North American Cable Industry: Proud Sponsor of IETF 85

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North American Cable Industry in Numbers[1]

- Cable operators offer broadband Internet, video, voice, wireless and home security services
  - Total population of 350M in 131M households
  - 53.9 M cable broadband subscribers
  - 30.3 M digital voice subscribers
- Most Cable operators offer 100 Mbps or faster speeds
  - High-Speed Internet (HSI) available to 93% of U.S. households
  - 82% of US Cable HSI subscribers have access to DOCSIS® 3.0 HSI service
  - On average, US cable operators delivered sustained download speeds of 99% and upload speeds of 110% of advertised speeds during peak periods[2]

1 - US and Canada, 2012 estimates.
Sources: CableLabs and NCTA analysis of Company Data, SNL Kagan and Census Bureau data.
2 - Source: FCC, Measurements completed in April 2012 published in July 2012, Measuring Broadband America
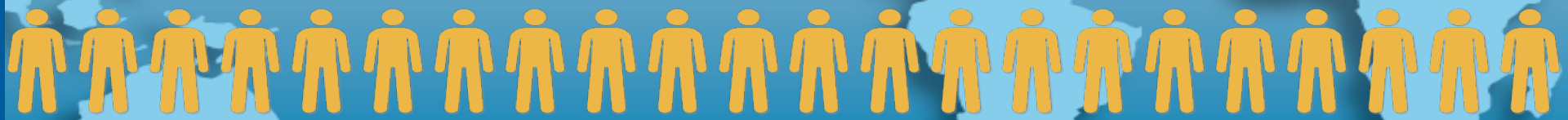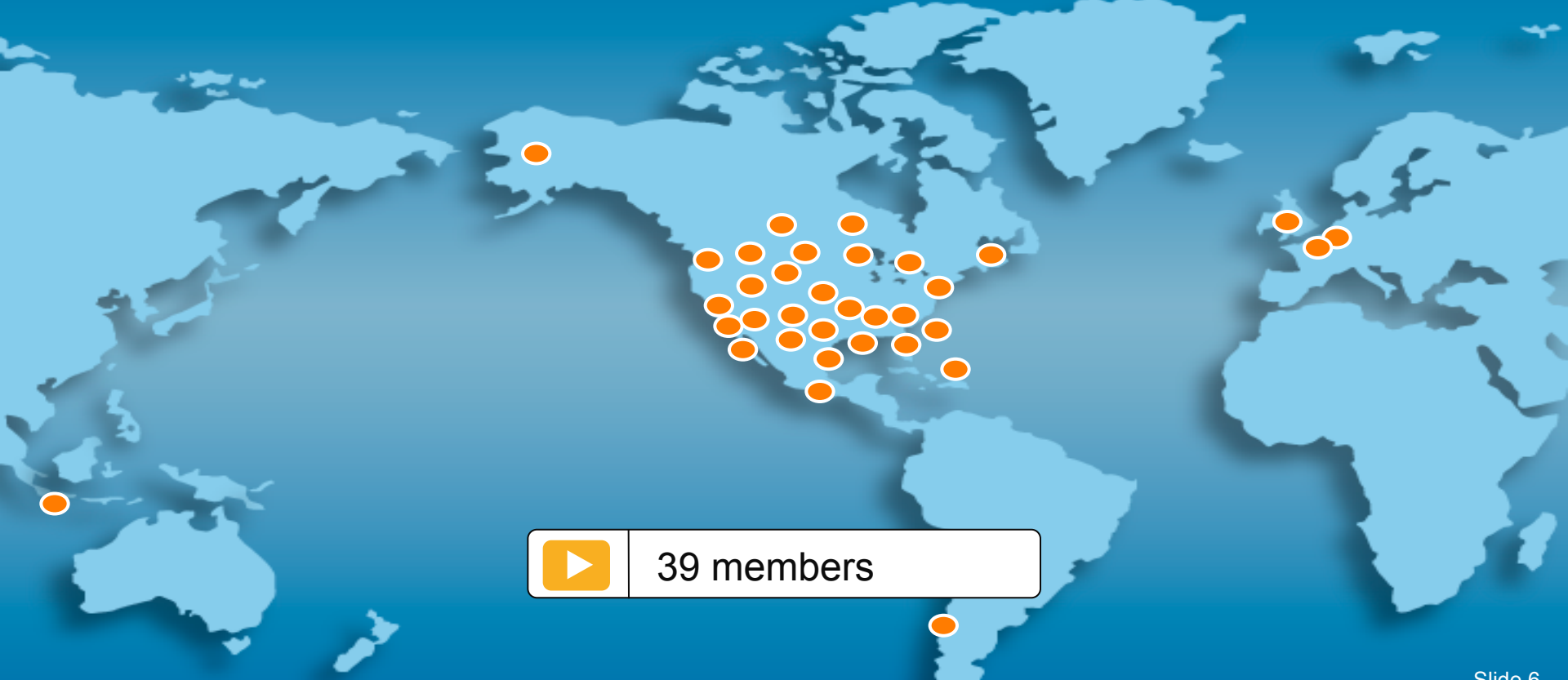http://www.fcc.gov/measuring-broadband-america/2012/july

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CableLabs' Team

Nearly 100 contributing engineers

Staff

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CableLabs Members

39 members

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Our Members Impact

7.6 million

53.6 million

23.2 million

0.5 million

1.2 million

▶ | 87.2 million subscribers

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Total cable subscribers to any tier of service, 2Q12.

Largest North American CableLabs Members

- Bright House Networks
- Cablevision Systems
- Charter
- Comcast Cable
- Cox Communications

- Mediacom
- Rogers Communications
- Shaw Cable
- Suddenlink
- Time Warner Cable

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International CableLabs Members

- Cablemas (Mexico)
- Liberty Global (Europe, Puerto Rico, Chile)
- StarHub (Singapore)
- Virgin Media (UK)

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The IETF protocols Power Cable Networks

Internet protocols are critical to cable's services and operations

Data – Video Voice - Wireless
- Cable TV, VoD, IP Video and Content Delivery Networks
- High-Speed Internet using DOCSIS® specifications
- Real-time IP Voice using PacketCable™ specifications
- Operations and Management

e2e
- End-to-end, managed IPv4 and IPv6 Networks

IETF protocols
- DHCPv6, DNS and Secure DNS
- SNMP and standard cable IETF MIBs to manage devices
- MGCP, SIP, COPS, RTP and sRTP, iLBC voice codec, …
- L2 and L3 VPNs
- Many others…

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We believe in "Rough Consensus and Running Code"

- CableLabs' R&D programs
  - build consensus among cable operators and vendors
  - develop specs and implementations working with vendors
  - run protocol interoperability and device certification testing in the labs from PHY to IP to Application layers
- We verify running code from multiple vendors

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Thank You
to all of You who contribute to the IETF

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