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## **2netFX Technology Chosen for Use in InternetWeek University of Hawaii Advanced-Networking Test**

*Company's ThunderCastIP HDTV Server and StreamRider HDTV Player Software  
Play Key Roles in Measuring Various Networking Components Under Different Situations*

**NAB Booth #E3609 (Sands eTopia section)** — 2netFX, a leading provider of enterprise streaming solutions for intranet and broadband Internet media delivery, was selected to provide the technology needed for an in-depth study of how networking components from assorted manufacturers handle different network scenarios. The testing was conducted by InternetWeek magazine in conjunction with the University of Hawaii's Advanced Network Computing Laboratory (ANCL) at its department of Information and Computer Sciences, Manoa campus.

“We are flattered, to say the least, that such Internet-leading research stalwarts as InternetWeek and the University of Hawaii chose our technology as a critical constant in their testing,” remarked William Reed, 2netFX vice president of marketing. “Delivering HDTV content over a network is the surest way of testing any network's integrity. So, it says a lot about the capability and dependability of our ThunderCastIP HDTV server and StreamRider HDTV client software that they were selected for use.”

The object of the three-pronged test was to find out how networking components would behave in a typical ISP/ASP/colocation environment. The 2netFX technology was involved in testing how well each network switch manages multiple prioritized unicast and multicast HDTV at 20Mbps per stream, MPEG-2 at 5Mbps per stream bi-directional with multiple endpoints, and simulated streams generated by Ganymede Chariot.

ThunderCastIP HDTV is the first commercially available multicast server for high-definition live or prerecorded video streaming from 10 to 50 Mbps over IP-based networks. Engineered into the unit are advanced server features such as remote management and scheduling, data casting, multiple live encoder support, network QoS, group and user management, VOD media management, and support for MPEG-1, 2, 4. Also, it allows playback on a standard PC or set-top appliance, which are displayed on most PC monitors or HDTV sets.

2netFX StreamRider Player software lets users view and subscribe to MPEG-1, 2, 4 and HDTV broadcasts from multiple servers, interactively select stations, capture and store video locally, adjust video window location and size, and play archived videos from multiple servers. Its unique development tools allow creation of custom applications that select, play, capture, store, and forward video, audio, and data. It is completely optimized for satellite, LAN/WAN, ATM, fiber, and Internet2 usage.

### **About 2netFX**

2netFX is a leading provider of enterprise streaming solutions for intranet and broadband Internet media delivery. Founded in 1996, 2netFX was the first to offer multicast streaming of HDTV over ordinary networks, advanced client player customization and integration, and concept to delivery media streaming consulting, services and solutions. The company was named by *Computerworld* Magazine as a top Emerging Company to Watch in 2001.

Enterprise streaming solutions from 2netFX deliver MPEG-1, 2, 4, H.263, and HDTV streams from 28Kbps to 50Mbps via satellite, ATM, LAN/WAN, fiber or Internet2. The company's ThunderCastIP HDTV server and StreamRider HDTV Player software played major roles in the first successful demonstration of an HDTV- content multicast delivery over the Internet.

Designed for a variety of applications including business television, distance learning, corporate communications, government, education, and the military, 2netFX products are currently bundled by many leading digital video companies and in use at leading organizations including Sprint, Panasonic, Wal-mart, MCI Worldcom, Hughes Networks, NASA, GlobeCast/France Telecom, Walt Disney Studios, Lucent, Echo Star, and others.

2netFX is headquartered in San Jose, CA, and is available on the Internet at [www.2netfx.com](http://www.2netfx.com).

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