SHOWCASING THE EUROPEAN WEBRTC ECOSYSTEM

WebRTC conference expo Paris 2015

16/18 DECEMBER 2015 - HOTEL NOVOTEL PARIS ROISSY CDG - FRANCE
09.00 TRAINING SESSION

09.00 TECHNICAL PANEL

WebRTC for Mobile

Running WebRTC on mobile is still a challenge with several options to solving it.

What are the alternatives developers have for enabling WebRTC services on mobile devices.

Chairman
Amir Zmora, Technology Committee Chairman, AUDIOCODES & Consultant at THENEWDIALTONE

Participants:
Antonis Tsakiridis, TELESTAX
Antón Román Portabales, CTO, QUOBIS
Daniel Wagner, Software Engineer and Evangelist, MATRIX

09.30 ORTC

What is it
What’s the promise ORTC brings and what does it change in WebRTC
Does ORTC create interoperability issues between WebRTC implementations

Antón Román Portabales, CTO, QUOBIS

10.00 Building a WebRTC Application in a Snap

Coding a WebRTC application on stage demonstrating the APIs to be used and the sequence of operations while explaining the basic usage of WebRTC APIs. The purpose is to give the audience a high level understanding of how WebRTC applications work. This session is for product managers, technology and marketing people that want to better understand how WebRTC applications work.

Steven Goodwin, THIRD SPACE LEARNING

10.30 WebRTC Standards

Latest updates on WebRTC Standard work at W3C and IETF.

Dan Burnett, STANDARDS PLAY

11.00 COFFEE BREAK

11.00 CONFERENCE OPENING

11.30 WebRTC State of the Market and Trends

Amir Zmora, Technology Committee Chairman, AUDIOCODES & CONSULTANT AT THENEWDIALTONE

12.00 WebRTC By the Numbers

Dean Bubley, Consultant, DISRUPTIVE ANALYSIS

12.30 LUNCH

14.00 ROUND TABLE

WebRTC and ViLTE Analysts Perspective

Moderator: Amir Zmora

Panelists:
Tsahi Levent Levy, Founder, BLOGGEEK.ME
Alan Quayle, Independent, Dan Burnett, STANDARDS PLAY
Dean Bubley, DISRUPTIVE ANALYSIS
15.00 **Bouygues Telecom: Demonstrating ViLTE and WebRTC Complementarity**

Demonstrating when and how ViLTE and WebRTC can coexist in the same service: multi-devices solutions, integration in iPhone and other devices.

How ViLTE can be associated to VoWiFi: Concept of ViWiFi. Value-Added Services using ViLTE. The enterprise market potential.

Patrice Crutel, BOUYGUES TELECOM

15.20 **Mobile Innovations Opportunities with WebRTC and ViLTE: Comparaison and use Case**

Presenting a reminder of the mobile compatibility for WebRTC and ViLTE. Mobile SDK for iOS use is necessary for example. Does this limitation give an advantage to ViLTE?

Providing a comparison of the two technologies on the mobile developer perspective.

What are the obstacles to ViLTE exposure at device API level?

Describing an interoperability remote diagnostic use case between WebRTC and ViLTE.

Michel L’Hostis, CEO, APIZEE

15.40 **Media Quality and Codecs Aspects for ViLTE**

Discussing, based on subjective tests results, the impact of H.264 codec resolution, frame rate and encoding bitrate on user experience.

Showing some first results on how the choice of the ViLTE operating point in terms of resolution, frame rate and max bitrate impact would impact network coverage for ViLTE. Giving some key technical features related to ViLTE technology and media quality enhancement like network adaptation mechanisms (rate adaptation) or the possible benefit of using the more «powerful» codec H.265.

Stéphane Proust, Senior Standardization Manager Audio Video, ORANGE LABS

**17.10 PANEL**

Are Telcos Losing the Battle again (RCS, WebRTC, ViLTE)?

