Convey Teams with CLC bio to Provide Exceptional Genomics Analysis for Germany's Helmholtz Centre for Infection Research

Aarhus, Denmark and Richardson Texas—April 19, 2012—Convey Computer and CLC bio announced today the integration of CLC bio's enterprise genomics analysis platform with Convey's leading edge, hybrid-core servers. Recently deployed at the Helmholtz Centre for Infection Research (HZI), Braunschweig, Germany, the new Convey-CLC bio solution substantially accelerates and extends HZI's ability to manage and analyze next generation sequencing (NGS) data.

The integration of Convey's compute architecture with CLC Genomics Server and CLC Genomics Workbench provides distinct advantages to genomics researchers. "The combination of CLC bio and Convey gives our researchers easy-to-use access to the performance they need to handle our large sequencing projects," said Dr. Robert Geffers, head of the HZI's Genome Analytics group (GMAK), "The integrated solution is powerful and provides an excellent user experience—making our researchers much more productive."

"We have a number of sequencing projects running in parallel and need to process the data very quickly, but our space for computers is limited. Convey solves both problems by providing high performance, compact size, and easy integration with blades we already have," said Dr. Geffers, "Also, many of our analysis pipelines previously required using a command line and scripts that can be difficult for researchers and clinicians to work with. The CLC bio user interface eliminates these obstacles, putting an expansive suite of tools in the researchers' hands. "

HZI is one of 18 Helmholtz Association Centres pursuing a wide range of science disciplines. The GMAK in its function as core facility—an expanding provider of next generation sequencing services—works with both internal and external partners. Its diverse activities include profiling genomic, epigenomic, and transcriptomic changes in pathogens and host cells.

"Convey's architecture considerably increases the analysis capacity for research centers for cancer and infectious diseases, as well as other areas like agricultural research. All of these areas need extremely high throughput genome analytics, to deal with the vast volume of sequencing data being generated," said Dr. Jannick Bendtsen, Director of Consulting Solutions at CLC bio. "It has been very positive working with Convey, integrating their expertise in high performance computing with our algorithm proficiency to meet the needs of our mutual customers."

"Convey is pleased to partner with CLC bio to advance modern genomics and deliver complete solutions for customers like the Helmholtz Centre for Infection Research," noted Dr. George Vacek, Director of Convey Computer's Life Sciences business unit. "CLC bio's comprehensive suite of easy-to-use algorithms and workflows brings powerful analysis to the fingertips of not only bioinformaticians, but also biologists and clinicians."

Convey's hybrid-core architecture pairs classic Intel® processors with a coprocessor comprised of FPGAs. Particular algorithms—DNA sequence assembly, for example—are optimized and translated into code that's loadable onto the FPGAs at runtime, greatly accelerating performance-critical applications.

About the Helmholtz Centre for Infection Research
HZI (www.helmholtz-hzi.de) is the largest scientific organization in Germany whose non-university research institution employs more than 700 scientists who study infection biology. One of 18 Helmholtz Association Centres, HZI pursues a wide variety of projects studying the mechanisms involved in infectious diseases and defenses against them.

About CLC bio
CLC bio is the world's leading bioinformatics solution provider and the only company to provide both desktop and server software seamlessly integrated, user-friendly, and optimized for best performance.
http://www.clcbio.com/about

About Convey Computer Corporation
Based in Richardson, Texas, Convey Computer breaks power, performance and programmability barriers with the world's first hybrid-core computer—a system that marries the low cost and simple programming model of a commodity system with the performance of a customized hardware architecture. Using the Convey hybrid-core systems, customers worldwide in industries such as life sciences,

research, big data, and the government/military are enjoying increased application performance and lower costs of ownership.
www.conveycomputer.com

Contact Convey Computer Corp
Bob Masson, Director of Marketing
Phone: +1 (303) 651 9699
E-mail: bmasson@conveycomputer.com.

Contact CLC bio
Lasse Görlitz, Director of Communications
Phone: +1 (617) 765 0687
E-mail: lgoerlitz@clcbio.com