# COMPUTER PROTOCOLS

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## RADISYS EXTENDS MEDIA PROCESSING TO JAVA DEVELOPERS

**Radisys Corporation has introduced WebConnect JAVA - a JSR-309 compliant adapter which is compatible with the entire Radisys Media Resource Function (MRF) product family.**

**Java Enterprise Edition (Java EE) application developers are now able to leverage Radisys WebConnect to utilize, and control, Radisys media processing capabilities for the real-time services they are developing. This supports a significant expansion not only in the scale of these services, but their performance too.**

**Radisys WebConnect translates JSR-309 media processing requests, in a Java EE environment, into Session Internet Protocol (SIP) and Media Server Markup Language (MSML RFC 5707) XML-based control commands – which are compatible with any Radisys MRF. The resulting integration is a highly flexible, adaptable, scalable and optimized solution that supports IP multimedia packet processing across both OTT and IMS architectures for a wide range of interactive services, including VoLTE, WebRTC, conferencing, and network transcoding use cases.**

**“Service Delivery Platforms (SDP) based on Java EE are increasingly being utilized to support real-time telecommunication services - particularly for OTT and WebRTC,” said Ari Banerjee, Senior Analyst at Heavy Reading. “The Java community defined JSR-309 as the media control interface for Java-based platforms, yet the scalability, virtualization, and platform options for JSR-309 media processing have been somewhat limited across the market. The entry of a media processing leader like Radisys adding JSR-309 compliance across its MRF platforms provides OTT service providers and mobile operators with a well supported range of media processing options to choose from.”**

**Real-time communication services have traditionally been developed, and deployed, on specialized application server platforms designed to IP Multimedia Subsystem (IMS) standards supporting SIP. However, there is now a growing trend to develop interactive communication services,**

**particularly Over The Top (OTT) and WebRTC services, on web application servers based on traditional Internet communication and programming standards, such as Java. With WebConnect Java, real time communication services can be executed in a Java EE environment - while fully leveraging the economic and performance advantages offered by Radisys' market leading MRF products.**

**"Adding support for JSR-309 was a simple decision as many of the leading web application server platforms on the market today are Java EE based," said Grant Henderson, VP of Marketing and Product Management at Radisys. "In addition, the world has far more computer programming professionals with expertise in Java programming than telecommunication service developers with expertise in SIP. Radisys WebConnect is focused on opening up this market by delivering first-class media processing capabilities to the broad community of IT professionals developing real-time communication services using Java platforms, be they WebRTC, video or audio based."**

**About Radisys WebConnect**

**Radisys WebConnect is a Java-based program, designed for installation into a JEE compliant platform, that converts JSR-309 media control commands to the SIP and Media Server Markup Language commands for Media Server Control. Through Radisys WebConnect, Java developers will have access to highly scalable, feature-rich real-time audio and video packet processing capabilities for their real-time interactive audio and video services, including:**

- **Audio and video greetings, ring back tones, and announcements**
- **Audio and video recording and playback**
- **Audio and video conference mixing, up to HD 720p**
- **Audio and video transcoding**
- **Voice Quality Enhancements (VQE)**
- **Dual Tone Multi Frequency (DTMF)**
- **Multi-Language IVR (>45 languages)**
- **Audio/video forking and tapping for lawful intercept**

- **Active/standby MRF support**

**Radisys WebConnect is designed to integrate with any Radisys MRF platform. This allows Java developers the flexibility to deploy as virtualized media processing in a telecom cloud, or with the Radisys MPX-12000 broadband MRF with industry-leading capacities, reliability, and fault-resilience features.**

**About Radisys**

**Radisys (NASDAQ:RSYS) is a market leader enabling wireless infrastructure solutions for telecom, aerospace and defense applications. Radisys' market-leading MRF (Media Resource Function) and T-Series Virtualized Platforms coupled with Trillium software services and market expertise enable customers to bring their products to market faster with lower investment and risk. Radisys technology is used in a wide variety of 3G & 4G / LTE mobile network applications including: small cell Radio Access Networks (RAN), wireless core network applications, deep packet inspection (DPI) and policy management equipment; conferencing and media services including voice, video and data, as well as commercial offerings for network applications that support the aerospace and defense markets.**

**For more information, visit www.radisys.com or call 604/918-6318.**

## IRISYS’ SOFTWARE SUITE MANAGES IP-ENABLED DEVICES

**Irisys has made it easier to manage its IP-enabled devices from virtually anywhere in the world. Introduced as part of the Gazelle Platform, Irisys’ new Estate Manager software is a scalable, Web- and cloud-based enterprise solution. It provides a single point to remotely manage its Gazelle and 3000 series People Counter devices via a user-friendly dashboard tool.**

**“People Counting devices are only one component to achieving a truly comprehensive approach to in-store analytics. Another crucial component is a robust software solution that expands the technical team’s ability to manage those devices,” says Nick Stogdale, divisional director for detector products at Irisys. “Estate Manager brings about a new era in device management – just as the Gazelle line of People Counters brought about a new generation of devices.”**