

## Case Study



### Honda R&D

#### Situation

Honda Motor Co., Ltd. engages in the development, production, and manufacturing of motor products worldwide, and is one of the world's largest makers of cars and motorcycles. The company's research and development division is a global organization with headquarters in Los Angeles and Tokyo that designs and engineers new products for Honda Motor. In order to facilitate the transfer of CAD files and other large documents, the company uses a 30Mbps dedicated link between L.A. to Tokyo. In spite of this high-bandwidth connection, the transfer of design files was slow, resulting in lost productivity; for example, a 60MB file took almost 16 minutes to transfer between offices. Honda R&D

#### Solution

Honda R&D installed the FastSoft E Series™ in its L.A. office, and was able to reduce the transfer time by a factor of 32, meaning that the time required to send a 60MB file was reduced to 30 seconds. This allowed engineers in California and Japan to work together in real time, rather than waiting for critical files to download.

"One of the major challenges that globally distributed organizations face is the transfer of large files, which can be a major obstacle to productivity," according to FastSoft CEO Dr. Steven Low. "Honda was able to use the E Series to dramatically reduce the time it takes to send files. Not only is this a technological improvement for Honda, but a major boost to the organization's ability to function more effectively as a cohesive unit despite the large distance between their Los Angeles and Tokyo offices."

#### One Box

Unlike other Internet acceleration solutions on the market, FastSoft's E Series product line does not require recipients of files to install a separate hardware device or even install software. "This is completely invisible to the party receiving a file," Low says. "All they see is that files take a matter of seconds – rather than minutes – to download. That means that Honda R&D can not only speed the transmission of files from L.A. to Tokyo, but their engineers and designers can also send them to any computer in the world up to 30 times faster than they could without the E Series."

#### About FastSoft

FastSoft (fastsoft.com) was launched in 2006 to bring the benefits of Internet acceleration technology to the media and entertainment industry and other enterprises that depend on the transfer of large files. FastSoft accelerates video up to 15x for long-distance production collaboration, digital delivery to customers, and superior broadband viewing in the home. Large files - including CAD, imaging, business information, and software – can see an improvement of up to 30x faster. Unlike other acceleration solutions, FastSoft's products are single-box solutions that require no hardware or software on the receiving end. The company's core technology, FastTCP™, is based on research originally developed by FastSoft's founders at the California Institute of Technology's Networking Laboratory (Netlab).