

Mechanics Solutions

Mechanics Problems and Solutions

MapleWorks' Video Application Development Technology Allows for High Level of Collaboration, Cooperation

October 1, 2009 -- MapleWorks Technology, a leader in software development outsourcing solutions and services for network communications with a focus on High Definition (HD) Video applications, offers high quality off-net [video application development](#) for both collaborative and educational purposes. Off-net video is meant to extend the accessibility of streaming video by broadcasting it to the internet so it can be available anywhere to authenticated users. The quality of MapleWorks' HD off-net video service is always maintained even in the presence of network congestion and bandwidth inconsistency.

- Successful [video application development](#) requires developers to be adept at managing multiple known technologies concurrent with unknown factors.

While off-net video seems quite similar to videoconferencing on the surface, an HD off-net [video-on-demand](#) application has notable advantages. Videoconferencing does not provide a high-level of resolution, nor does it need to, given its typically non-critical applications. With an HD off-net video solution, there is minimal disruption in video quality, a critical consideration for instances where clarity and high resolution are essential for accurate and effective two-way communication. Critical applications include military, medical, and educational usages, as well as any project where collaboration is required between two or more parties.

- [Video-on-demand](#) streaming of HD video from within a restricted facility to be accessed remotely, only by authenticated users

MapleWorks employs an Agile software process, allowing it to build out portions of the product and subsequently present them to the customer to ensure maintenance of the right development track. As each portion is approved, a new portion can be undertaken and the process begun anew.

- [Mobile video application](#) solutions integrate existing software components (open-source and commercial) with custom developed software.

MapleWorks' [mobile video application](#) solution streams high definition (720p) video over the Internet, using H.264 codecs to minimize bandwidth consumption and maximize video quality, and can be integrated into existing IP and other infrastructures. The resulting deliverable is a high quality off-net video product that is straightforward and easy to use.

About MapleWorks

MapleWorks Technology is a proven provider of software development services to network communications product suppliers, serving the carrier and enterprise markets. The Company delivers trustworthy onshore engineering and design services with a deep-domain experienced team that is knowledgeable in commercializing technology in a cost-effective manner.

MapleWorks is headquartered in the Ottawa Region known as Canada's Silicon Valley, providing solid IP protection for their customers. For more information visit www.mapleworks.com.

[Mapleworks.

#