*QoS aspects*

*Service evolutivity*

*Apple Strategy*

*Does ViLTE map onto user needs or behaviour?*

Moderator: Alan Quayle, Independent Engineer

Panelists:

Dean Bubley, DISRUPTIVE ANALYSIS

Patrice Crutel, Senior Architect, BOUYGUES TELECOM

Michel L’Hostis, CEO, APIZEE

Stéphane Proust, Senior Standardization Manager Audio Video, ORANGE LABS

Kari-Pekka Perttula, ERICSSON

16.00 **COFFEE BREAK**

16.30 **WebRTC to Create Contextual Communications**

Communication service providers are rolling out VoLTE and VoWi-Fi services around the world but where is the new revenue opportunity? The key is to understand how communications are consumed by making Contextual Communications with WebRTC and network APIs. The resulting services provide a competitive offering to support customer retention and new revenue streams in consumer, business and wholesale markets.

Gilles Duboué, Alcatel-Lucent Rapport Service Innovation Marketing Director, ALCATEL LUCENT

16.50 **WebRTC in the Service Provider Network**

By complementing 3GPP services such as VoLTE with webRTC, the reach for communication services is extended and completely new use cases can be realized. One example of such use case is the SEB bank where a remote advisory service has been realized using webRTC as the communication component. With the emergence of WiFi calling, users will be able to call over WiFi without downloading an app.

Kari-Pekka Perttula, ERICSSON

18.30 **END OF CONFERENCE DAY ONE**

19.00 **WELCOME COCKTAIL**
08.50 WEBRTC FOR ENTERPRISE APPLICATIONS

08.50 Real-Time Communications for Real World Business processes: How Real Does it Get?

As more and more leading players in the Unified Communication industry make their products WebRTC enabled, we are starting to see more initiatives towards APIs and SDKs. This brings the flexibility enterprises need to integrate UC components into business. However, it’s not that easy to integrate a technology to a business process that’s been used for decades. Discussing use cases and strategic paths to put the last piece in the context.

Fikri Firat, Collaboration Services Specialist, GARANTI TECHNOLOGY

09.10 Groupama Insurance Group WebRTC Application

Describing « Granvillage », a social network based on WebRTC Communications which aim is to enable Groupama customers to reach other customers with a mobile feature phone, by SMS, by voicemessage (with SpeechToText and TextToSpeech), by web, by smartphone.

Philippe Vayssac, Project Leader, GROUPAMA

09.30 Mailbird: Bringing WebRTC to the Desktop

Describing Mailbird, its users, the challenges and the problem that is being solved through WebRTC. Mailbird is a Windows only email client which aims to reduce the email workload drastically. Besides the core application (email) it includes a number of apps to enrich experience and productivity. One of the apps is Veeting. It allows users to open a WebRTC session among email recipients with just a click.

Fabian Bernhard, VEETING

09.50 WebRTC as Next Generation Contact Center Technology Enabler

Deployment of new WebRTC Capable web based agents using cloud infrastructure will reduce costs of new working places and with less security risks. WebRTC integration with Contact Centers seems promising, what are Experiences from Real-World Deployment?

Matej Žvan, CTO, BROWSETEL

10.10 Making WebRTC Real for Enterprises

Drawing on real-world implementations in financial services, contact centres, and unique communications applications to illustrate the keys to creating and deploying products and services that enterprises will embrace.

Gethin Liddell, Director Technical Sales, EMEA APAC, CAFEX COMMUNICATIONS

10.30 COFFEE BREAK

11.00 ROUND TABLE

WebRTC: a New Revenue Opportunity or a Revenue Killer?

12.00 DEMOS SESSIONS

Best Services Awards

12.30 LUNCH
14.00 WEBRTC TECHNOLOGY

14.00 **WebRTC for Mobile**

Presenting and showcasing how to build a native mobile WebRTC app for iOS and Android, and how easy it is using our solution.

