

16/18 DECEMBER 2014 HOTEL MARRIOTT RIVE GAUCHE - PARIS

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Web R R T C C

conference expo Paris 2014

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WebRTC

conference expo Paris 2014

The Largest Global WebRTC Conference & Exhibition in Europe

Bringing together service providers, systems integrators, enterprises, vendors and industry thought leaders for 3 days of training, case-studies, demos and panels.



- WebRTC technology & market insights
- Great opportunity to evaluate technologies & services available on the market
- Global speaker list & technology committee
- Larger exhibition

2014 Conference Agenda: What are the next hot things in WebRTC ? What are the customer profiles? What are the service providers strategies?

WebRTC is the next hot thing on the web. But what's the next hot thing in WebRTC? What about ORTC and WebRTC 2.0?

The 2014 WebRTC Paris conference & expo will highlight new usages of WebRTC: data channel video streaming, WebRTC & TV services, M2M applications.

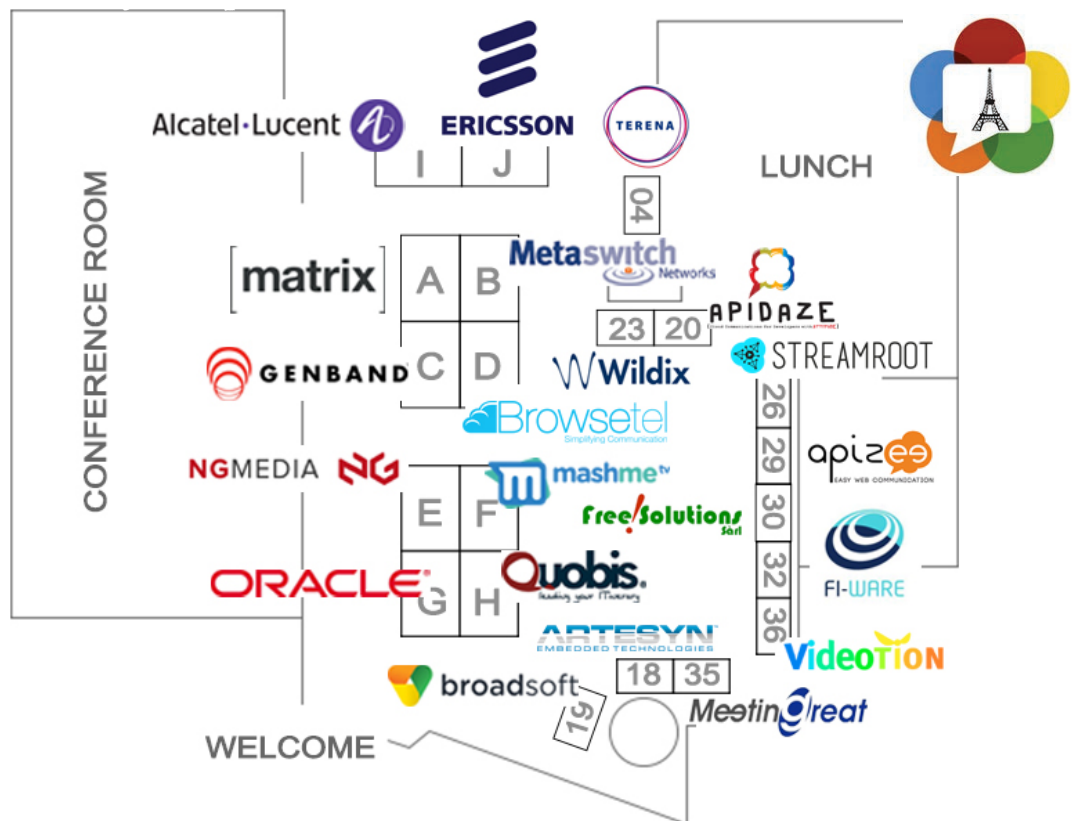
WebRTC is a smart technology, but how customers use it? What are the first WebRTC user profiles? What does it mean to use a WebRTC API platform? A panel gathering users will be organized during the conference. The aim is to demonstrate how customers are using their WebRTC service platform.

