IP and IPX migration working group

MAY 12TH, 2016

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Working Group
"Finalize the transition to IP/IPX"

Title: Finalize the transition to IP/IPX

Definition: Several Associate members are still in the transition and probably don't take advantages of all the documents and info that i3Forum produced till now. They also may not have a clear picture of the world situation for IPX

i3 Forum's role: Support the transition in a more efficient way

Expertise requested: Basic Knowledge of IP/IPX interconnexion , public relation, webmaster

Way of working: Single short Conference Call or group of Carrier Regionals/Nationals meetings.

People involved: 3 Sterco member

Target date: 31/12/2015

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Working Group Scope

To get in touch with all official i3 Forum Carrier Members contact point and verify where they are in the transition , trough a simple questionnaire .

After having a clear picture of the i3Forum Community evaluate at Interim Board level, which actions can be proposed to the single member in order to help them to go trough the transition (if previously agreed with the single Member) or just take note where everybody is and finally have a world IPX Map (Termination IPX Compliant).

All this information then could be shared among members to reinforce the "i3Forum community sense"

Renew the style of the website and take in to considerations all the existing media we can utilize to foster the Community (tweet, instagram, linkedin, etc..)

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Associate Carrier contribution

- 18 of the 55 Associate Carrier asked to participate with their representatives at the Working Group

- 36 participants are officially registered at the Working Group

- 6 Conference Call

- 1 Face to Face meeting gently hosted by Orange

- Strategic partnership with HOT TELECOM

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SURVEY RESULTS
IP and IPX migration

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Survey details

Objectives

- Take a snapshot of the migrating to IP/IPX
- Understand the strategy and the transition plans & timeline
- Acquire an understanding of the underlying drivers, the difficulties & concerns
- Understand how the i3forum has helped and what it should do to accelerate the transition

Structure

- Survey 1: i3forum support
- Survey 2: IP and IPX migration

Respondents

- Survey 1: 48 people
- Survey 2: 18 companies
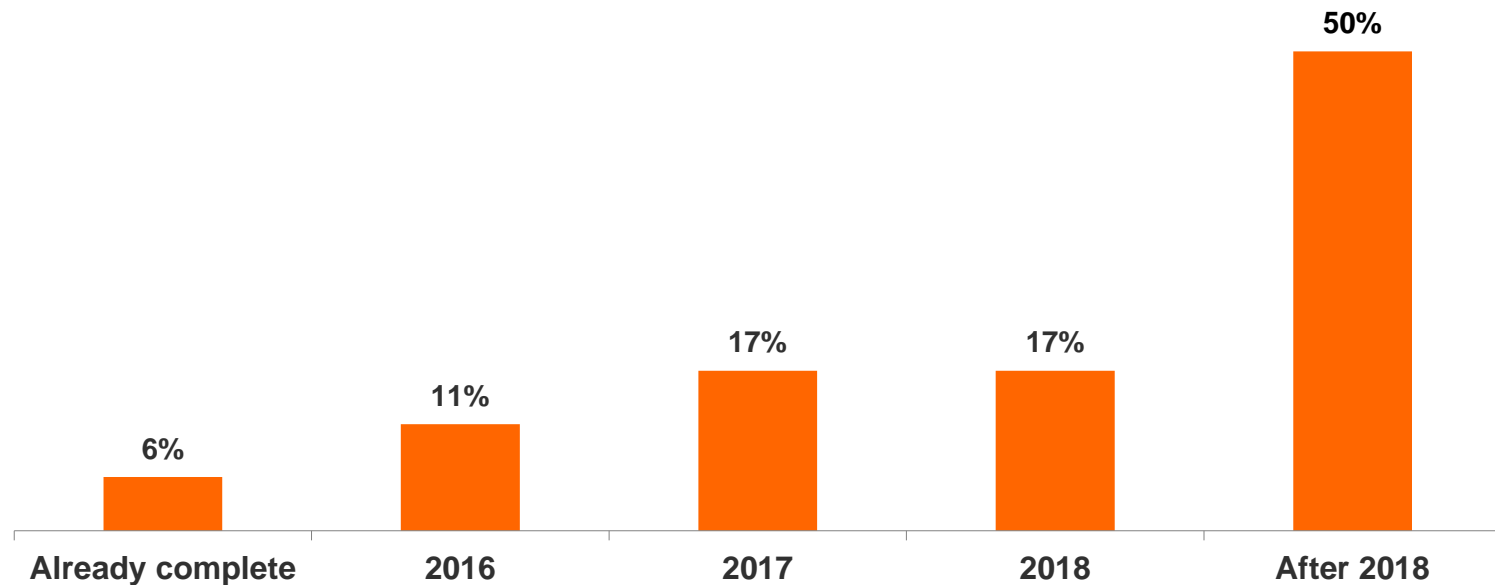
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Migration status

