

## Press release

### EUMETSAT chooses The Server Labs to assess running its MTG programme in the Cloud

The Server Labs has been tasked to perform a feasibility study to analyse the possibility to drive EUMETSAT's MTG (Meteosat Third Generation) programme using cutting-edge computing solutions and services such as cloud, grid and supercomputing.

**25<sup>th</sup> January, 2011:** The Server Labs (TSL) is undertaking an in-depth market study to assess the overall feasibility and technical and financial suitability of using cloud, grid, supercomputing or other type of computing services and solutions for EUMETSAT's MTG (METEOSAT Third Generation) programme. Throughout the project The Server Labs will identify the best solution(s) for long-term reduction of costs.

The European Organisation for the Exploitation of Meteorological Satellites (EUMETSAT) supplies the National Meteorological Services with weather and climate-related satellite data, images and products – 24 hours a day, 365 days a year. EUMETSAT's METEOSAT Second Generation system (MSG) has already become the primary European source of geostationary observations over Europe and Africa and is key to the Global Observing System (GOS) of the World Meteorological Organisation (WMO). EUMETSAT is now starting the development of its METEOSAT Third Generation system (MTG) with the aim to enhance MSG's existing features with respect to nowcasting, global and regional numerical weather prediction, climate and atmospheric chemistry monitoring.

MTG's planned near real-time data processing function will require an unprecedented level of computing power. The on-demand re-processing of batch data pushes compute requirements to a speed up to 30 times faster than real time with much higher data volumes than seen in the current systems, making the construction of a dedicated in-house data centre cost prohibitive. Hence a possible move of MTG's data processing to the Cloud looks very attractive.

The outcome of the project will help shape the design of the MTG supporting ground segment architectures.

"We envisage that the ideal solution might be found in a "hybrid cloud" strategy that optimizes deployment efficiencies for the re-processing" comments Paul Parsons, CTO of The Server Labs. "Our aim is to identify the best solutions - technically sound and able to provide EUMETSAT with tangible benefits including a substantial long-term reduction of costs."

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#### Notes to the editors:

##### **The Server Labs**

The Server Labs (TSL) is a specialist IT Consultancy and Development Company and a leading authority in Cloud Computing services. Founded in 2004, The Server Labs focuses on the design and implementation of IT architectures and advanced software engineering projects, working with



the IT architects

the most advanced solutions and technologies and offering its clients cost-effective, scalable and high performance solutions.

TSL's customer groups are predominantly large and medium-sized corporations, which share a growing need for cost effective and scalable IT solutions. TSL has offices in Spain, Germany and the UK. Most recently TSL started partnering with Amazon and RightScale to facilitate the adoption of Cloud Computing in Europe.

More information about The Server Labs is available on [www.theserverlabs.com](http://www.theserverlabs.com)

For more information, related images or videos please contact us.

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