

Press Release

ParTec Cluster Competence Center announces ParaStationV5

Munich, Germany Nov. 07 – Right on time for the opening of the next International Conference for High Performance Computing (Reno/USA Nov. 10-17, 2007), ParTec Cluster Competence Center GmbH (www.par-tec.com) is proud to announce the Version 5 of ParaStation.

ParaStationV5 is a cluster operating and management software which offers a complete software stack to operate a high productivity cluster system. This is the first cluster software which is Intel Cluster Ready certified. **ParaStationV5** has the highest integrated "feature-density" among all other cluster software products. This new release addresses customers who want to get clusters easy managed by a single point of administration.

Most important features in a nutshell are:

- MPI-2 support
- cross-MPI support (for other MPI implementations)
- enhanced process control features
- Quadrics QsTenG, QsNetII support
- optimized Ethernet protocol for very low latency and high bandwidth
- supports all common interconnects
{Myrinet(GM), Infiniband(VAPI), 10G(DAPL), 1G(TCP,p4sock), QsNet(ELAN)}
- is supported on source code level
- parallel debugger support

"With the new release of **ParaStationV5** ParTec offers the latest technology of cluster operating and management features as a complete entity, including MPI-2 and comprehensive monitoring. The simple approach of running a cluster with a collection of open source tools and specific software from different vendors is no longer well suited in the upcoming world of productive Peta-flop clusters.", said Dieter Schuett, sales manager, ParTec.

On top of the **ParaStationV5** software stack, ParTec provides consultancy and support offerings ranging from pre-sales consulting up to system setup and maintenance. This may include installation, configuration and tuning of an entire Linux software stack including numerous open source and commercial products for various parallel computing environments.

Hugo Falter, COO of ParTec, stated: "I am very happy to offer with **ParaStationV5** a world class cluster communication and management system with leading performance, process management and administration features in the market."

With **ParaStationV5** the customers will get most out of their computing environment with the highest level of cluster performance, scalability and stability. Please register for a free download for a trial period at www.par-tec.com.

About ParTec

ParTec Cluster Competence Center GmbH, located in Munich / Germany, offers the operating and management system **ParaStationV5**, a proprietary developed software that creates a parallel environment for Linux clusters in a reliable, stable and highly efficient way.

ParaStationV5 includes state-of-the-art software tools for managing and monitoring cluster environments for a large number of nodes. Our approach ensures rapid deployment cycles and seamless interoperability of software components. ParTec provides vendor-independent



consultancy for a sophisticated choice of products and support for professional operation of Linux compute clusters.

ParTec´s experts have many years of experience in the development of Linux based cluster software to enable "High Productivity Cluster and Grid Computing".

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