

The Broad Convergence II
Brussels – 06-07 October 2005

GLOBAL FORUM 2005
Shaping the Future

Software & Interoperability

ITEMS International
16, rue Kléber - 92442 Issy-les-Moulineaux - France
46 - ave Pierre Brossolette - 92240 Malakoff
+33 (0)1 4985 0326 - www.items-int.com

ITEMS International
Global Forum 2005 - 7-8 October 2005

1

Convergence - HOT SPOTS ... in telecom

ITEMS International
Global Forum 2005 - 7-8 October 2005

2

Convergence - HOT SPOTS ... in VIDEO

ITEMS International
Global Forum 2005 - 7-8 October 2005

3

Convergence : HOT SPOTS ... in IT

ITEMS International
Global Forum 2005 - 7-8 October 2005

4

Convergence in the near future

ITEMS International
Global Forum 2005 - 7-8 October 2005

5

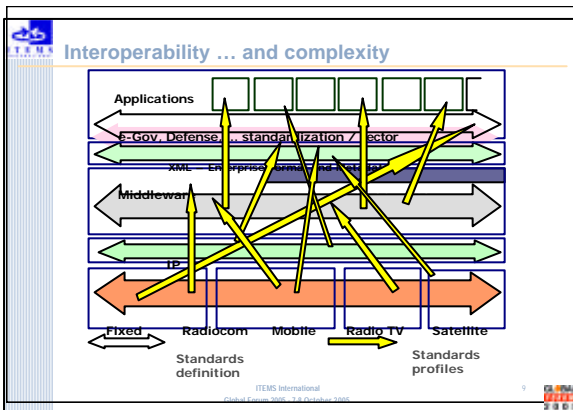
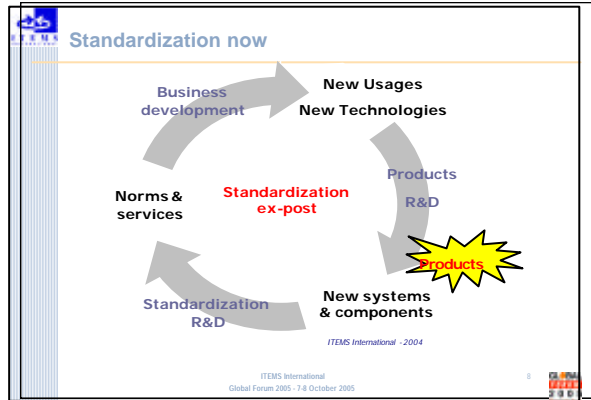
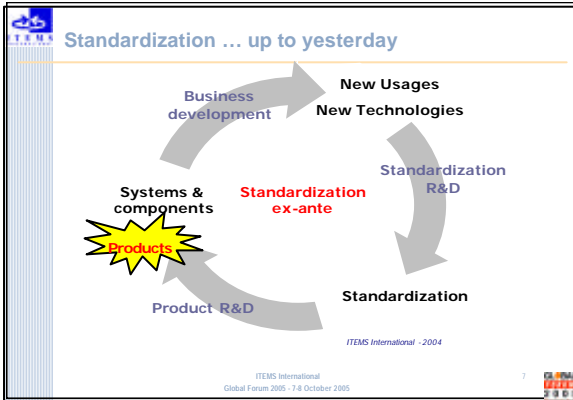
Software and new approach in standardization

- ▶ Middleware
 - The engine of convergence is Software
- ▶ Software
 - Improve dynamic approach of products
 - Dominant culture in Labs
- ▶ New order in priorities
 - Priority for players is to develop as quick as possible systems, components, products
 - ...then to make them interoperate

