The Future is All IP
Let’s Make It Happen Together!

i3forum 3rd Annual Conference
Philippe Millet – Chairman, i3forum

May 17, 2012
Chicago, IL
i3forum CEO Round-up @ ITW 2011 & 2nd Annual Conference – Putting Faces on Names
Together we need to bring about the IP Future!

- Multiple reasons to transition to IP - it is happening NOW!
  - Technology: TDM end-of-life, Capacity management, Vendors’ roadmaps
  - Economics: Cost reduction, Agility, Green
  - Business: New retail services, Wholesale opportunities, Strategy of peers

- Industry has to get to the “other side” fast to reap benefits of all-IP world

- When and how to move from a world that works to an IP New World?
  - Not “plug and play”…..

- Many questions, few answers…
  - What technology decisions should I make?
  - What should I invest in and when? Will it work with other carriers?
  - What happens to my existing business? Where are the new opportunities?
  - What about Quality? And Security?
  - Do I need to re-invent the wheel with all my partners?

- That’s where we step in - Carriers Interconnects are key to end-to-end services
  - We need to make it happen together
A brief history of the i3forum – a huge success!

- Founded in 2007 by 8 members, focus on International Interconnections
- Now 46 diverse carriers serving 2 billion people in 100+ countries
- 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

Latest member: Sunrise

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An Inclusive Mission – To make a difference

- No one size fits all approach
- Recommendations are implemented independently
- No fees to join
- All deliverables publicly posted on our website
- Cooperation with industry bodies: GSMA, 3GPP…
IP Migration Kickoff - Helping the industry get in motion

- Multiple parallel bilateral meetings dedicated to IP migration

- **90+ registered participants**: Network Planning, Engineering, Operations, Product Marketing, Management…

- **30+ Countries** United States, Canada, Norway, France, Italy, Belgium, Germany, Italy, Japan, Hong Kong, Singapore, United Kingdom, Taiwan, Canada, Greece, Sweden, Australia, Philippines, Jordan, Bolivia, Lebanon, Romania, Japan, Uruguay, Spain, Malaysia, India, Bangladesh, Moldavia, Latvia, Uruguay,


- **Survey**: 60 respondents

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Testing the waters... Strategy

- 63% have a clear, aggressive IP migration strategy
- 25% don’t really have a migration strategy

60 respondents - Participants in the IP Migration Kickoff Session at ITW 2012

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- Clear strategy to keep TDM as long as possible, will migrate only if absolutely required by customer: 5%
- Still considering it, no specific/clear plan yet: 8%
- Open, but not a priority: 12%
- Opportunistic approach, will consider migration to IP on a case-by-case basis: 12%
- Aggressive strategy in place, looking for ways to accelerate migration to IP: 63%
Testing the waters… Readiness

- Well advanced, significant live traffic already over IP, aggressively pushing for migration (39%)
- 61% already have live voice traffic on migrated IP interconnections
- Already started, some live traffic on IP, significant number of migration projects ongoing (22%)
- Recently started, some migration projects under way (12%)
- Getting ready, but no (or very few) migration projects started (8%)
- Haven't really started yet and/or not ready or willing (10%)
- No answer (7%)

60 respondents - Participants in the IP Migration Kickoff Session at ITW 2012
Testing the waters... Timeline

- Under two years: 37%
- Three to five years: 34%
- Between five and ten years: 2%
- More: 3%
- No specific timeline / not sure: 24%

71% shoot for less than 5 years to have migrated “80%” of their interconnections

60 respondents - Participants in the IP Migration Kickoff Session at ITW 2012
Expected Benefits of IP Migration

- Economic Drivers come first
- Wholesale Business Opportunities

60 respondents - Participants in the IP Migration Kickoff Session at ITW 2012 (multiple answers)
Perceived Challenges of IP Migration

- Interoperability / Standards still major issues
- Cost and Complexity
- Managing Quality of Service a challenge

60 respondents - Participants in the IP Migration Kickoff Session at ITW 2012 (multiple answers)
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…°)
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
Learn more about us - and stay tuned!

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

**Upcoming event at Capacity Eurasia**

**Technical Workshop**

**International IP Interconnection**

**Date:** Monday 17 September 2012  
(Pre-Capacity Eurasia 2012)

**Time:** 9.00am - 5.30pm

**Location:** The Marmara Taksim Hotel, Istanbul
Thank You!