Status of migration to IP

Time frame migration of international voice wholesale carrier interconnects to IP

Already complete	2016	2017	2018	After 2018
6%	11%	17%	17%	50%

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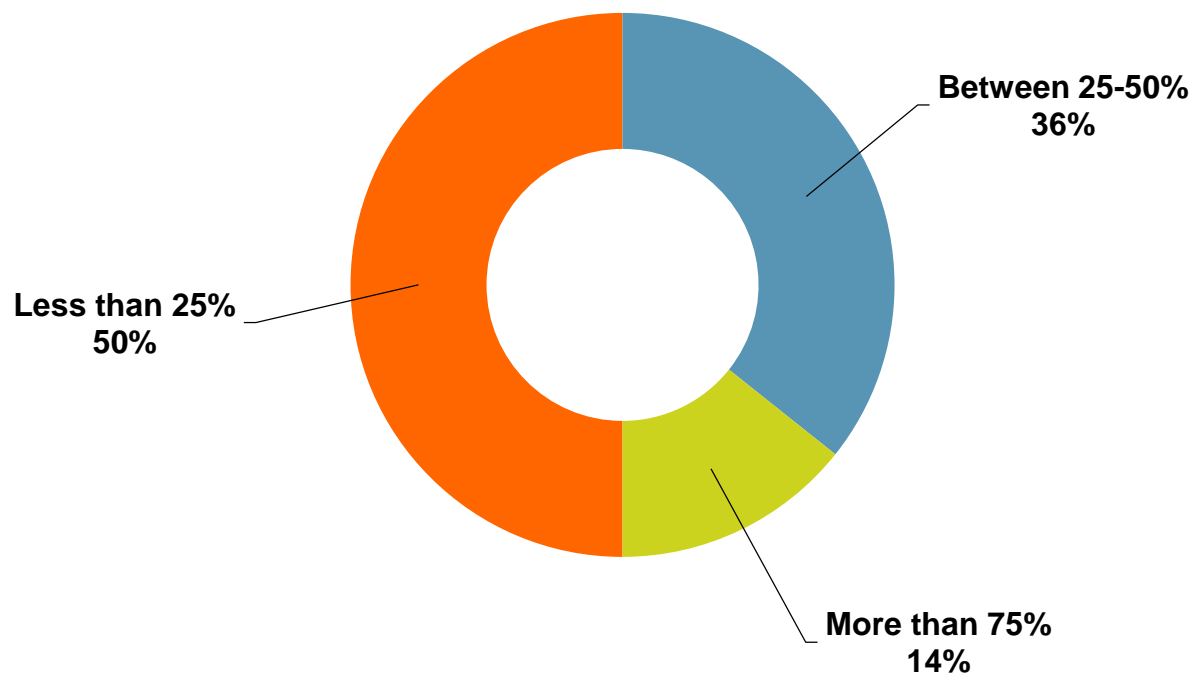**60%** still have over half of their international interconnection using TDM

