

DRC Computer Demonstrates Ultra High Performance Graph Networking System with Xilinx at SC15

Santa Clara CA, 9th November 2015 – DRC Computer Corporation (DRC), the innovative accelerated solutions and algorithms company, will be demonstrating an implementation of the Dijkstra and Betweenness Centrality algorithms to show its leading edge graph networking system in the Xilinx booth #381 at SC15 in Austin November 16th through 19th.

“Rapidly identifying relationships between people, events, locations and objects is an increasingly important big data analytics application in many organizations both commercial and government. DRC has developed an advanced graph networking system which, using complex analytics, discovers relationships between entities orders of magnitude faster than can be achieved with conventional computer architectures,” said Roy Graham, DRC Chief Operating Officer.

For SC15, DRC has developed a graph networking system and demonstration running on an IBM POWER8 server leveraging the Xilinx Virtex® UltraScale™ VU190 FPGA for High-Performance Computing applications. This powerful combination of computing power has resulted in a system capable of scaling to millions of nodes and edges, and identifying key relationships in seconds. With the huge acceleration achieved compared to conventional systems, substantial savings in server real estate and infrastructure are realized as well as reduced energy usage due to the FPGA accelerator.

“The DRC technology demonstrates how Xilinx FPGAs can be used for realtime applications to achieve performance results unattainable with other processing technologies,” said Arun Iyengar, Vice President, A&D, ISM and TME Markets at Xilinx. “DRC and Xilinx are making great strides in meeting the demanding requirements of government high performance computing applications.”

About DRC Computer Corporation

DRC Computer Corporation is the innovative accelerated solutions and algorithms company. DRC’s Accelium™ processors programmed with streaming analytics deliver ultra-high performance with very low energy usage and minimal space requirements, producing actionable intelligence much faster

and at significantly lower cost than traditional computer technologies. DRC has delivered solutions in biometrics, genomics, DNA forensics, encryption, predictive analytics and string analysis. Also DRC has assisted customers in developing Accelerated Algorithms as a Service (AAaaS) capabilities. DRC is a wholly owned subsidiary of Security First Corp., an emerging industry leader in information assurance, data security, privacy, integrity, and high availability. Accelium is a trademark of DRC Computer Corporation. To learn more go to www.drccomputer.com

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