

Transitioning to an all IP world - What are the carriers doing about it ?

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international ip interconnection



A brief history of the i3 Forum

- Founded in 2007, went public at ITW 2008
- Now 27 carriers serving over 1.5 billion people in 100+ countries
- Together we carry 80% of the world's int'l voice traffic
- Focus : International Interconnections
- Mission : Making it easier for all carriers to transition to an all-IP world



international ip interconnection



What's our story ? Bringing answers to your questions

- Multiple pressures on all of us to transition to IP - it **will** happen!
- When and how to move from a world that works to that New World?
- So many questions, so few answers...
 - What technology choices should I make?
 - What should I invest in and when? Will it work with other carriers?
 - What happens to my existing business? What are the opportunities I should grab?
 - What about Quality? And Security?
 - How do I go about migrating my existing intercos?
 - Do I need to re-invent the wheel with all my partners?
- This is when the i3 Forum steps in
 - We develop collaborative recommendations for an industry-wide transition of voice and related services to IP, focusing on carriers interconnection as an enabler for end-to-end services

Pragmatic, down to earth, open approach


- Carriers working for the industry : concrete, focused and fast-paced
- Open, forward looking, relevant to all players – no One Size Fits All
- i3 Forum members to implement their own recommendations independently to complement their corporate business plans
- i3 Forum is not a standardization body
- i3 Forum is not a commercial alliance
- We liaise with other industry bodies and standardization organizations including GSMA and IPIA, MSF, ETSI, PPM...
- i3 Forum is not incorporated, no fees required to join!

We have delivered...

- Developing recommendations for a smooth and efficient transition to IP for the benefit of the industry
- Phase 1 (June 2008) : focus on Bilateral Voice
 - Service definition, managing Security and QoS
 - 5 Interconnection models (private and public, including over the Internet)
 - Recommendations on Signaling & Codecs
 - Templates for Interoperability Test Plan and Interconnection Form
- All our deliverables are 100% public, visit www.i3forum.org

...we deliver again...

- Phase 2 (June 2009) : Improve Phase 1 and Expand
 - Enhancements to Phase 1
 - More services and models
 - Joint work with GSMA / IPIA : making Voice over IPX work



Learn more at
our Info Session
this afternoon

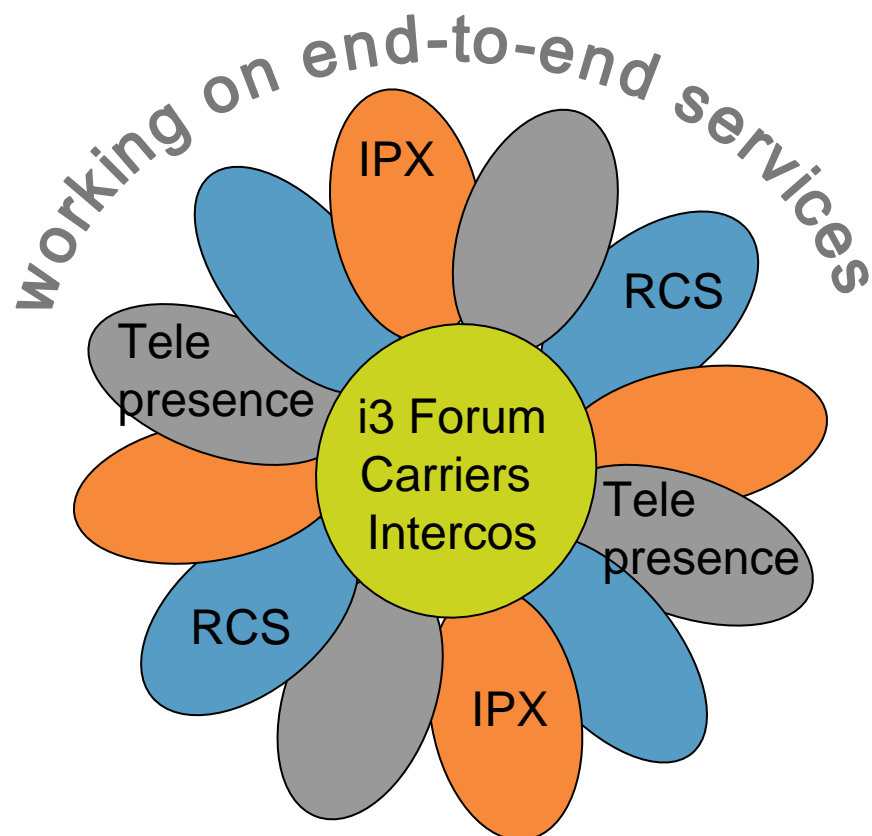
Services & Business	Technology	Migration & Ops
Migrating TDM Services <ul style="list-style-type: none">a) Ring back tone, Fax, ISDN services...b) Enabling quality SLAs across several carriers: need for common KPIs Voice Over IPX	Enhanced Phase 1 Models <ul style="list-style-type: none">a) Support of Sigtran for Mobile applications, management of Ringback tones & ISDNb) Mapping of ISUP to SIPc) Enhancements of Media (codes) & QoS sections Voice Over IPX	Help efficient Migration <ul style="list-style-type: none">a) Standardized methodologyb) Interconnect Form for ease of service turn-upc) Interconnection Test Plan

... and will deliver more!

- Phase 3
 - More on Voice
 - Wideband Codecs
 - Signaling
 - Compression
 - Quality of service (full IP, TDM to IP and IP to TDM)
 - Routing & Addressing
 - ENUM
 - Number portability
 - Routing information
 - Service information
 - Fraud & Security management
 - Operational Processes
 - Migration (TDM to IP, H323 to SIP...)
 - Fault management, trouble ticketing
 - Provisioning, order management
 - More Services :
 - Interconnection and interoperability of Telepresence and HD video conferencing

Working for and with the industry!

- Flower Power



Learn more about us - and stay tuned !

- Attend our Information Session @ ACC

Date: Thursday 10 September

Time: 2.30pm – 5.30pm

Location: Jasmine Room,
Lobby Level

The screenshot shows the i3 forum website homepage. At the top, there is a navigation bar with the i3 forum logo and icons for HOME, ABOUT, LIBRARY, NEWSROOM, and CONTACT. A MEMBER LOGIN section is also present with fields for Email and Password, and a GO button. Below the navigation bar, the main heading reads "WHERE INTERNATIONAL, IP AND INTERCONNECT MEET." followed by a paragraph describing the forum's mission. A "LATEST NEWS" section features a news item about the 2009 International Telecoms Week (ITW) in Washington, DC. To the right, there are two sidebars: "NEWSROOM" with a list of recent news items and a "MORE" button, and "LIBRARY" with a list of documents and a "MORE" button. At the bottom, there is a row of partner logos including CATIONS, OPERATIONS, and Telecom.

- Visit www.i3forum.org

- For more information on the i3Forum
- Additional documents to be released during the course of the year

Thank You !