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Press Release

RSC gets the highest Elite status in the Intel® Solutions for Lustre Reseller Program

Moscow, January 23rd, 2017 — RSC Group, the leading developer and system integrator of innovative solutions for high-performance computing (HPC) and data centers in Russia and CIS, was granted the highest Elite status in the Intel® Solutions for Lustre Reseller Program confirming the highest level of knowledge and practical experience of partner's employees needed to promote, deploy and support Intel® Lustre Solutions (Intel® Enterprise Edition for Lustre software, Intel® Foundation Edition for Lustre software, Intel® Cloud Edition for Lustre software) for end customer's scalable

Intel® Solutions for Lustre* Reseller - Elite



* Other names and brands may be claimed as the property of others

high-performance storage systems with parallel access based on Lustre – distributed cluster file system. Only 9 Intel's partners in Europe currently have this status.

Lustre-based storage systems are currently used in over 73% supercomputers in Top100 of the most powerful supercomputing systems in the world. Lustre supports management of up to 512 petabyte (PB) storage and file size up to 32 PB. Such systems can be accessed through high-speed interconnects based on Intel® Omni-Path Architecture (OPA), InfiniBand and Ethernet technologies. Maximum throughput may exceed 2 terabytes per second (Tbps). For more details on Intel® Lustre Solutions visit <http://www.intel.com/content/www/us/en/lustre/intel-solutions-for-lustre-software.html>.

Projects completed by RSC specialists with Lustre-based storage systems include supercomputers for the St. Petersburg Polytechnic University named after Peter the Great (SPbPU), South Ural State University (SUSU) and Moscow Institute of Physics and Technology (MIPT). For example, "Polytechnic" data center in SPbPU includes a parallel data storage system based on Lustre distributed file system that can store up to 1 PB of data and a 0.5 PB block-based storage for cloud environments. Both storage systems use server technologies based on Intel products.

Back in 2016 Intel also awarded RSC elite status of HPC Data Center Specialist confirming the highest competence of the partner in the field of development and end

customer deployment of HPC solutions based on Intel server products, including Intel® Xeon Phi™ 7200 and Intel® Xeon® E5-2600 processor families, Intel® Server Boards, Intel® SSD drives and Intel® Omni-Path high-speed interconnect.

Russian customers use solutions based on RSC Tornado and RSC PetaStream ultra high dense, energy-efficient and liquid cooled HPC architectures in production environments since 2009 and 2013 accordingly. These solutions are installed and actively used for modeling and calculation of a broad range of scientific, research and industrial workloads by the St. Petersburg Polytechnic University named after Peter the Great, Joint Supercomputer Center of the Russian Academy of Sciences (JSCC RAS), South Ural State University, Moscow Institute of Physics and Technology, Russian Weather Forecast Agency (Roshydromet) and other customers from different industries.

About RSC Group

RSC Group is the leading developer and system integrator of new generation solutions for high-performance computing (HPC) and data centers in Russia and CIS based on Intel architectures, innovative liquid cooling technologies and a number of its own know-hows. RSC has the potential to create the most energy efficient solutions with record-breaking power usage effectiveness (PUE), the highest computing density in the industry with standard x86-based processors, to use fully "green" design, provide the highest solution reliability, noise-free operation of computing modules, 100% compatibility and guaranteed scalability with unmatched low cost of ownership and low power consumption. RSC specialists also have the experience of developing and implementing an integrated software stack of solutions to improve work efficiency and application of supercomputer systems from system software to vertically oriented platforms based on cloud computing technologies.

RSC participates in Intel® Technology Provider Program at is the Platinum level, Intel® Fabric Builders Program, has Intel® Solutions for Lustre* Reseller Elite and Intel® HPC Data Center Specialist statuses. Performance and scalability of solutions based on RSC PetaStream™ and RSC Tornado architectures are Intel® Cluster Ready certified. For more information see our website www.rscgroup.ru.

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