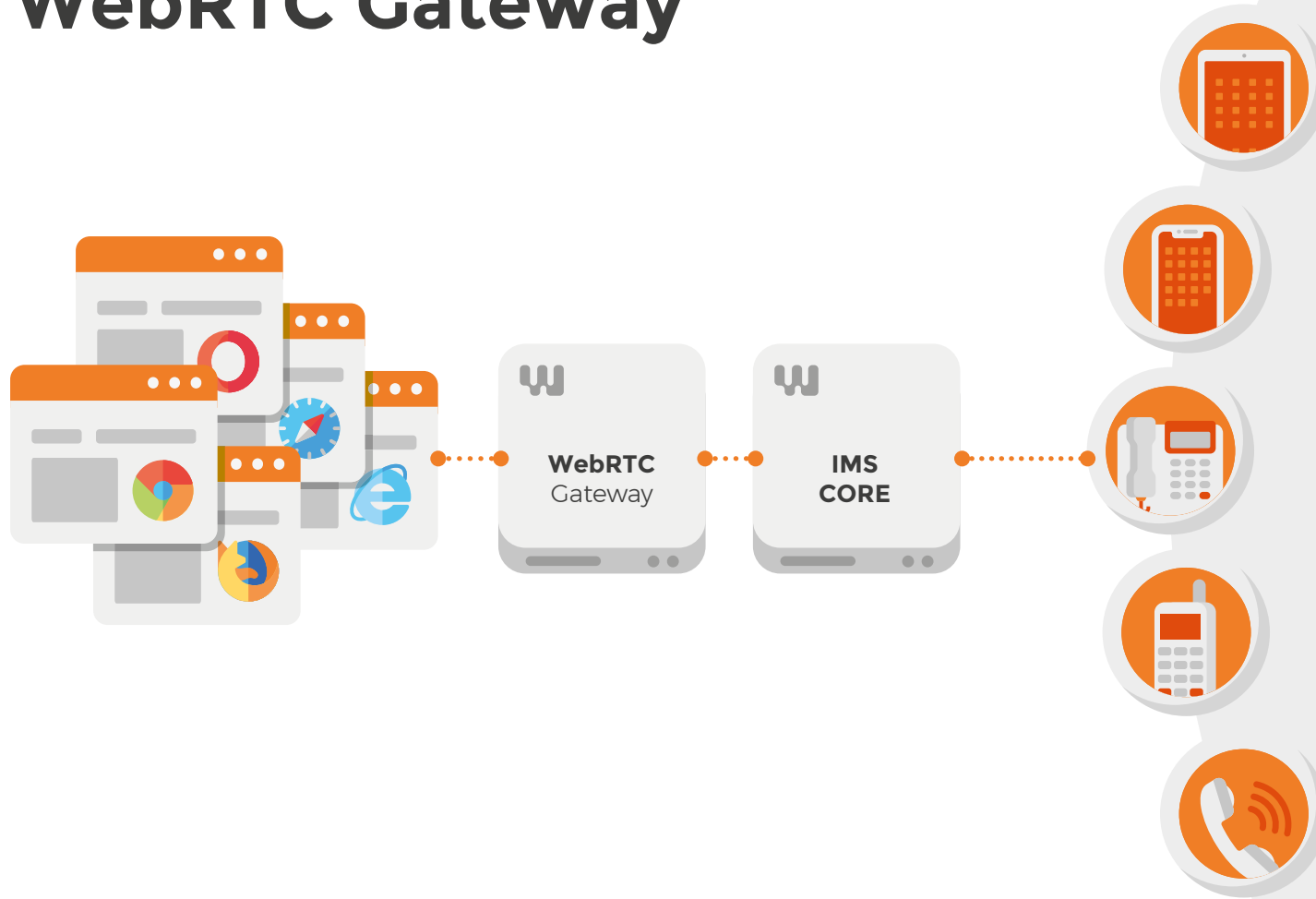


# **WIT** **WebRTC Gateway**

**Real-time  
communications  
in all browsers**

[webrtc.wit-software.com](http://webrtc.wit-software.com)

# WebRTC Gateway



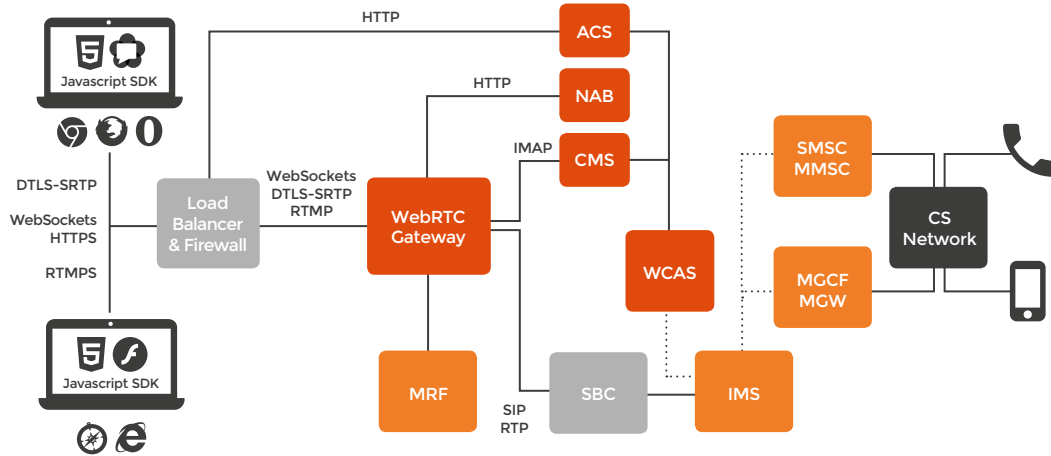
## WebRTC Gateway: Highlights

- Bridge Web and SIP/IMS World.
- Hybrid Architecture (HTML5+WebRTC+Flash).
- Solve the issues with NAT/Firewalls.
- Javascript SDK for 3rd party developers.