What is WebRTC impact on service providers business and organization? Main European service providers will testimony on their strategy to extend legacy communication services to the web. What are the current relevant use cases? Can they monetize their services?



A larger exhibition and a new location in the heart of Paris

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08.00 WELCOME, REGISTRATION AND COFFEE

TRAINING SESSION

09.00 WebRTC State of the Market



WebRTC's ecosystem is a dynamic landscape in constant flux. With over 400 vendors, growing steadily, it is important to understand where the industry focus is and where are the opportunities. Reviewing the WebRTC ecosystem, the vendors and the trajectories they take within the industry.

Tsahi Levent-Levi, Founder, **BLOGGEEK.ME**

09.45 WebRTC Standards Update (Part 1)



Experts and leaders in the IETF, W3C, 3GPP, and other standards bodies give an update on all the standards being developed or enhanced for WebRTC. Learn about the core API work and the underlying protocols as well as attempts to standardize signaling layers that are built on top of WebRTC.

Victor Pascual Avila, Technology, Innovation and Strategy, CSO, **QUOBIS**

10.15 COFFEE BREAK

10.45 WebRTC Standards Update (Part 2)



Dan Burnett
TROPO/VOXEO

12.30 LUNCH

WELCOME NOTES

14.00 INTRODUCTION



What WebRTC Isn't (and what it really is)

Amir Zmora, Technology Committee Chairman, **AUDIOCODES** & Independent Consultant

14.40 KEYNOTE SPEECH

WebRTC by the Numbers



Dean Bublely, Consultant, **DISRUPTIVE ANALYSIS**

11.15 Google & Mozilla Roadmap for WebRTC/ Microsoft Position on ORTC



WebRTC is an evolving technology and this is an update of the roadmaps and realities for Google Chrome and Mozilla's FireFox and how ORTC makes Microsoft fit into the WebRTC story. What do the browser vendors hope to achieve and how does that impact their priorities? How significant are WebRTC-powered Google Hangouts and Mozilla Hello projects for this?

Philipp Hancke, **&YET**

11.45 Data Channel

Data channel general characteristics

- Reliable, ordered, message oriented
- SRTP, SCTP
- Supports binary data

Fast Negotiation

- A word on trickled ice
- The negotiated data channel argument

How fast is the data channel really?

- Sending large amounts of data
- Optimal message size
- Controlling the buffer amount

Svetlin Mladenov, **VIBLAST**

12.30 LUNCH

WELCOME NOTES

14.10 KEYNOTE ADDRESS

WebRTC Continuum: The next Wave

WebRTC deployments are picking up pace at the same time VoLTE trials are growing. The acceleration of WebRTC is forcing a new wave of technologies to address market demand for clients, connections, and the network.



Douglas Tait, SDP Product Marketing Director, **ORACLE COMMUNICATIONS**

PANEL

15.00 WebRTC Analysts Perspectives

WebRTC has shifted from the position of hype to realism. Many who were looking for the world to change in a snap are wondering what takes it so long. This panel gathers some of the leading WebRTC independent analysts and consultants who will bring their view and market insight given their work with service providers, startups and large vendors

Moderator:

Amir Zmora, Technology Committee Chairman, **AUDIOCODES** & Independent Consultant

Panelists:

Dean Bublely, Consultant, **DISRUPTIVE ANALYSIS**
Dan Burnett, **TROPO/VOXEO**
Tsahi Levent-Levi, Founder, **BLOGGEEK.ME**
Alan Quayle, Independent Engineer
Jean-Michel Huet, Partner, **BEARING POINT**

15.30 COFFEE BREAK

WEBRTC TELCOS APPROACH

16.00 Deutsche Telekom: Technological Status, Innovation and Business Aspects



New business development topics. Relevant use cases and related business potential. Discussing white spots in the technology landscape when comparing the offering of the known vendors. Describing a WebRTC framework that can be used in addition to well-known vendor solutions.

Dr. Joachim Stegmann, R&I Director Future Communication, DEUTSCHE TELEKOM AG, T-LABS

16.20 Slovak Telekom: Real World Challenges for an Operator



Thoughts, noticeable misconceptions, experiences, real-world challenges around WebRTC from an operator's inside perspective.