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Status to migration to IPX

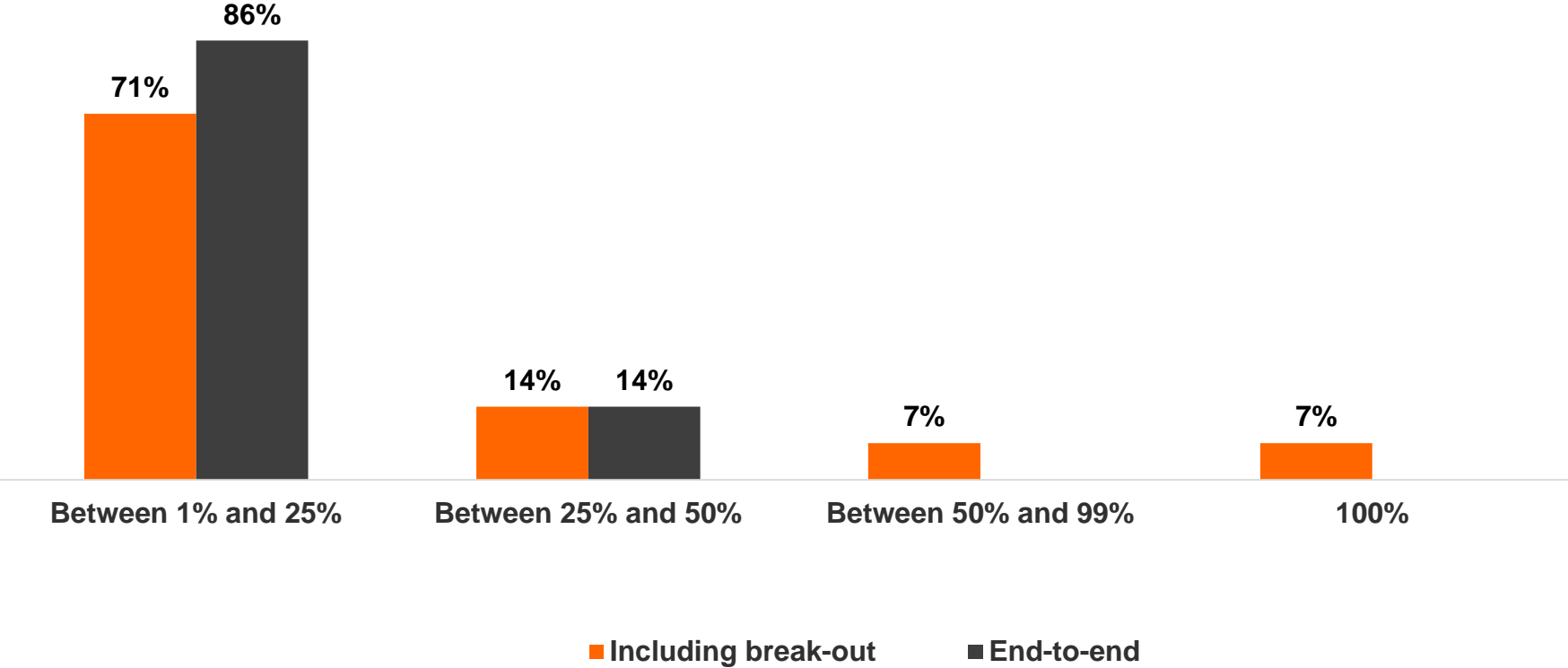**Ratio of service provider customers connected onto your IPX (by customer count)?**

Between 25-50%
36%

Less than 25%
50%

More than 75%
14%

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Status to migration to IPX

How much of your voice traffic is transported over your IPX platform?

Bar chart with categories:
- Between 1% and 25%: Including break-out 71%, End-to-end 86%
- Between 25% and 50%: Including break-out 14%, End-to-end 14%
- Between 50% and 99%: Including break-out 7%
- 100%: Including break-out 7%

