Kurento.org, a technology created with the support of the NUBOMEDIA project, received two Demo Awards from TMC, Systemwide Media and PKE Consulting during 2014 WebRTC Conference & Expo V celebrated in San Jose (California) on November 18-20, 2014. The most important companies in the area presented their WebRTC solutions to a live audience filled with industry experts. Kurento.org was chosen as “Best WOW Factor” and “Audience Choice” awards.

*These awards, obtained at the heart of Silicon Valley, in the most important WebRTC Conference of the world and competing against the most relevant
companies in the WebRTC arena, are a very relevant milestone in our project and reinforce our vision and our energy for continuing to contribute to creating an ecosystem of really open technologies around WebRTC through NUBOMEDIA”, explained Dr. Luis Lopez, NUBOMEDIA project coordinator.

Kurento.org is an open source software project providing a WebRTC media server, Kurento Media Server, and a set of client APIs. Kurento Media Server is at the heart of NUBOMEDIA and makes simple the development of advanced video applications for WWW and smartphone platforms. Kurento Media Server features include group communications, transcoding, recording, mixing, broadcasting and routing of audiovisual flows. This makes possible for developers to create WebRTC applications going beyond the plain call model extending human knowledge and capabilities.

Dr. Lopez presents it in these terms: “If I see an X-ray or if I listen to a heart beating through a video-conference, the information I obtain is quite different to the one perceived by an expert cardiologist. However, current state of the art makes it possible to use computer vision, speech analysis and augmented reality to capture the expert’s knowledge and depict the appropriate diagnosis information to me in a comprehensive way onto the received video steam. In this way, my knowledge and my senses can be extended by the communication system in ways I cannot even imagine today. Kurento.org technology is unique worldwide because it provides a framework for integrating these types of capabilities with WebRTC in a seamless and direct manner.”

Kurento.org can also be used in market segments beyond person to person communications making possible new business models for advertising, smart cities and other person-to-machine and machine-to-machine scenarios: “our demos have shown that using Kurento.org it’s is possible to improve the security of cities by integrating computer vision algorithms with street IP cameras, which can be visualized by the appropriate personnel using WebRTC when interesting events occur. We have also shown that it’s possible to create new advertising models basing on projecting users, through their WebRTC enabled browsers, into virtual environments where they can interact with celebrities or other virtual objects in impressive ways”, explained Dr. Lopez.

Carl Ford, Event Co-Producer, congratulates the NUBOMEDIA team with these words: “on behalf of WebRTC Conference & Expo, I am very pleased to recognize the innovation demonstrated by Kurento.org at the 2014 Demo Awards. Initiatives like Kurento.org are the driving force behind the growth of WebRTC. Kurento.org truly deserves these awards and I look forward to more innovative solutions from them in the future.”
“It is my pleasure to grant a 2014 WebRTC Conference & Expo Demo Award to Kurento.org for their innovative media server solution,” said Event Producer and TMC President Dave Rodriguez. “It is our pleasure to be able to honor Kurento.org for their inspiring work.”

About Kurento

The Kurento.org open source research project is lead by Universidad Rey Juan Carlos, a Spanish university located in Madrid, and Naevatec a Spanish start-up devoted to creating a next generation of real-time multimedia communication services. Kurento.org is possible thanks to the financial contribution of the European Commission through different research projects, which include:

- **NUBOMEDIA** ([http://www.nubomedia.eu](http://www.nubomedia.eu)): A project devoted to creating an elastic scalable cloud for advanced WebRTC applications and services going beyond the plain call-model.
- **FIWARE** ([http://www.fiware.org](http://www.fiware.org)): A project devoted to creating a truly open, public and royalty-free architecture and a set of open specifications that will allow developers, service providers, enterprises and other organizations to develop software services and applications providing different kinds of machine-to-machine and person-to-machine capabilities with applications to smart-cities, smart-environments, IoT and other equivalent scenarios.

About NUBOMEDIA

NUBOMEDIA is an European Research project with the aim of creating the first cloud platform specifically designed for hosting interactive multimedia services. NUBOMEDIA exposes to developers PaaS APIs for creating media pipelines: chains of elements providing media capabilities such as encryption, transcoding, augmented reality or video content analysis. These chains allow building arbitrarily complex media processing for applications. As a unique feature, from the point of view of the pipelines, the NUBOMEDIA cloud infrastructure behaves as a single virtual super-computer encompassing all the available resources of the physical network. The NUBOMEDIA project is coordinated by Rey Juan Carlos University and has distinguished research and industrial partners including the Fraunhofer Institute FOKUS, the Technical University of Berlin, the Stefan cel Mare Suceava University, the VTT Technical Research Centre of Finland, Telecom Italia, ZED Worldwide, LiveU, Visual Tools and Naevatec.

About TMC

TMC is a global, integrated media company that supports clients’ goals by building communities in print, online, and face to face. TMC publishes multiple magazines including Cloud Computing, M2M Evolution, Customer, and Internet Telephony. TMCnet is the leading source of news and articles for the communications and technology industries, and is read by as many as 1.5 million unique visitors monthly. TMC produces a variety of trade events, including ITEXPO, the world’s leading business technology event, as well as industry events: Asterisk World; AstriCon; ChannelVision (CVx) Expo; Customer Experience (CX) Hot Trends Symposium; DevCon5 - HTML5 & Mobile App Developer Conference; FreePBX World; LatinComm Conference and
About PKE Consulting
PKE Consulting provides strategic consulting at the intersection of computing, networking, and communications. The company's primary focus is on how the integration of information and interaction can create value transformation for organizations. PKE Consulting services include organization planning for how to best utilize technologies for transformation. PKE Consulting also works to assure that the underlying network infrastructure is capable of supporting the new services. PKE Consulting provides services both to end user organizations and to vendors.

About Systemwide Media
Systemwide Media is an integrated marketing company with a core focus on future trends in technology. We service communities of interest with conferences, trade shows, webinars, and newsletters and provide community websites with the latest information in our industries.

Contact
Kurento/NUBOMEDIA Contact: Luis Lopez, lulop@kurento.org

TMC Contact:
Jessica [McCaffrey] Seabrook
Marketing Manager
(203) 852-6800 ext. 170
jseabrook@tmcnet.com

› Give us feedback

NUBOMEDIA objective is to create an open source software community for real-time multimedia communications. We'd love to have feedback from you.

› Slides

NUBOMEDIA: an elastic Platform as a Service (PaaS) cloud for interactive social multimedia from Luis Lopez