

News Release

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Douglas Telecom's real-time indexing engine yields unprecedented speed and efficiency

Portland, Ore - Douglas Telecom (DTI) is excited to announce the deployment of the next generation of its real-time indexing engine. The same system capable of handling the needs of a large enterprise is now available and affordable for small and medium sized businesses. A single FlexyTrack server utilizing this new engine could meet the needs of a growing small or mid-sized company for years to come without costly upgrades or modifications.

This break-through in indexing technology vastly improves data processing and access speeds, allowing for high performance, database driven applications and services. On average DTI's indexing engine can find and retrieve one random record from 100,000,000 records within 0.015 – 0.05 seconds (0.03 seconds is equal to a housefly's wing flap). For example, it would take the indexing engine less than 0.1 seconds to retrieve a record by first or last name from a database of 100,000,000 names. Incredibly, the system achieves these access speeds while working in real-time. Unlike traditional systems, DTI's new engine does not require data re-indexing in order to obtain optimal speeds. New records and data can be added or deleted and the system automatically re-indexes that data instantly.

This development enhances the speed and performance of DTI's FlexyTrack web and application servers. There are various exciting applications for the power and customization of this technology, including internet traffic routing, AI engines, or multi-user applications, or for anyone needing to sort and access large amounts of data quickly.

The servers used for testing the indexing engine had 2 gigabytes of RAM, single core processors and a 7200RPM SATA hard drive.

Douglas Telecom, Inc. is located in the heart of the “silicon forest” in Portland, Ore. For more information, contact William Moglia at 503-221-9778 (ex 13) or william.moglia@douglastelecom.com. More information about Douglas Telecom, DTI's indexing engine, and other related technologies can be found at <http://www.douglastelecom.com>

For over 10 years, Douglas Telecom has been serving its customers with hosted telecommunication and business solutions. Established in 1998, Douglas Telecom, Inc. has been following its mission to apply to the Internet the results of independent research on audio-database and real-time database solutions. Today, Douglas Telecom is a provider of independently-developed, proprietary VoIP services, server technology, hosted web-based software services and cloud computing solutions.