



Introduction

- G.hn: An international standard for home networking on existing premises wiring
 - Power line
 - Coaxial cable
 - Telephone wiring
- Developed by the International Telecommunication Union – Telecommunication Standardization Sector (ITU-T)
- PHY/MAC standard with up to 1 Gbps performance
- Promoted by the HomeGrid forum





- Founded in 2008 as companion group to support and promote ITU-T G.hn in the industry
 - Maket G.hn technology to the industry
 - Ensure compliance and interoperability
- Worldwide industry representation
 - Service provider
 - Consumer electronics
 - Personal Computing
 - Silicon suppliers and IP licensing companies
 - Certification labs
 - Industry organizations
- Board of directors
 - Best Buy, British Telecom, Lantiq, Intel, Sigma Designs, Telefonica, Texas Instruments, Marvell (pending)



















Publications17U-T G.9960, Unified high-speed wire-line based home networking transceivers – Foundation 17U-T G.9961, Data link layer (DLL) for unified high-speed wire-line based home networking transceivers 17U-T G.9972 Co-existence mechanism for wireline home networking transceivers 17U-T Technical Paper: Applications of ITU-T G.9960, IU-T G.9961 transceivers for Smart Grid applications: Advanced metering infrastructure, energy management in the home and electric vehicles