

# Conformity Assessment in Practice

NIST Workshop on Fundamentals of Standards and  
Conformity Assessment for Government Agencies

June 9, 2014

# Complexities of Certification Applicable to a Notebook Computer

Sample of 4 Countries - Dell sells into 221 countries

Topic	US	EU	China	Sri Lanka
Safety	NRTL	CE – Low Voltage Directive	CCC	None
EMC	FCC	CE – EMC Directive	CCC	None
Materials	EPEAT	EU RoHS	China RoHS	None
Energy	Energy Star	CE – ErP Directive	CEL, CEC and CECF	None
Accessibility	Section 508	Not Yet	None (yet)	None
Radios <small>WLAN, WWAN, Bluetooth</small>	FCC	CE – RE Directive	MIIT	TRC
Batteries	NRTL, FCC	CE - LVD, EMC	CCC	None
Adapters	NRTL, FCC	CE – LVD, EMC	CCC	None
Power Cords	NRTL	CE - LVD	CCC	None

# Issues

- Duplication
  - ▣ Local Testing
- Harmonized Standards
  - ▣ National Deviations
- Transparency
  - ▣ Unclear or unwritten requirements
- Labeling
  - ▣ Marks, Marks, Marks
- Languages

# Thank You

Mr. Gary Schrempp

Director, Global Regulations and Product Safety Investigations

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512-724-3757

[Gary\\_Schrempp@Dell.com](mailto:Gary_Schrempp@Dell.com)