

Harmonization: Benefits and Challenges

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Once upon a time...

- **Standards for “X” were set for the “X” industry by the “X” Association, and “Y” standards were set (etc.)**
- **Everything worked just fine, because each organization could work at its own speed, in its own way, subject to the same over-arching set of rules**

***Until, as so often happens,
everything began to change***

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Convergence is everywhere...

In the IT department:

- **Before, computing occurred inside a LAN (which could be proprietary)**
- **Now, the Internet connects everything into one big happy (?) WAN**
- **End-users want to mix proprietary and open source software**
- **And don't forget to integrate wireless devices!**

How many standards, from how many standards organizations, did it take to enable this?

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Convergence is everywhere...

In the field, you used to have just a cell phone. Now it's also a:

- Still camera
- Video camera
- PDA
- Web browser
- Game console

And that was yesterday! (What will it have tomorrow?)

How many standards, and how many standards organizations, did it take to enable this?

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Convergence is everywhere...

If you want to build that phone, what are the IPR rules?

- The hardware standards come from SDOs that are used to asserting royalties
- The video uses standards subject to a patent pool
- The browser and related standards are all royalty-free
- And now it's got a mobile version of Linux

How many IPR policies, from how many standards organizations, is all that IP subject to?

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Convergence is everywhere...

Those are just a few examples. How about:

- **The networked, wireless home?**
- **Libraries with digitized print works, new work created electronically, and text first published on line?**
- **End-to-end supply chain controls, beginning in China and ending in Peoria?**
- **Homeland security systems?**
- **eHealth?**

What's a traditional standard setting system to do?

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ADAPT AND EVOLVE

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***And that's what we're going to talk
about today***

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Introductions

- **Bob Collet, Sec. Network Operations Industry Consortium**
- **Edward Rashba, Manager, New Technical Programs, IEEE**
- **Dan Bart, Co-Chair, ANSI Homeland Security Standards Panel & Sr. VP, Telecommunications Industry Association**

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