Ex-Post

ITEMS International
Global Forum 2005 - 7-8 October 2005

6

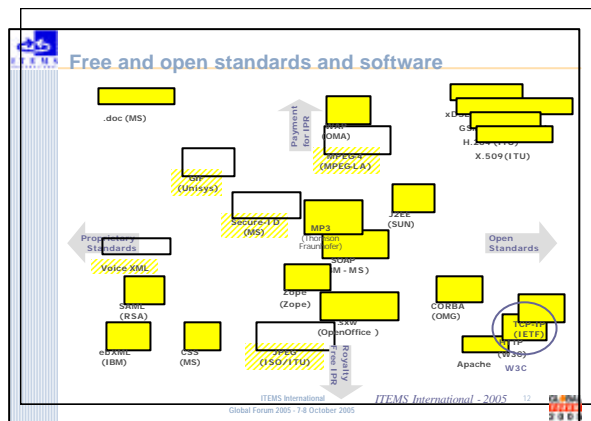


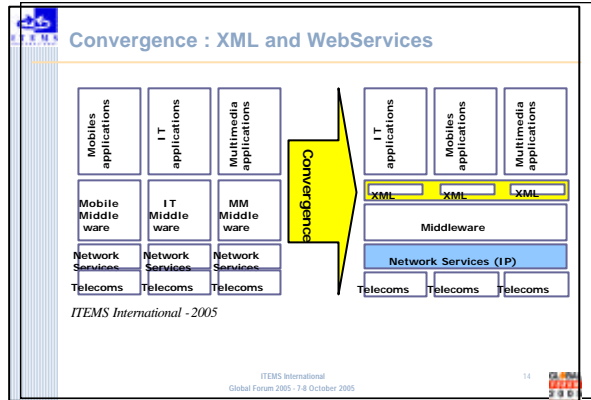
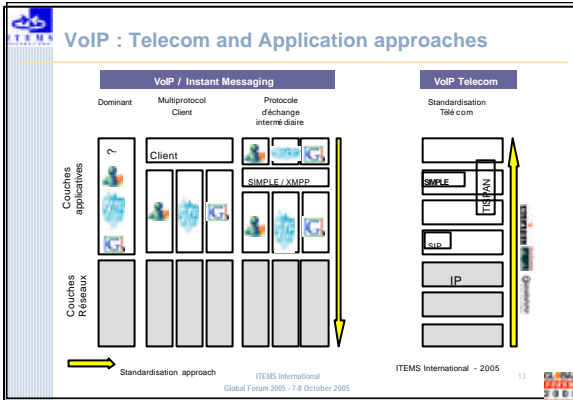
- ### Open standards and Open source
- ▶ Open standard is more and more understood by users as "Open the code"
 - ▶ Open source : a strategy to Open ... ?
 - ▶ ... or a strategy to compete ?
 - ▶ Many Open Source exists
 - Royalty free
 - Proprietary
- ITEMS International
Global Forum 2005 - 7-8 October 2005

Open Source : the answer in Interop ?

Licence	Free Software				Copyleft	Label OSI
	Access	Use	Distrib.	Modif.		
BSD 99	X	X	X	X	-	-
LGPL	X	X	X	X	X	X
GPL	X	-	X	X	X	X
W3C SL	X	X	X	X	X	X
BSD	X	X	X	X	-	X
MIT SL	X	X	X	X	-	X
Apache 2	X	X	X	Specific	X	X
IBM Public License	X	X	X	Specific	-	#
Sun Industry SSL	X	X	X	X	X	X
Sun Public License	X	-	X	X	-	X
Sun Community L	X	X	-	-	-	-
Apple Public SL2	X	X	X	X	X	X
Microsoft SSL	X	-	-	X	-	-
Mozilla Public License	X	Specific	X	X	Specific	X
ILBC (Skype)	X	X	-	-	-	-

ITEMS International
Global Forum 2005 - 7-8 October 2005





- ### Interoperability : key milestones
- ▶ Convergence is ... Software
 - ▶ Middleware is the engine of convergence
 - ▶ But we don't need to standardize everything
 - ▶ Open Source : a new way to Open competition
 - ▶ Voice : a leading service in the core of the battle
 - Skype : \$4 Billions, Google : \$100 Billions
 - Renault \$20 Billions, Nissan \$60 Billions
 - ▶ XML : the key point of Interoperability in an IP world
 - The reference ... but mainly an envelope that need to be detailed
 - The competition is there
- ITEMS International
Global Forum 2005 - 3 & 4 October 2005