Sebastian Schumann, Senior Designer, SLOVAK TELEKOM

16.40 Portugal Telecom: Going beyond IMS



Describing WebRTC experimentations and longer term Hyperty vision that goes beyond IMS.

Paulo Chainho, Senior Consultant, PORTUGAL TELECOM

17.00 Orange: Network Congestion Issues and Solutions



Explaining why previous network quality management paradigms inherited from federated communication service distribution models don't apply and proposing some tracks for new approaches.

Stéphane Tuffin, ORANGE

17.20 Telefonica TU Go - Your Phone in a Browser



Describing a solution built by Telefonica on top of FreeSwitch that provides Phone over Web application with WebRTC, addressing common caveats, such as OAuth Token based authentication, Exposing Developer friendly JS API, hiding SIP complexity, Codec interoperability, SIP to WebSocket traversal and deployment aspects.

John Neystadt, Chief Architect, Digital Communications Services, TELEFONICA ISRAEL

17.40 Telecom Italia: Anatomy of a WebRTC Telco

Early adopter experiences with WebRTC from a leading CSP WebRTC inside and outside the core network: Who are the developers? Who are the users?

Dealing with identity, signaling, «embeddability»: platform From the ubiquitous service to fail-fast, disposable apps: Focus on capabilities



Maurizio De Paola, Control Layer Innovation, TELECOM ITALIA

ROUND TABLE

18.00 The Impact of WebRTC on Service Provider Business and Organization

Defining relevant use cases and related business potential
How to monetize WebRTC services
Gateway strategies to extend legacy communication services to the web
Internal organizational changes



Moderator:
Alan Quayle, Independent Engineer

Participants:

Patrice Crutel, Senior Architect, BOUYGUES TELECOM
Enrico Marocco, Technical Lead, Service Delivery Platform, TELECOM ITALIA
Paulo Chainho, Senior Consultant, PORTUGAL TELECOM
Sebastian Schumann, Senior Designer, SLOVAK TELEKOM
Stéphane Tuffin, Expert Future Networks, ORANGE
Dr. Joachim Stegmann, R&I Director Future Communication, DEUTSCHE TELEKOM AG

18.30 END OF CONFERENCE DAY ONE

19.00 WELCOME COCKTAIL

08.00 WELCOME, REGISTRATION AND COFFEE

WEBRTC FOR ENTERPRISES

08.30 WebRTC for Enterprises: History and Use Cases



Where the technology came from, how it is being used now and the future of the technology. Discussing a series of enterprise, industry-specific use-cases for the technology. Some use-cases are in production and some are under development.

Chris Vitek, WebRTC Evangelist, GENBAND

08.50 Establishing WebRTC Ecosystem in the Enterprise IT



Discussing and suggesting tweaks to make WebRTC application development possible in an IT Voice/Video Services department where none of the staff is a developer.

Fikri Firat, GARANTI TEKNOLOJI

09.10 How WebRTC will Change the Way Enterprises Communicate



When WebRTC was first introduced by Google some have seen it as disruptive technology that will change the way we communicate. 3+ years down the road enterprise communication is still pretty much the same as we knew it in 2011. How will WebRTC impact B2B and B2C communication with the contact center or will it revolutionize the way enterprises communicate?

Paul Brittain, VP of VoIP & Multimedia Products, METASWITCH

09.30 Overview of actual WebRTC Use Cases



How they are changing the way which companies are establishing and maintaining relationships with customers, in a new B2C paradigm and changes in employee to employee communication.

- Evolution of video conferencing in the enterprise: procurement, delivery, use cases
- Evaluation of existing WebRTC use cases

- The game changer opportunity for early enterprise adopters

Kevin Pitts, Product Marketing Director – Enterprise Networks, ORACLE COMMUNICATIONS

09.50 COFFEE BREAK

CUSTOMER USE CASES

10.20 Non-Telecom Developers Experiences with WebRTC



Telecommunications is complex, telecoms people don't blink an eye at the complexity within WebRTC. But for most software and web developers, webRTC is quite complex and confusing. We'll review feedback from some non-telecom developers on their initial experiences with webRTC based on a recent developer survey. How can we make WebRTC

easier and not lose the openness and ubiquity that make it so attractive?