■ Including break-out   ■ End-to-end

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Status to migration to IPX

Estimated end-to-end VoIPX traffic growth
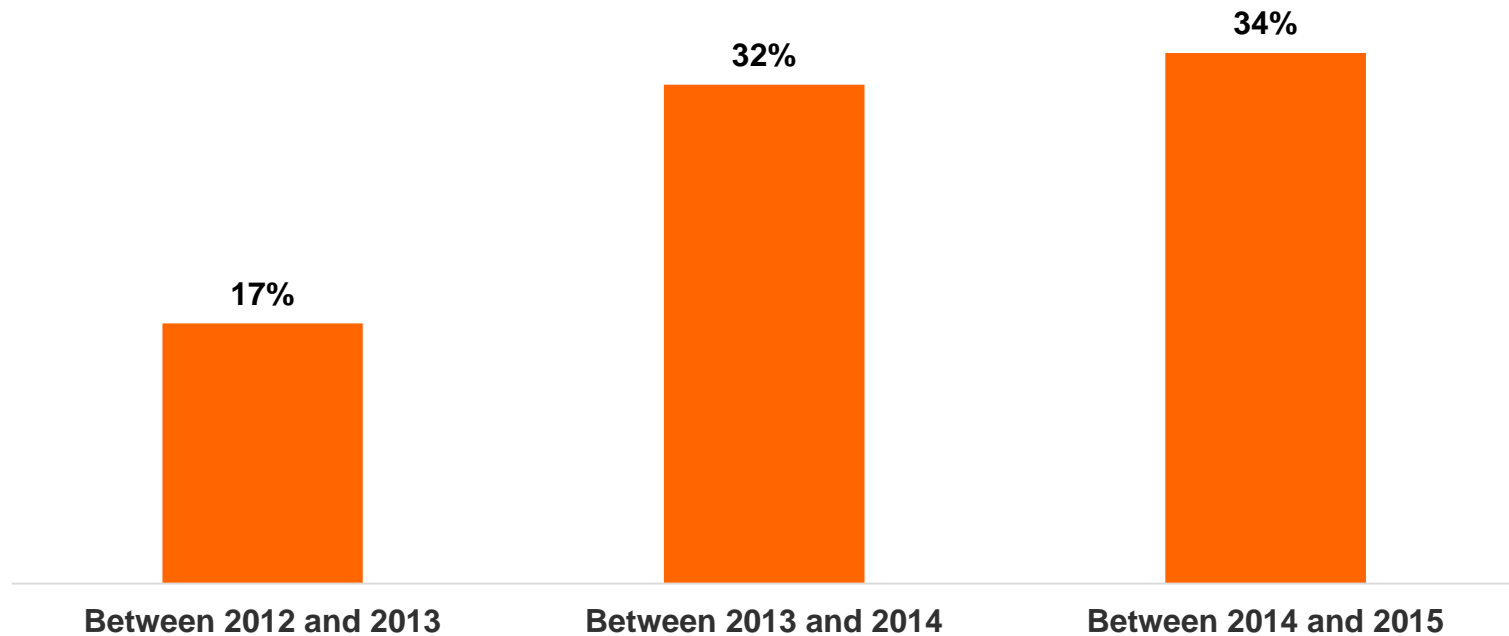
Between 2012 and 2013	Between 2013 and 2014	Between 2014 and 2015
17%	32%	34%

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Migration issues

Ease of migration to IP

