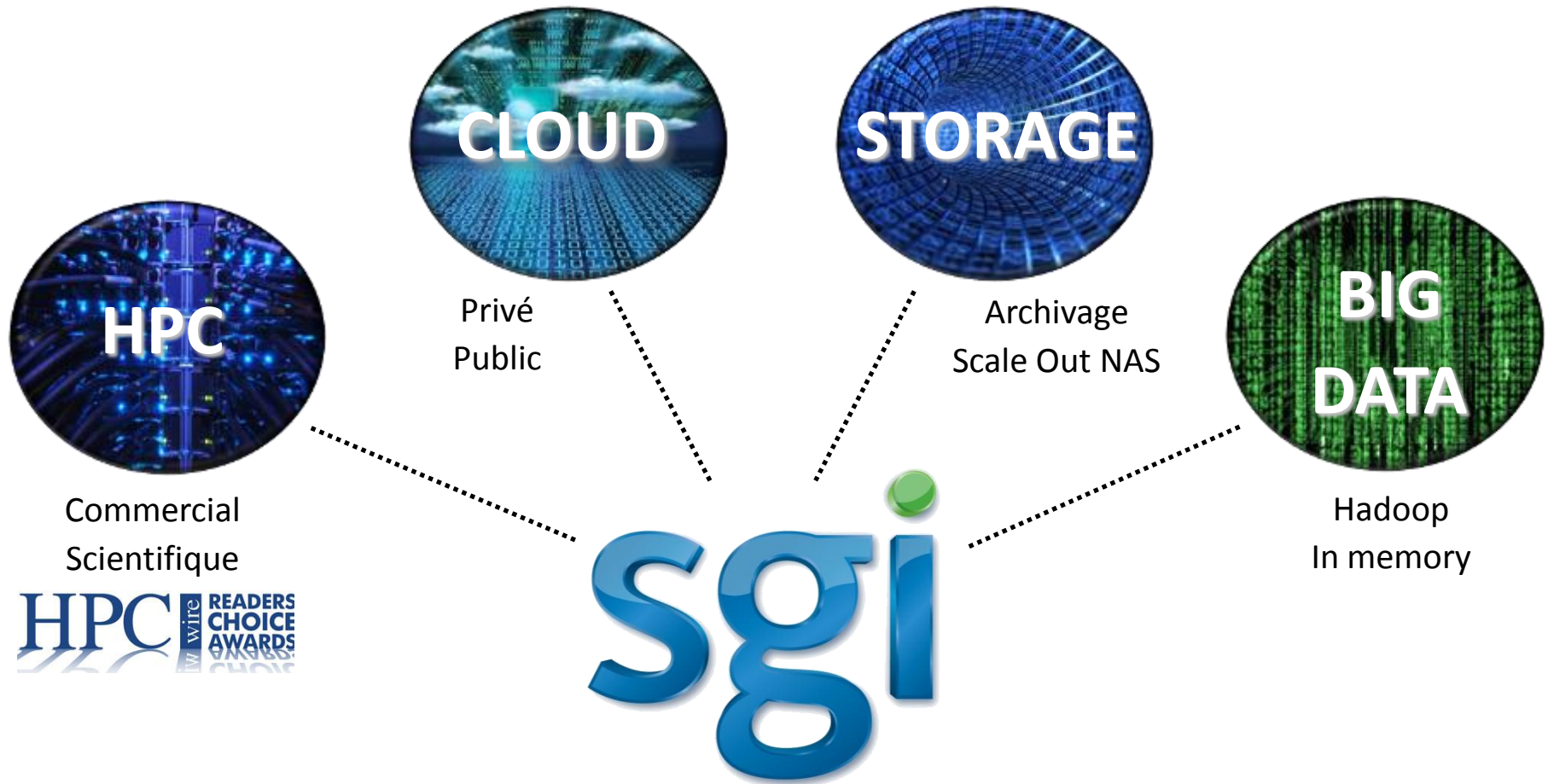
“Big Data trends will lead to the adoption of HPC technologies in more areas”

Intersect360 Research
HPC trends for 2013

The explosion of data generation, the rapid advance of memory technologies and the emergence of data analytics and big data challenges will **drive a whole new class of problems into HPC**

New challenges create new opportunities...
for those that respond with **flexible** solutions

Nos marchés



Produits dédiés aux besoins applicatifs

SGI ICE: 15 PFlops de calcul

• Total	110.408 cœurs
• WPAFB	73.728 cœurs
• NASA Ames	91.136 cœurs
• CINES	23.040 cœurs
• HLRN RRZN + ZIB	20.480 cœurs
• ERDC DSRC	15.360 cœurs
• Univ. Of Tokyo	14.824 cœurs
• New Mexico Computing	14.336 cœurs
• ARL	10.752 cœurs
• Los Alamos Lab.	10.480 cœurs
• LRZ	9.728 cœurs
• Onera	7.872 cœurs
• Calmip-CICT	2.876 cœurs
• Ifremer	2.048 cœurs



SGI UV : 2 Po de mémoire

• Kyoto University	49 TB
• Carnegie Mellon University	32 TB
• The Genome Analysis Centre	20 TB
• State Grid Operation China	17 TB
• Université Pierre et Marie Curie	16 TB
• Poznanski Centrum	16 TB
• Heinrich Heine Universitaet	16 TB
• University Cambridge	16 TB
• Sanofi, CALMIP, CELAR, STBFT,	