Stefan Ålund, ERICSSON

14.20 **Thinking WebRTC Mobile First**

Today real-time communications in mobile devices typically means general purpose, non-contextual audio and video calling. WebRTC promises more by embedding real-time with context. For mobile this means apps enabled with WebRTC capabilities. While mobile implementations of WebRTC are now available for iOS and Android, there are still many decisions that need to be made to take advantage of it. Things like what frameworks to use, native vs. hybrid, how to handle security and much more. Going from concept to delivered application and what steps and decisions need to be made along the way.

Scott Graham, IBM

14.40 **Scalable Multi-party Topologies**

Traditional video conferencing is typically using high quality yet expensive and computing intensive architectures. As multiparty video communication is moving to high capacity cloud based consumer and SME segments scalability and low price points are required. What are the alternatives when planning multiparty video solutions.

Amir Zmora, AUDIOCODES & Consultant

15.00 **Moving WebRTC from an Asterisk to a Headline**

WebRTC is still perceived as difficult for mainstream developers. Why isn’t WebRTC as popular as NodeJS? Why isn’t everyone adding voice, data-channels, and video to their services? What can be done to attract more developers to integrate WebRTC? Discussing the many roadblocks WebRTC is facing in depth, and how the developer community can work past them.

Hugh Goldstein, VP of Strategic Alliances, VOXBONE

15.20 **A Versatile and Scalable Testing Solution to Meet the Challenges of Testing WebRTC Services**

Demonstrating how a versatile and scalable testing solution can help network operators and engineers through the whole life cycle of adding WebRTC capability to any size SIP network. Establishing the usefulness of the versatile scalable testing solution by presenting 4 different case studies.

Chao Zhao, VALID8

15.40 **Debugging and Testing WebRTC Apps: Practical Overview and Recommendations**

Reviewing some major challenges that WebRTC developers typically meet in practice. Describing available tools that help improving the efficiency of your debugging and testing activities on WebRTC apps. Showing quick demos of such tools.

Vladimir Beloborodov, Unified Communications CTO, MERA

16.00 **WebRTC-Enhanced Freephone Service**

Providing an introduction to the ECT WebRTC-Enhanced Freephone Service with a description of features followed by a live demo.

Metin Sezer, Director of New Products, ECT

16.20 COFFEE BREAK

16.50 **What SDN Can Bring to WebRTC**

Demonstrating how it is possible to obtain a better QoS for HD video calls by reserving bandwidth and by marking the flows, by using SDN controllers (OpenDaylight). Describing mechanisms that allow to perform admission control and policy enforcement according to end-users needs.

Giuseppe Monteleone, ITALTEL

17.00 **Is NFV a Key Success Factor for Telecom Service Providers to Offer WebRTC-based services?**

Why not looking at NFV to quickly test and manage the dynamic and large scale end-to-end user communications services that WebRTC will drive? Exploring the traffic model deployed over the telecom operators’ networks to assess how virtualization can bring innovation agility and decreasing costs through different service examples.

Frederic Huve, Industry Principal and Chief Solution Architect, HP

17.30 WINNING TADHACK DEMO SESSION

Review of the Mini TaDHack Paris Event (English Speaking)

19.00 END OF CONFERENCE DAY TWO
09.00 THE NON-TRIVIAL APPLICATIONS OF WEBRTC

09.00 Growing Role of WebRTC Solutions in Public Safety Systems

Public Safety Agencies and First Responders need additional services which would facilitate their mission nowadays. WebRTC shall play an important role in this kind of enhancements. Wearable cameras used by First Responders is just one of the examples of possible WebRTC use cases.

Marcin Sielski, WebRTC Advocate, MOTOROLA SOLUTIONS

09.20 WebRTC in Vertical IoT Solutions like e-health

Generic IoT solutions can take advantage of the video/audio streams. IoT users can “interact” with “things” in real-time and WebRTC is a powerful tool that allows them to verify what is really happening. This can be valuable for assisting patients at home but also for proactive maintenance and environmental control.

Federico Descalzo, Chief Marketing & Technology Officer, ITALTEL

09.40 Running WebRTC on non-WebRTC Devices

What is a non-WebRTC device? Things to consider during planning a WebRTC application. What options are available to implement a WebRTC enabled application.

