A new approach in urban modeling & simulation from HPC Project and Parallel Geometry

Paris and Vancouver, - July 21, 2008 – Following the announcement of their strategic partnership last April, HPC Project and Parallel Geometry will be presenting this week at the GeoWeb 2008 conference their common vision of next generation computational environment for urban and other complex geospatial modeling.

This presentation will prefigure the roll-out of a common product planned for the fourth quarter of this year. This forthcoming product will take advantage of the unique capabilities of Parallel Geometry technology to enable real-time visualization and interaction with complex models. The product architecture will be based on the high-performance middleware developed by HPC Project for an unprecedented fluid manipulation and fly-through capacity involving large 3D complex scenes.

"Recent discussions with our customers have demonstrated that the market is waiting for a turn-key solution for powering 3D urban modeling and geospatial simulation" said Pierre Fiorini, HPC Project Founder and CEO. *"We will provide with Parallel Geometry the right mix of innovative algorithms and architecture innovation to fulfill this need. This product will fuel a whole new range of applications for large geodata sets and the wonder of it will be the ease of operation for the end-user.*"

According to Jean-François Rotgé, President and CSO of Parallel Geometry, "*For this first product coming out of our strategic partnership with HPC Project, we have decided to focus on the great challenge of eliminating the root cause of bottlenecks that currently limit the performance of GeoWeb 3D applications".*

"Our technology offers the unique opportunity to unify multi-source spatial data (CAD, BIM, GIS…) in a single 3D/3D reference model, and to address at the same time the fundamental issues of multiscale and real-time interaction with complex models. The GeoWeb is an ideal business case to harness this potential. HPC Project, with its new class of computing environment, offers us the right form factor and high performance environment, to fully demonstrate a new generation of 3D visualization and simulation pipelines" added Rotgé.

This breakthrough initiative will result in a new class of geospatial appliance that will support very low cost processing of massive quantities of heterogeneous spatial data, and foster a new wave of 3D geospatial applications for urban planners, civil engineers, scientists, homeland security professionals, emergency responders… *"It represents an exciting opportunity for us and the GeoWeb community*" added Pierre Fiorini.

About HPC-Project

Founded in France in December 2007, HPC-Project is a pioneer in developing tools and strategies for high-performance computing and code optimization. Their goal is to bring supercomputing performance on the engineer desk.

About Parallel Geometry

Parallel Geometry (a.k.a. LLGeometry) is an IP-intensive company specialized in the design of 'co-simulation' systems enabling world class computer simulations and real-time interactions with complex models. The high-powered 'co-simulators' developed by LLGeometry enable the implementation of application-specific algorithms to accelerate science and engineering applications, optimizing and accelerating the processing of information and calculations associated with geometry, physics and graphics. Its principal offices are located in Montreal, Canada and in Vermont - New England, USA.

About GeoWeb 2008

The term "GeoWeb" or Geospatial Web refers to the ability to locally/globally integrate and share geospatial information via the Internet. The GeoWeb 2008 conference reflects the breadth, evolution and growing maturity of the GeoWeb and is one of the only conferences focusing exclusively on the convergence of GIS and the Internet. The annual conference will take place in Vancouver, Canada from July 21-25th, 2008 at the Morris J. Wosk Centre for Dialogue. The GeoWeb 2008 conference welcomes both public and private organizations to meet, discuss and learn about today's most innovative geospatial technologies.

www.hpc-project.com

www.llgeometry.com

www.geowebconference.org