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News

Wednesday, 18 April 2007

## Kasenna Teams with HP, Intel to Complete the 'One Million Subscriber' IPTV Test

Kasenna, the IPTV Company, has teamed with HP and Intel to complete a one-million-IPTV-subscriber benchmark test for broadcast television and bandwidth-intensive Video on Demand (VOD) services. The benchmark test proved that an IPTV infrastructure developed by Kasenna, together with HP and Intel, can support one million subscribers.

The IPTV-infrastructure test-bed, built around Kasenna's Portal TV product suite, consisting of the LivingRoom middleware platform and MediaBase video server software, utilised industry-standard HP ProLiant servers powered by Intel low-power Dual-Core Xeon processors. The test was conducted in a simulated access network environment at the HP Communications, Media and Entertainment (CME) Solution Centre in Grenoble, France.

As part of the certification process, the test centre stress-tested the PortalTV infrastructure using a traffic model that subjected it to peak traffic patterns typical of Friday or Saturday evening consumer viewing. The test bed, which can be tuned to specific subscriber and traffic scenarios, is designed to allow service providers to test the infrastructure for their own user-generated traffic patterns—both traditional and anticipated traffic—and a variety of stand-alone, centralised, and distributed-content distribution architectures as a means of proving the resiliency and scalability of the IPTV infrastructure before deployment. The network supports a multi-user configuration in which multiple HP ProLiant DL380 G5 or BL480c servers running LivingRoom middleware software, each supporting up to 120,000 active subscribers may be tested, the company asserted.

"As an independent Market Analysis Group, MRG recognises the value of independent, objective IPTV benchmark testing such as that spearheaded by Kasenna, HP and Intel," said Gary Schultz of MRG, a firm providing market analysis of new technologies for the communications industries.

"Although scalability of VOD is crucial to the IPTV industry, objective benchmark testing has been missing, MRG congratulates Kasenna, HP and Intel for removing the veil of mystery about what it takes to scale IPTV to subscriber levels of one million while achieving fast channel change."

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