Stefano Gioia, Master Principal Solution Specialist EMEA, ORACLE COMMUNICATIONS

10.00 COFFEE BREAK

10.30 LESSONS LEARNED FROM PROJECTS AND DEPLOYMENTS

10.30 Performance in the Wild: One Year of Measuring WebRTC Quality

How often do calls fail? Fully? Partially? What are the reasons for failure? What is the typical network latency? Are there any burst losses? callstats.io will share with the community the aggregate quality metrics measured across 50+ WebRTC apps and services: big and small, local and global.

Varun Singh, CEO, CALLSTAT

10.50 Telefonica « Your Phone in a Browser »: Lessons Learned One Year Later

Discussing what was learned 9 months after launch of Telefonica TU Go. Your Phone in a browser based on WebRTC. Covering basic overview of TU Go architecture, call quality analysis, interoperability with PSTN, including gaps such as DTMF, offline notifications for handling incoming calls.

John Neystadt, TELEFONICA

11.10 Matrix: One-year Status Report

Matrix is an open standard for decentralised persistent communication over IP. It provides simple HTTP APIs and open source reference implementations for securely distributing and persisting JSON over an open federation of servers. Matrix can be used for decentralised group chat, WebRTC signaling, Internet of Things, and anywhere you need a common data fabric to link together fragmented silos of communication. Where we are with today, and what people in the community have done.

Oddvar Lovaas, MATRIX

11.30 RestComm Open Source Mobile WebRTC SDKS

Describing the lessons learned in implementing an Open Source WebRTC SDKs for iOS and Android as well as a demo of the work and how WebRTC in Mobile is enabling a whole new range of real world use cases.

Jean Deruelle, Co-Founder, TELESTAX

11.50 WebRTC - Low barrier to Entry. Low barrier to Exit?

Looking at the issues developers run into when developing their WebRTC applications: the problematic elements in the API, the compatibility problems between browsers, missing infrastructure, and even the human element. All in all, it’s a demonstration that a true WebRTC application can’t be built in a snap.

Steven Goodwin, THIRD SPACE LEARNING

12.10 CLOSING PANEL

WebRTC Current Status and Predictions for 2016

12.30 DEMOS AWARDS

Announcement of the 2015 Award Winners and Closing Notes

12.45 END OF THE CONFERENCE / LUNCH
The Novotel Convention & Wellness Roissy CDG is a 4-star hotel with 289 rooms close to Roissy CDG airport and 15.5 miles from Paris. Ideal for a business trip or family stay. The hotel boasts 12,917 sq. ft. of meeting space in 18 modular rooms.

The Wellness Center - a 6458-sq. ft. spa with pool, sauna, hammam, fitness center and beauty treatments - is there to help you unwind. The contemporary and welcoming Novotel Café offers original and varied dishes.

The guestrooms feature contemporary decor and furnishings and come equipped with satellite TV, high-speed Internet connections and a minibar. Further amenities include hairdryer, direct dial telephone, radio, tea and coffee making facilities, iron and ironing board, individually adjustable climate control system and a personal safe box.

The Hotel Novotel Convention & Wellness is connected to Roissy CDG Airport Terminals by the free shuttle «Circuit Gold» bus service.

Terminal 2 and TGV station: Level 5
Terminal 3: in front of Roissy Pôle

More information about the Novotel Convention and Wellness

Cancellation/Modification Policy

You may cancel or modify your hotel reservation free of charge before 48 hours of arrival date. Beyond that date, cancellation charges will be applied corresponding to 1 night’s charge.

We require that any room cancellations have to be received in writing and acknowledged by contact us: contact@uppersideconferences.com

Room Rates

Single Occupancy: € 135.30/night. One breakfast included. Local taxes included.
Double Occupancy: € 145.30/night. Two breakfasts included. Local taxes included.

Up to 2 children (15 years and under) stay free when sharing with parents.

To get more information and to book your room at the Novotel Convention & Wellness Paris Roissy CDG, please go to www.uppersideconferences.com