

# Transitioning the Industry to IP

## Taking our future in our own hands



**Philippe Millet – Chairman, i3forum**

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# A brief history of the i3forum – a huge success!

- Founded in 2007 by 8 members, focus on International Interconnections
- Now 43 diverse carriers serving 2 billion people in 100+ countries
  - Latest members: **Chunghwa Telecom, MTN, GTS and HGC**
- Together we carry 80% of the world's Int'l voice traffic
- Mission : Making it easier for all carriers to transition to an all-IP world



international ip interconnection

[www.i3forum.org](http://www.i3forum.org)

i<sup>3</sup> forum 

# An Inclusive Mission

No one size fits all approach

Not a standards organization or commercial alliance

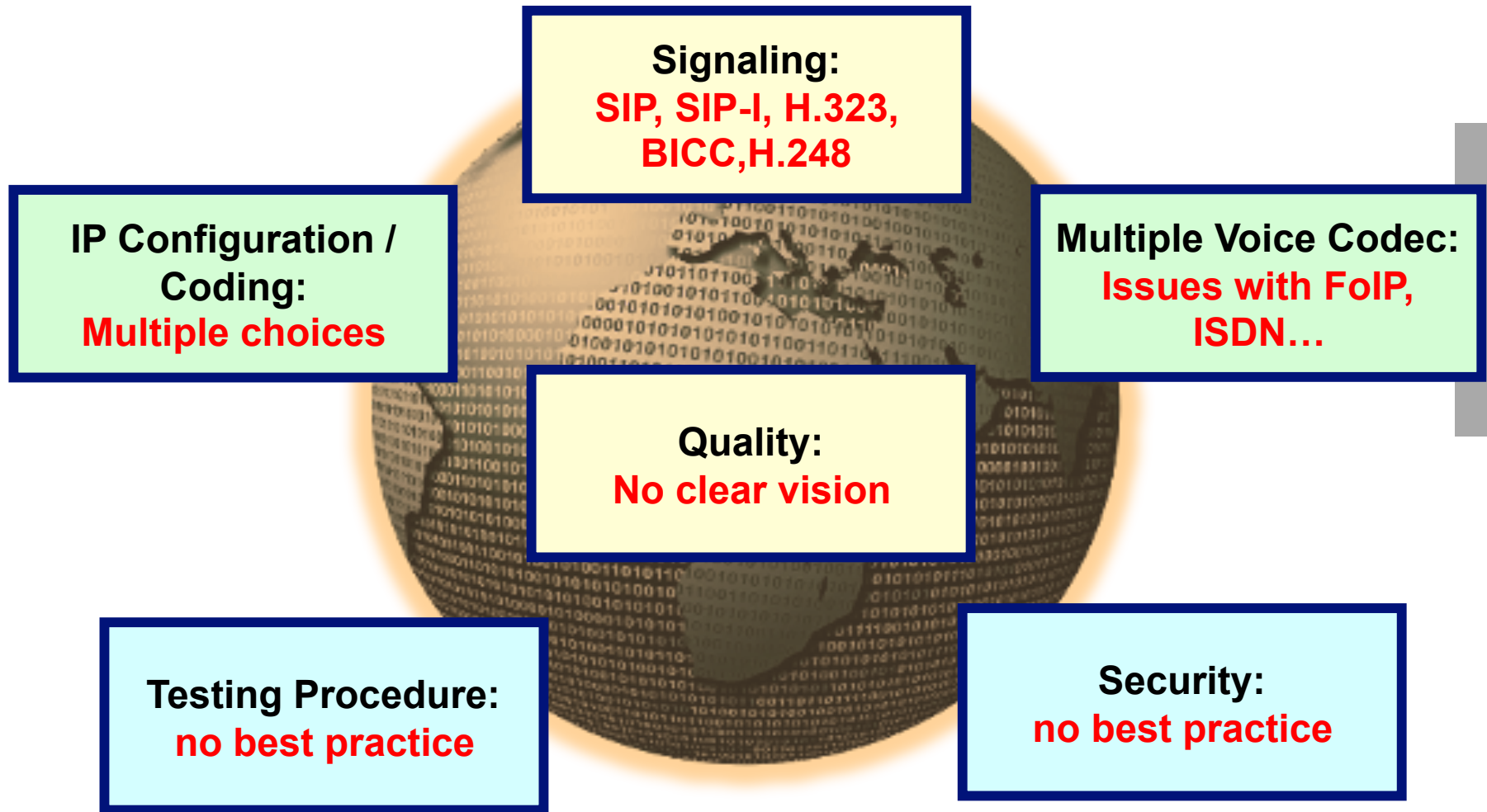
Cooperation with industry bodies: GSMA, 3GPP...