Main obstacles to the migration to IP

Obstacle	Percentage
Current market uncertainty	6%
Unclear product definition - Lack of understanding	6%
Limited skill sets internally	13%
No clear business case	19%
Concerns with quality and security	31%
Reluctance to decommission TDM network	44%
Complexity of migration	50%
No interest from customer	63%
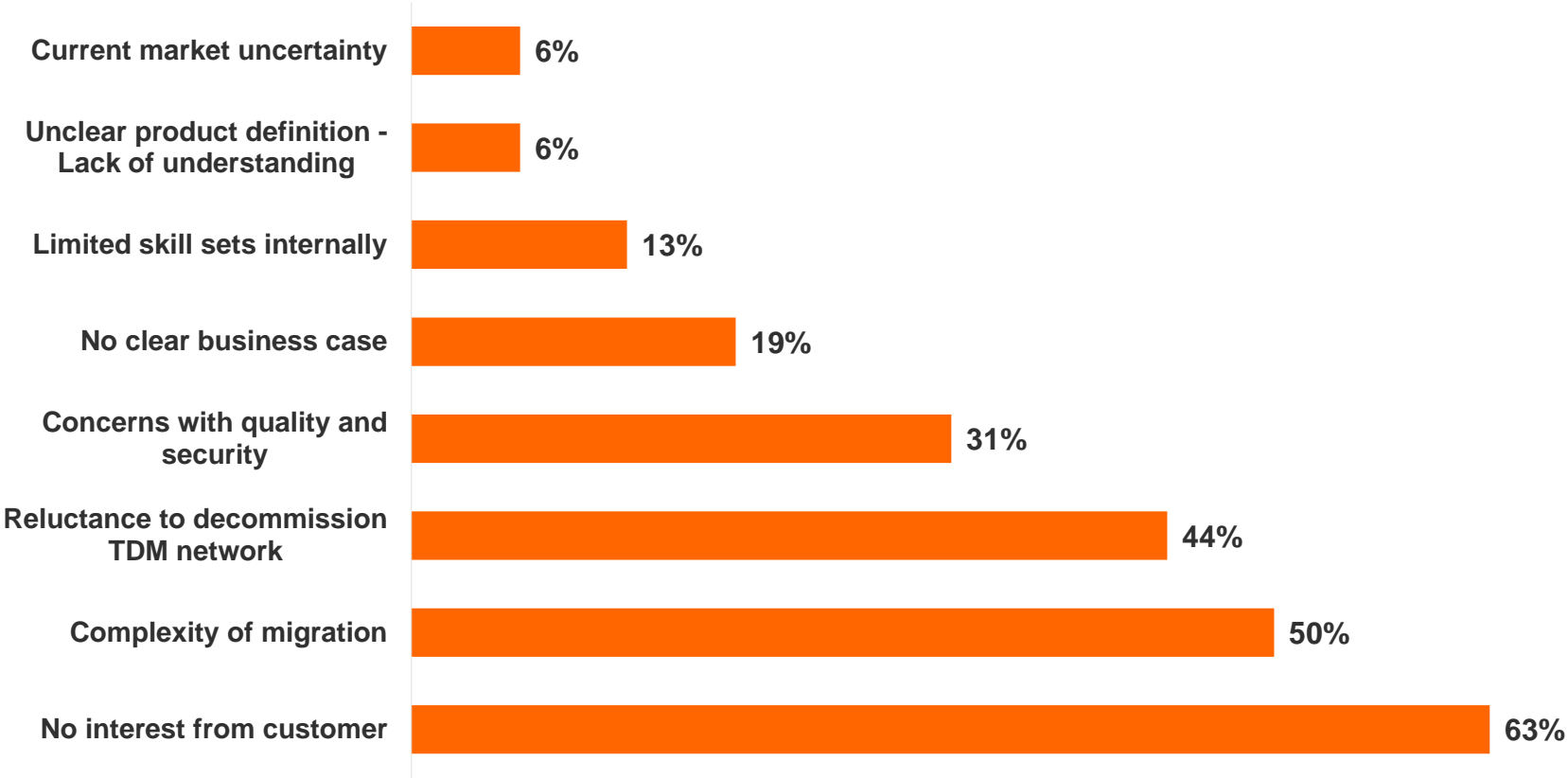
Ease of migration to IPX

