World Leaders in the design, delivery and execution of

*Embedded Communications*

Solutions using Web Real Time Communications (WebRTC)

WebRTC Asia Forum - 21st, 23rd January 2014
Temasys

- Temasys top tier WebRTC provider with Global Enterprise Infrastructure Stack.
- High performance clients and deployable WebRTC infrastructure
- Has large scale deployments (up to 50 million users) in current order book
- Voted “Most Innovative Company” and “Best Conferencing Solution” at WebRTC Expo, Atlanta, June 2013 / Santa Clara, November 2013
- Member W3C and IETF

(*) InfoComm Development Authority and Media Development Authority of Singapore. Awarded grant funding under the Accelerating Commercialization of Technology Program after a competitive and rigorous Due Diligence
What lies ahead

The frictionless society

• Google took friction out of information retrieval
• Netflix took friction out of movie acquisition
• Facebook took friction out of finding friends
• Twitter took friction out of broadcasting

• WebRTC takes friction out of voice and video communications
Where are we today?

This is where money is made

Remember the numbers, not the percentages
By end 2016 there will be 4bn WebRTC enabled devices in the hands of users and by end 2016 over 3.0bn internet users every day.

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WebRTC – what is it?
WebRTC – is clever code in a browser

A Browser is an (1) application that downloads, interprets and renders the web page (2) has a multiplicity of functions enabled by libraries / code

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WebRTC – is clever code in a browser

Web Real Time Communications is a standardized feature (API) in the browser
- Enable real time communication from within the browser (no Flash, no plug in)
- A unique set of Libraries and Files to reach to web server, signaling server, utilize codec, reach to hardware (e.g. webcam, etc.)

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And deals with
• bandwidth management
• Codec management
• Security management
• Connection
• Streaming
In a standardized way for everyone, and is automatically kept up to date with consistent version control
WebRTC – is clever code in a browser

Can develop and extend to multi party
WebRTC – very clever code
WebRTC - just a slice of pizza?

Web Real Time Communications

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WebRTC – a slice of pizza?

IE and Safari (for now)
Consistency across all “browsers”
Something else has just become boundless

The slice of TEMASYS pizza is automatically updated across the world every night so all is consistent across our infrastructure.
Something has just become boundless

A “pure” WebRTC
Interconnected communications ecosystem that
Is always current
and always compatible
Business Implications
What can I do?

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Large communities are now viable with no special apps.
Large communities are now viable at higher quality, more versatility, low cost
Must be easy then, open sourced code – anyone can do it
How big is it?

WOW – look what I can do, so quickly
How big is it?

Solid Roots,
Global architecture,
Deep Infrastructure -
then grow and support
full portfolio clients

WOW – look what I can
do, so quickly
How big is it?

WOW – Can do so much

$1.8m and counting

Solid Roots
Deep Infrastructure
then grow and support
full portfolio clients
 Legacy and now

Legacy

- Walled garden
- Hardware centric
- Limits of adaptability
- Limits on scalability
- Limits in agility
- API limits

WebRTC

- Open - community based
- Reach outside community at will
- Client always current / server re-scale and functionality
- Limitless in application
- Limitless on scalability
- Highly agile
- Cost efficient
Welcome to the journey

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By end 2016 there will be 4bn WebRTC enabled devices in the hands of users and by end 2016 over 3.0bn internet users every day.
Thank you

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