

<http://www.extremefactory.com>

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**What if unlimited innovation
were as simple as this?**



extreme factory
stay lean: compute smart

extreme factory

computer simulation in the age of cloud computing

Ease of use, cost control, immediate access... you decide what's most important to you when it comes to your most innovative projects.

A revolution: **GIVING YOU TOTAL FREEDOM TO INNOVATE**

Not all of us have our own computing resources. And we do not all have the opportunity, either, to respond quickly and easily to our needs for innovation. But whoever we may be – a small or medium enterprise, a research office, a design studio or a major international company – **we all want the ability for unlimited innovation, while still keeping control over our costs.**

With extreme factory, Bull gives you access to all its expertise in Extreme Computing, through a whole new kind of cloud computing services offering. At last, with extreme factory, Bull is making cost-effective computer simulation accessible to everyone.

The only integrated offering where **YOU ONLY PAY FOR WHAT YOU USE**

Bull has joined forces with leading software vendors and drawn on all the Group's extensive experience in Extreme Computing, to create **extreme factory: the only on-line portal where you can access your entire High-Performance Computing environment in one place. Use it to directly manage your projects on line, every step of the way – from data integration to visualizing the final results – using the applications of your choice.** It's not just similar to your working environment, but a perfect replica, accessible via the Internet, totally customizable and providing a single point of entry for all your needs.

So you have total freedom for unlimited innovation... while **still keeping a watchful eye on your budget.**

RESPOND QUICKLY AND EASILY TO YOUR NEEDS FOR INNOVATION

The very best of **TECHNOLOGY**, and real commitment to **SERVICE DELIVERY**

As manufacturer of best-in-class servers, network operator, hosting services provider and IT security specialist, **Bull has mobilized the full breadth of its experience and expertise to design extreme factory.** Developed on an ultra high-performance open system, which is totally hosted and managed by Bull, **extreme factory delivers total compatibility with all standard computing codes, total confidentiality for all your data, and total access to all the available power of the very latest systems and components.**

Based on award-winning bullx supercomputers, **extreme factory** allows you to access as many processing cores as you want. And if you want to go even further, you can even specify the technical environment (resource allocation mode, processor family, job scheduler, type of storage, network technologies, network isolation levels) and the type of service you have access to (IaaS, Infrastructure as a Service or SaaS, Software as a Service).

And finally, the level of support and service on offer ensures that you have optimum access, performance and response times.

A SECURED PORTAL TO ACCESS ALL YOUR HPC APPLICATIONS

A wide SOLUTION PORTFOLIO



CD-adapco's Power-on-Demand redefines the standard for engineering simulation. Everyone can now access STAR-CCM+ by-the-hour, on an unlimited number of cores and uncoupled number of sessions at an attractive rate. Bull **extreme factory** complements this perfectly by providing a dedicated hardware infrastructure that efficiently adapts to user demand.

Jean-Claude Ercolanelli,
VP Product Management, CD-adapco

extreme factory is the perfect answer to the requirements we identified to help us speed up our growth. Our customers can now have immediate access to Bakery technologies in remote mode. Working together, The Bakery and Bull will be able to guarantee the highest levels of performances to the 3D imaging industry, on a pay-per-use basis.

Erwan Maigret,
CEO, The Bakery

ESI Group welcomes the launch of **extreme factory** by our strategic partner Bull. At ESI we provide our customers with remote access to our virtual prototyping solutions. This is why we're playing an active role in implementing this novel distribution model, which addresses evolving market demands. We're convinced by the necessity and benefits of this approach, which provides greater flexibility to our customers.

Vincent Chaillou,
Chief Operating Officer, ESI Group

extreme factory offers immediate access to Scilab, the world-leading open digital processing software, on bullx supercomputers. With no need for significant investment in computing resources, SMEs and design offices now have access to the highest levels of performance for their computer simulations, and can take advantage of both Bull's expertise in Extreme Computing and Scilab Enterprises' support services. This represents a major new offering for computer simulation and design in the world of scientific computing.

Claude Gomez,
Scilab Consortium Director



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Architect of an Open World™