Main obstacles to launching IPX services

Obstacle	Percentage
Concerns with quality and security	8%
Current situation uncertainty	15%
Reluctance to decommission TDM network	15%
Limited skill sets internally	31%
Complexity of migration	31%
Unclear product definition	39%
No interest from customer	39%
No clear business case	46%
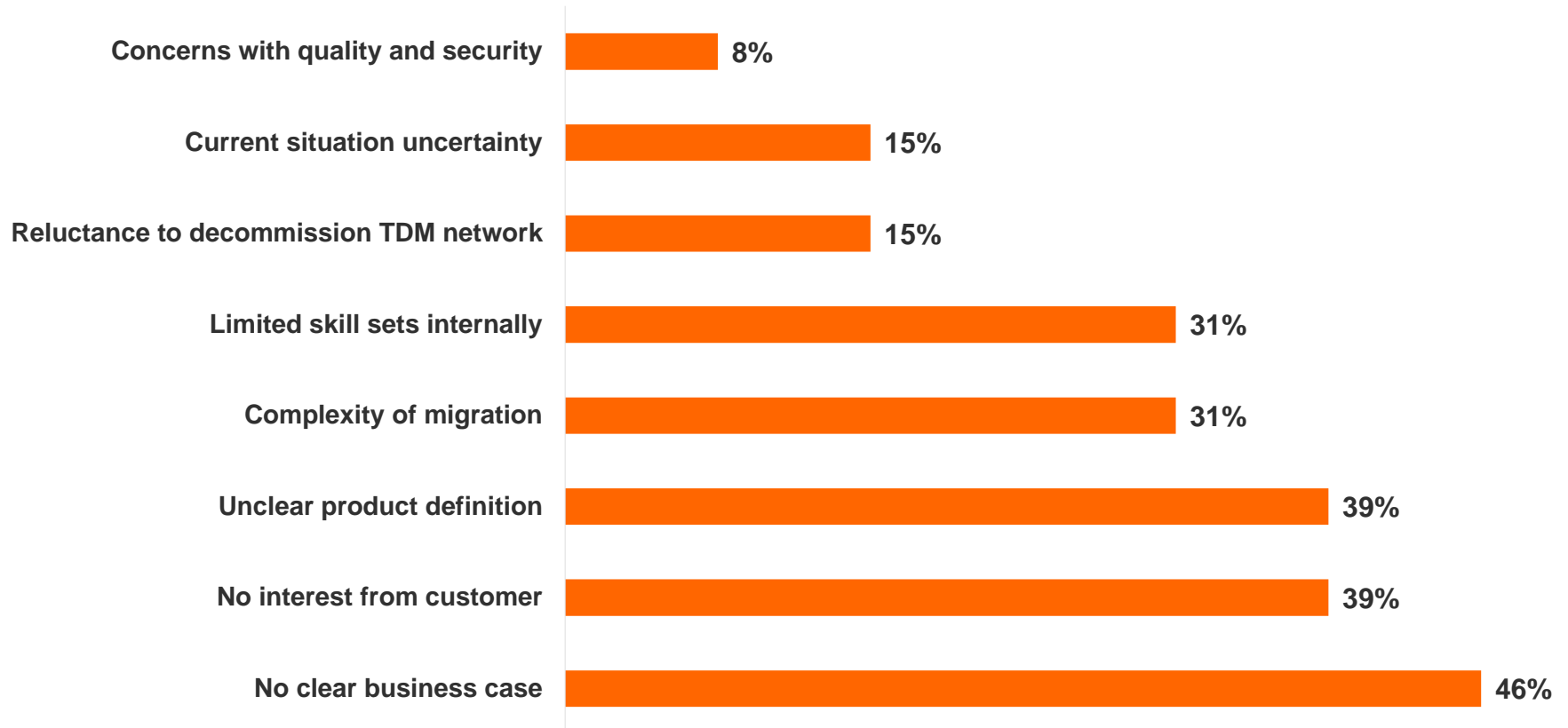
86% said that the main driver for their company's migration to IPX was strategic

