



## Cenaero has acquired a supercomputer of about 3300 cores supplying a computing power of close to 40 TFLOPS

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Cenaero recently awarded a public supply contract to ServiWare, a Bull Group company, for the installation of a supercomputer of about 3300 cores supplying a computing power of close to 40 TFLOPS.

A specialist in modelling methodologies and software for complex industrial problems in various areas of applied mechanics, Cenaero previously had a 17 Tflops HPC infrastructure. With rapidly increasing computing needs, the company required a new platform, a supercomputer that would be independent from existing systems and installed in a mobile data centre.



The offer proposed by ServiWare is based on Bull hardware with their bullx B500 line equipped with Intel Xeon processors. The compute nodes of the supercomputer will be interconnected with a large bandwidth low latency InfiniBand QDR system.

The solution will also include a high performance storage infrastructure based on LSI hardware and the IBM GPFS parallel file system for a capacity of about 120 TB.

Finally, this supercomputer will be delivered, in the course of this summer, in a mobile data centre based on the Mobull solution developed by Bull, namely a 14 meter-long container able to host eventually 15 IT racks for an available electrical power of 480 kW.



This project is part of the "SINUS" project portfolio managed by Cenaero supported by the European Regional Development Fund (ERDF) and Wallonia.