## Benefits

- Zero footprint.
- Short turnaround time on WebRTC browser updates.
- Abstracted from Telco infrastructure for agility and flexibility.
- Available with a set of WebRTC Apps.
- Virtualization ready.

# Deployment Scenarios



**WCAS** WIT Communications App Server  
**NAB** Network Address Book

**ACS** Auto-Configuration Server  
**CMS** Common Message Store

## Integration with CS and PSTN Networks

The integration with mobile and fixed networks allows the full convergence of communications, by providing the seamless break-out and break-in of calls and SMS messages. Communications get fully ubiquitous.

## IMS is not mandatory

WIT WebRTC Gateway supports standard SIP and can be integrated in an IMS network or in pre-IMS infrastructure.

## Secure protocols

WebRTC Gateway is protected by a Load-Balancer and Firewall and makes use of all the standard protocols and policies to provide secure and private communications.

## End-to-end Solution

WIT also provides other components for a complete solution:

- WebRTC Applications.
- RCS Application Server.
- Auto-Configuration Server.
- Network Address Book.
- Common Message Store.

# Javascript SDK

## Works in all Browsers

- Avoids the existing segmentation in the WebRTC market.
- Hybrid architecture supporting WebRTC specification and Adobe Flash.
- All browsers in the market can be reached.

## Javascript SDK for 3rd party developers

- Simple API to connect to the WIT WebRTC Gateway.
- Abstracts the differences between browsers.
- Abstracts WebRTC details.
- Includes Flash component to enable fallback support.
- Virtualization ready.



# WIT Web Communicator

## Discovery and Contacts

- Auto-Configuration over Wi-Fi.
- Network Address Book.
- Contact discovery using SIP Options.

## Messaging

- 1-to-1 Chat & Group Chat.
- Emoticons and Emojis.
- Delivery Notifications.
- Store and Forward.
- Message sync using CMS.
- SMS over IP (IR.92).

## Calls

- HD Voice & Video Calls.
- Call history across browsers.
- Call Hold.
- Call upgrade/downgrade.
- Video Orientation.

## Sharing

- File Transfer in Group Chat.
- File Transfer Store and Forward.
- Bots Discovery & Subscription.
- Sticker Store Integration.
- Screen Share.

# WIT Web Companion

## First step into multi-device

- RCS on desktop browsers.
- Simple pairing between RCS App and web page using QR code.
- Allows file sharing from/to desktop storage.
- SMS & Calls managed on desktop device.
- Notifications synchronization.
- Allows interaction with Chatbots.

## Why should you launch Web Companion?

- Your clients will have a multi-device approach.
- Quick authentication with QR Code to move communications to the browser.
- Zero friction to integrate on current network.
- Without investment and changes on your network.



# Use-Cases and Applications

## Collaboration

- Web Conferencing.
- Screen sharing.

## Enterprise Endpoints

- Conference calls.
- Call transfer.
- Enterprise directory.
- Advanced call features.

## Web sessions for off-net users

- Voice and video calls.
- Chat and File share.
- Screen and video share.

## WebRTC Voice

- Available as Chrome extension.
- Extend phone to browser.
- Call directly from web pages.

## Click to Call

- Personal link (e.g. call-me link).
- Reverse charge calls.
- Business call links (e.g. call the office).
- Customer care calling from a Web page.

## Remote Assistance

- Web App + iPad App.
- Remote screen sharing.
- Remote coach-marks (draw on user screen).
- Voice and Video Calls.

# Rationale

## WebRTC Gateway & Web clients

- End-to-end Solution for real time communications.
- Bridging the gap between the Web and Telco worlds.
- Helping Telecom Operators to leverage new services from a web-browser.

## Why should you launch WebRTC?

- WebRTC is a platform to create innovative services.
- You can connect millions of off-net Internet users with your network.
- You can create more revenue streams with voice & video embedded in Web Apps.

## Why is this relevant for Telecom Operators?

- Leverage the potential of connecting millions of Internet users with telco networks.
- A simple API for 3rd party innovation on top of IMS.

# Why WIT?

- WIT is fully committed to the evolution of RCS delivering Apps, Application Servers, and focusing on providing Innovation with great User Experience.
- WIT rapidly adopts new messaging trends and delivers them to market quickly providing new products such as WIT A2P&Bots Gateway and WIT Bot Engine.
- WIT complies with GSMA Accreditation, to guarantee interoperability and smoother RCS deployments.
- WIT is a trusted partner of some of the world's leading tier 1 operators, with strong engineering background and over 17 years of experience in IP Communications.



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