i3forum support

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IPX definition

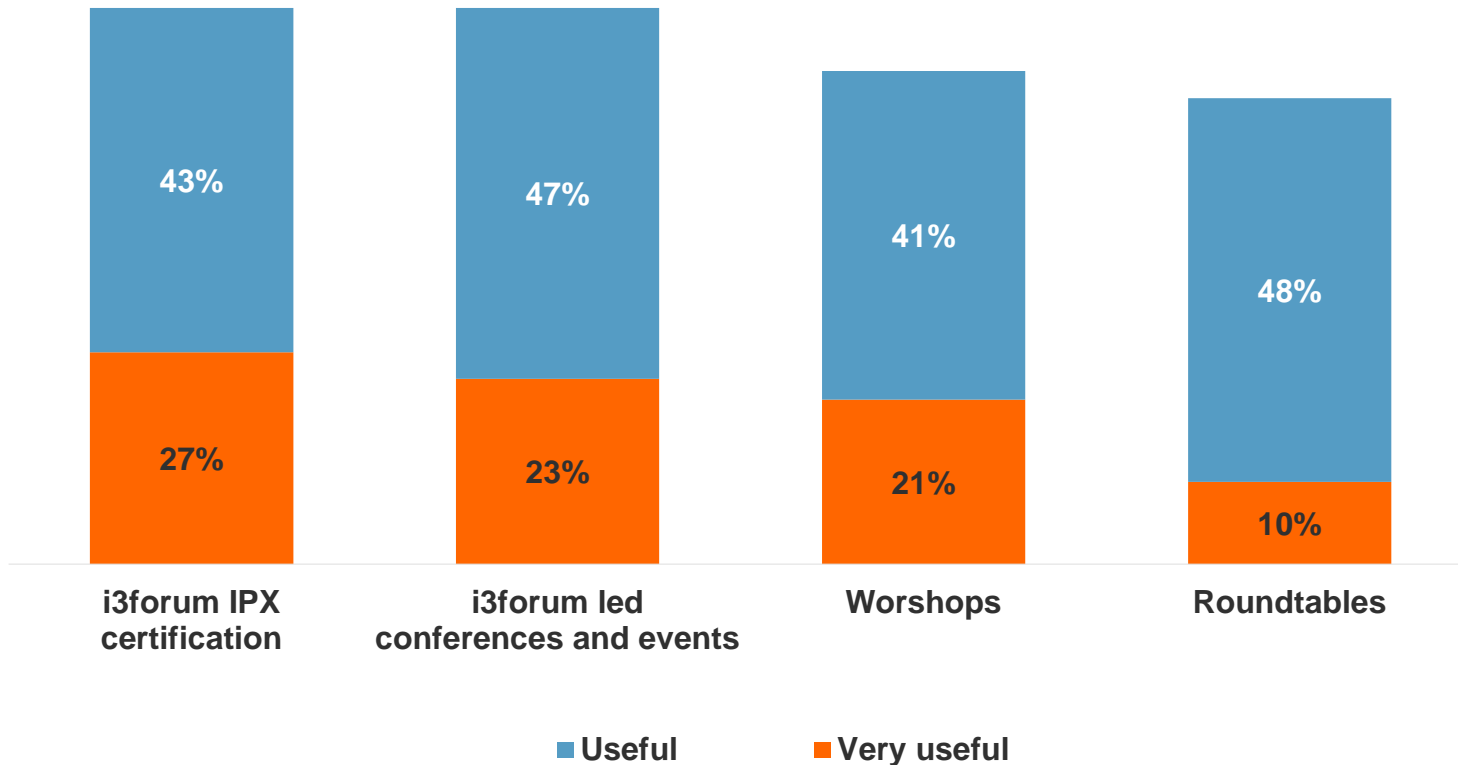**i3forum IPX definition rating - High**

Correctness of the definition	Usefulness of the definition	Clarity of the definition
78%	74%	63%
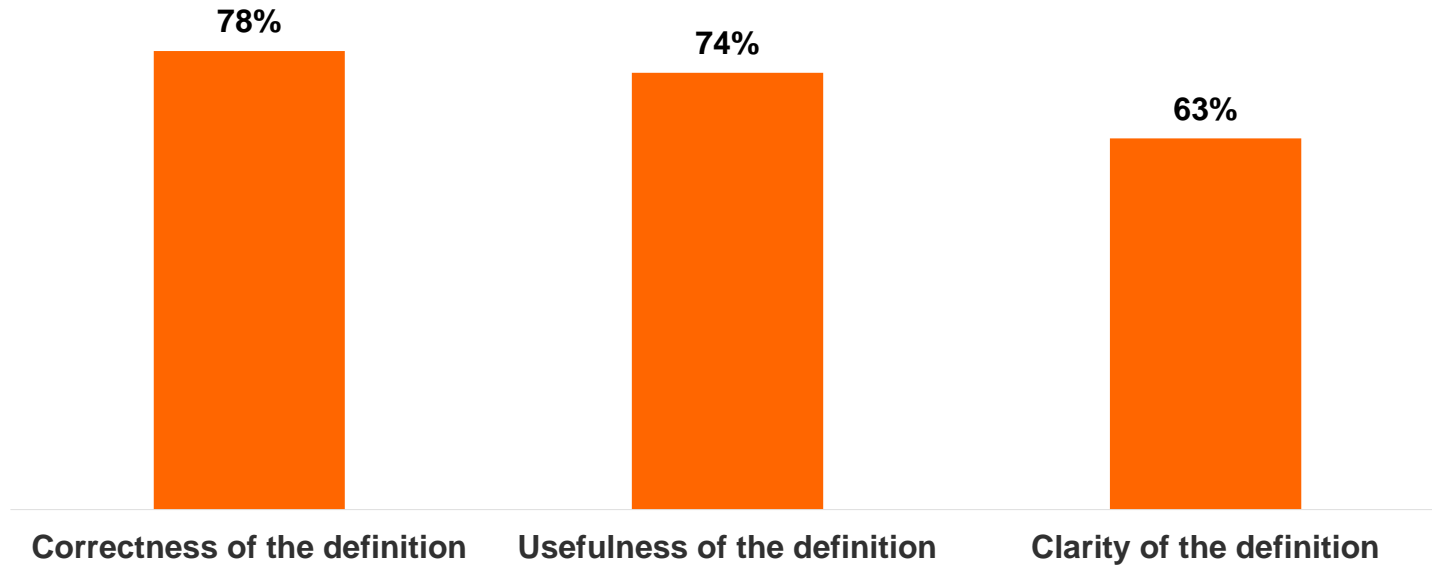
70% said that they did not think there was an official industry definition of IPX

i3forum activity support

Support required from the i3forum to accelerate the transition to IP and IPX

	i3forum IPX certification	i3forum led conferences and events	Worshops	Roundtables
Useful	43%	47%	41%	48%
Very useful	27%	23%	21%	10%

