Web Telephony Challenges

While the WebRTC protocol is designed to enable simple peer-to-peer web communications, for WebRTC to become a widely used communications technology, sophisticated server-side applications must be developed to address: Application control and synchronization during network changes and browser to browser page reloads whenever needed.

Rapid application integration with existing systems Identity management between multiple devices and across web and telephony domains Border and application security to prevent attacks and service abuse High capacity media handling for NAT traversal, encryption, and transcoding Robust, fast, clear and dynamic interworking with existing secured infrastructure.

Solution Overview:

Webcall UK Company & DEV LAB in Belgrade Serbia has created the Webcall Communications WebRTC-based Session Controller to address these challenges and provide a foundation for innovation.

The Webcall Pro Software Communications WebRTC Session Controller is a highly available, carrier grade solution designed to enable rapid development and deployment of powerful and differentiating WebRTC applications.

Communications with WebRTC Session Controller is based on proven technologies from Webcall.Pro Communications service delivery platform product. It brings carrier grade network capabilities into the web domain enabling CSPs and enterprises to create a new form of high quality clear voice and privacy communications for their users and staff.

Summary.

Using WebRTC, CSPs may create new web-based communication services and extend existing services to WebRTC-based clients.

Enterprises can extend access to their UC and Contact Center Communications infrastructures to mobile users. The distinctive advantages of the Webcall Communications Web Session Controller provides reliability, interoperability, and security.

The Webcall Communications WebRTC Session Controller reliably maintains an active session through browser anomalies or network failures. It incorporates web-based security standards providing network security, authentication, and authorization.

Interoperable between WebRTC and SIPEX10

With a focus on interoperability, the Webcall WebRTC Session Controller provides signalling, IP URL and Media interworking engine to support large scale, reliable interoperable, universal modern communications.

Web Call Doo Beograd – http://webrtc.center
A **TMC** – WebRTC World Award Winner of WebRTC product of the year 2015

http://www.webrtcworld.com/topics/newsfeed/articles/399986-tmc-announces-2015-webrtc-product-the-year-award.htm