



# **EZTV** Player **Lite**

## **MULTICAST-TO-THE-EDGE®** **HTML5 IPTV PLAYER**



### **What is EZ TV Player Lite™?**

EZ TV Player Lite™ is VITEC's latest innovation in the IPTV streaming to the desktop domain. The EZ TV Player Lite technology enables organizations to scale live video services to any size user base without the major costs associated with traditional transcoding and distribution servers and seat licenses recurring fees, ensuring the highest network-bandwidth efficiency for enterprise-grade video distribution.

### **What is Multicast-to-the-Edge®?**

HTML5 has become the technology of choice in the enterprise video industry, however HTML5-enabled web applications don't offer the ability to tune into live multicast content and don't support UDP Transport Stream video containers which are typically used by the major satellite and cable TV content providers for enterprise projects. These limitations have led various solutions to use buffered unicast-based streaming methods to deliver live video to HTML5 browser players.

The use of unicast streams requires substantial infra-structure for duplicating content, distributing unique sessions to each viewer and a major increase in network bandwidth utilization to support large number of IPTV users on the corporate network. Transcoding and re-distribution of the streams typically introduces an unwanted delay which impacts the viewing experience during live events.

VITEC's patented Multicast-to-the-Edge® technology eliminates these inefficiencies by enabling multicast delivery of live and recorded video streams all the way to enterprise users' computers without going through an intermediate server or an external multi-unicast distribution server. The innovative EZ TV Player Lite enables organizations to scale live MPEG multicast video services to any size user base without the major costs associated with traditional on-premise transcoding equipment, CDN subscriptions, costly seats-licenses and compromised network bandwidth utilization. What about the latency? VITEC's EZ TV Player Lite features a best-in-class 300 milliseconds of decoding latency for HD streams on any desktop browser without using browser plug-ins or browser extensions!



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## VITEC's EZ TV Player Lite™ – Next Generation IPTV Browser Player Highlights

- ✓ Revolutionary technology for playing live UDP MPEG multicast streams and on-demand files on any browser, without using browser plugins or browser extensions, on both Windows OS and Mac OS computers.
- ✓ True multicast delivery of live and recorded video streams, all the way to enterprise users' computers, without going through multi-unicast distribution servers.
- ✓ Intuitive HTML5 interface works with all of VITEC's existing EZ TV Platform servers.
- ✓ Low decoding latency suitable for viewing live events, real time situational awareness video, news, sports and other IPTV content.
- ✓ Real-time AES decryption support, fully compatible with the content security requirements of all major satellite and cable TV content providers as well as with US Government and Department of Defense full motion video DRM specifications.
- ✓ GPU acceleration support for higher efficiency decoding of MPEG video with less impact on desktop/laptop CPU.
- ✓ No recurring seat license fees.
- ✓ Browser-agnostic real-time multicast IPTV Player. View low delay multicast streams on the latest browsers including Chrome, Safari, Internet Explorer, Edge and FireFox.

EZ TV Player Lite is powered by VITEC's Multicast-to-the-Edge® technology US Patent No. 10728589