Alan Quayle, Independent Engineer

10.40 WebRTC Opportunities and Use Cases with IMS Infrastructures



Presenting WebRTC uses cases in full web infrastructure. Discussing examples of interesting uses cases for operators to leverage their IMS investment by adding agile innovation with WebRTC.

Michel L'Hostis, CEO APIZEE

11.00 A WebRTC Powered Travel Agency



Describing how WebRTC solved communication costs issue with a network of partners in 100 countries.

Luis Borges Quina, CTO, APIDAZE

11.20 Kite: WebRTC for External Headsets Implementation



Integrating the native device's features (such as response and hang-up) with the WebRTC browser client. The integration allows the operators to use their own device in their daily work.

Dimitri Osler, CTO, WILDIX

11.40 What's Next with Communication Services?



With Voice over LTE deployments starting in force, the shift from a circuit to an all IP communications world is finally happening. So what's next in communication services? How can this new IP foundation, together with WebRTC, help service providers innovate in communications and drive new revenues to offset the decline of basic voice and messaging services?

Gilles Duboué, IP Comms Service Innovation Marketing Manager, ALCATEL-LUCENT

DEMOS PART 1

12.00 Communication Services Innovation

- BROWSETEL
- VIDEOTON
- NG MEDIA
- MEETINGREAT
- FIWARE



12.30 LUNCH

WEBRTC SERVER SIDE AND SAAS

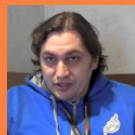
14.00 Nubomedia: the Cloud WebRTC Media Server



Introducing Nubomedia (<http://www.nubomedia.eu>), the first open source PaaS platform capable of acting as an "infinite media server". Nubomedia is a research effort funded by the European Commission.

Luis López, Grupo de Sistemas y Comunicaciones, UNIVERSIDAD REY JUAN CARLOS

14.20 Jitsi Videobridge: Advanced and Scalable FLOSS Video Conferencing



Presenting the various problems faced by a Selective Forwarding Unit (SFU) and the solutions implemented. Describing ways of achieving scalability in order to services large numbers of conferencing sessions, large numbers of participants in a session and handling participants with poor connections. Sharing difficulties faced with support for Firefox.

Emil Ivov, JITSI

WEBRTC FOR MOBILE

14.40 Challenges and Solutions



Achieving high quality real-time audio and video communication on mobile devices is hard, there are many technological challenges due to device and network characteristics. Various solutions are available for WebRTC on mobile devices, some are generic while others are more platform specific. Reviewing the challenges and possible solutions for running WebRTC on mobile devices.

Amir Zmora, Technology Committee Chairman, AUDIOCODES & Independent Consultant

15.00 How to Monetize Mobile Services



Discussing Android usages. Describing Google Glass WebRTC applications, in particular in the medical world.

Arnaud Budkiewicz, Co-founder, BISTR

TO BUILD OR NOT TO BUILD YOUR WEBRTC INFRASTRUCTURE

15.20 Panel

Moderator:
DAN BURNETT, STANDARDS PLAY

Participants
John Neystadt, TELEFONICA
Asi Elad, GENBAND
Matthew Hodgson, MATRIX
Patrice Crutel, BOUYGUES TELECOM

15.50 COFFEE BREAK

DEMOS PART 2

16.20 Communication Services Innovation

- APIDAZE
- MASHME
- QUOBIS
- MATRIX



ROUND TABLE

17.00 The WebRTC 110-meter Hurdles Race

What have you recently tried with WebRTC that didn't succeed? What were the obstacles in implementing your WebRTC service? Let's meet us and run a brain-storming race.

Host:
Stefano Gioia, Master Principal Sales Consultant, ORACLE

Moderators:
ELIAS PEREZ CARRERA, QUOBIS NETWORKS
EVA ENDRESS, OPTARE SOLUTIONS
CHRIS KING, ORACLE
KEVIN PITTS, ORACLE



MEETUP

18.00 WebRTC Paris Meetup

21.00 END OF CONFERENCE DAY TWO

08.00 WELCOME, REGISTRATION AND COFFEE

OPENING SPEECH



08.30 The WebRTC Impact on the Web

WebRTC is often through the lens of how it affects real-time communication, but it is also having a strong impact on the evolution of the Web itself. Presenting how W3C, the organization where Web standards are built and WebRTC APIs designed, views and prepares for this evolution.