■ Useful   ■ Very useful
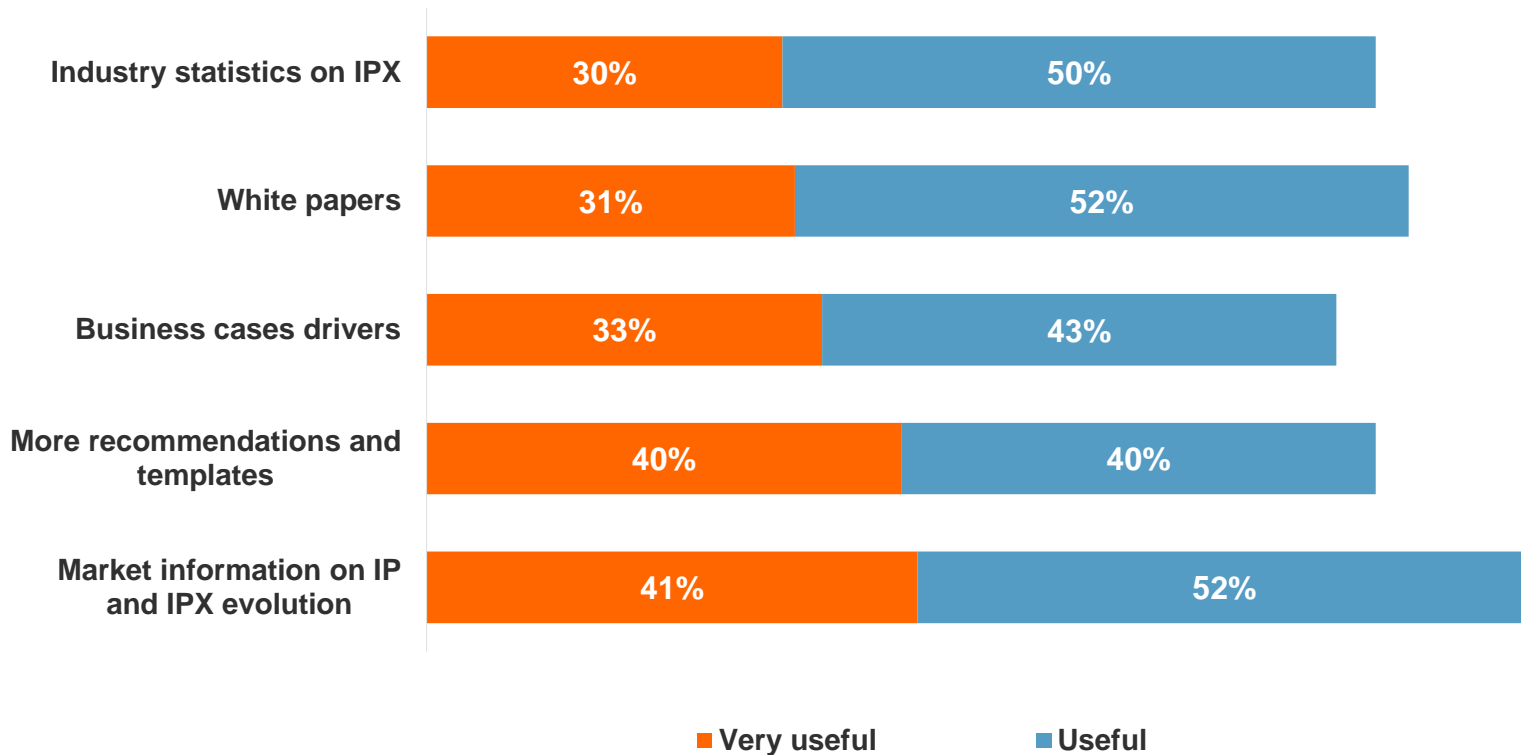
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70% said that they thought it would be useful to have a body providing IPX certification

i3forum activity support

Useful information to accelerate the transition to IP and IPX

	Very useful	Useful
Industry statistics on IPX	30%	50%
White papers	31%	52%
Business cases drivers	33%	43%
More recommendations and templates	40%	40%
Market information on IP and IPX evolution	41%	52%

■ Very useful   ■ Useful

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Key takeaways

- ✓ The IP and IPX migration is ongoing

- ✓ The IPX migration is far from being completed

- ✓ The main obstacles is the lack of customer interest and business case

- ✓ There is a clear desire for an IPX certification

- ✓ The members want the i3forum to play a growing support role in the migration process

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THANK YOU!

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