All deliverables publicly posted on our website

Recommendations are implemented independently

No fees to join

# The Voice over IP world in 2007/08



**Too many choices, no clear path forward, no best practice**

# Top 5 Topics on Our Agenda

## Looking into Technology, Business, Operations, Fraud ...

- 1 Defining technical and service models for IP voice, legacy products (fax...) and new services
- 2 Guaranteeing safe and reliable communications
- 3 Managing increased routing and addressing complexity (ENUM...)<sup>o</sup>
- 4 Defining Quality of Service & how to measure it
- 5 Meeting service provider requirements within IPX and other converged frameworks (incl. early work on LTE)

**... and making a difference as a catalyst for the transition to IP**

# The Voice over IP world in 2011

**Voice over IPX**  
**Technical Specs.**  
**Analysis market offers**

**Routing & Addressing**  
**White paper in 2010**  
**SPID Requirements**

**IP Configuration /  
Coding:**  
**Private / Public**  
**Configurations**

**Signaling:**  
**SIP, SIP-I**  
**ISUP/SIP, SIP-I mapping**

**Multiple Voice Codec:**  
**Rec. Voice Codecs**  
**Guidelines for FoIP Interc.**

**Quality:**  
**KPIs**  
**and measurability**

**Testing Procedure:**  
**Migration Interc. Form**  
**Interop. Test Plan**

**Security:**  
**White Paper in 2011**

**Pragmatic guidelines for the Industry's transition to IP**



# Learn more about us - and stay tuned !

The screenshot shows the i3 Forum website homepage. At the top left is the i3 forum logo with the tagline 'International IP Interconnection'. To the right are navigation icons for HOME, ABOUT, LIBRARY, NEWSROOM, and CONTACT. A 'MEMBER LOGIN' section includes fields for Email and Password, a 'GO' button, and a link for 'Forgot your password?'. The main content area features a large blue heading: 'WHERE INTERNATIONAL, IP AND INTERCONNECT MEET.' Below this is a paragraph describing the forum's mission. A 'LATEST NEWS' section contains a news item about the 2009 ITW event. To the right, there are sections for 'NEWSROOM' and 'LIBRARY' with lists of recent articles and documents. At the bottom, there are logos for various international telecommunications operators.

## Upcoming events at **ITW 2012** (May 16 & 17, Chicago, IL)

- **IP Migration Kick-Off**  
Where carriers meet to discuss and speed-up migration to IP
- **3rd Annual Conference**  
150+ professionals gather to learn about migration to IP and shape the future

## Visit [www.i3forum.org](http://www.i3forum.org)

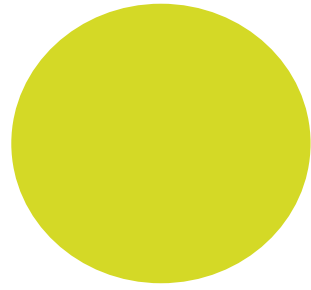
- For more information on the i3Forum and its publications
- Additional documents to be released during the course of the year

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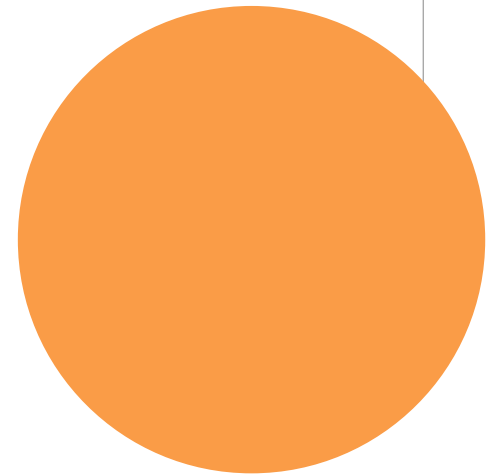
[www.i3forum.org](http://www.i3forum.org)

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Thank You !



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