Dominique Hazael-Massieux, W3C staff contact in WebRTC Working Group

STARTUP SPEED DATING

08.50 Data Channel Innovation Demos

- STREAMROOT
- VIBLAST
- PIPE
- MERA



WEBRTC INNOVATIVE USE-CASES

09.10 Non-Telecom Developers Experiences WebRTC in the Networked Society



WebRTC will play an important role in the Networked Society to make human communication possible from any device where it makes sense. Examples of applications could be a Connected Car with webRTC embedded for calling to service, or a Connected Doorbell with a webRTC video connection.

Bodil Josefsson, ERICSSON

09.40 Combination of IMS-based IPTV Services with WebRTC



Using an IMS based IPTV server MDF as WebRTC endpoint. Describing an implementation.

Kay Häsge, Research Engineer,
DEUTSCHE TELEKOM T-LABS

10.00 Live DJ Broadcasts Powered by WebRTC

Untld.fm is a web broadcasting service that has uses WebRTC as its core technology. While Audio and Video streams are broadcasted using one-to-many connections over webRTC, the interactive features rely on the Data Channel.



Yannick Gouez, co-Founder, UNTLD.FM

10.20 COFFEE BREAK

10.20 COFFEE BREAK

TECHNOLOGY ISSUES: WEBRTC 2.0, ORTC

10.40 Comparing ORTC and SDP

Focusing on the differences between SDP and ORTC and using some simple examples of applications which could take advantage of ORTC compared to the current implementation based on SDP.

Antón Román Portabales, CTO, QUOBIS

11.00 Matrix: the Missing Signalling Layer for WebRTC?



Matrix is a new non-profit Open Source Project that defines both a new HTTP-based standard for VoIP & IM signalling and provides reference implementations. Architecture discussion of Matrix. Demo. Further thoughts.

Matthew Hodgson, MATRIX

11.20 Congestion Control and Performance Monitoring in WebRTC

Talking about congestion control, meaningful congestion indicators, Diff-Serv markings chosen for WebRTC, and lastly, the impact of AQM and cross-traffic on the performance of the multimedia congestion control.

Varun Singh, CALLSTATS.IO

11.40 Identity Management in WebRTC



In Web Communications the identities of communicating parties can be managed in a number of ways. Discussing the interdependence of identity management frameworks, trusting relationships and the achievable user privacy properties to conclude that the current state of the art leaves apart some user privacy needs.

Emmanuel Bertin, ORANGE

12.00 Announcement of Award Winners



12.30 LUNCH AND END OF THE CONFERENCE



Located on the renowned Parisian 'Left Bank', close to Montparnasse, the Latin Quarter and Saint Germain des Près, the hotel is only 5 minutes from the Boulevard Peripherique (the city's ring road). Moreover, it is easily accessible by train and airport transfers. The hotel's 757 Guestrooms & Suites offer you a bird's-eye view of Paris, whilst our latest technology equipments provide everything you need to work. Every room boasts a connectivity panel, linking all your digital tools to the flat-screen TV, a highly secure WiFi connection, and a large desk with an ergonomic chair.

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DATES AND VENUE

16/18 December 2014

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Substitution of delegates is permitted at any time and at no extra charge.

For all registrations cancelled before the 16th of November 2014, the registration fee will be refunded in full. All registrations cancelled between the 16th and the 30th of November, 2014 are subject to a € 250 administration charge.

Registration fees for cancellation received after the 30th of November 2014 must be paid in full.

All notice of cancellation must be received in writing.

CONFERENCE PROGRAM MODIFICATIONS

Upperside reserves the right to make any necessary changes to the program. Every effort will be made to keep presentations and speakers as represented. However, unforeseen circumstances may result in the substitution of a presentation topic or a speaker.

CANCELLATION OF THE CONFERENCE

Payments will be refunded if the conference is cancelled by the organizer.

WebRTC Paris 2014 Conference Registration

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