Broadband Internet Infrastructure and International Connectivity in Bangladesh

Presented by

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Agenda

- Country Profile
- Brief History of Internet in Bangladesh
- Broadband Policy
- Present Scenario
- National Broadband Plan
- International Connectivity
- Challenges to Increase Broadband Usage

Country Profile

- Government: Unitary and parliamentary republic
- Identified as a Next Eleven economy
- Country divided into
  - 7 divisions
  - 64 districts
  - 488 upazillas
  - 4546 unions

Country Profile...

- Population: One hundred and sixty million
- Area: 147,570 sq. km
- Population growth rate: 1.37 percent
- Literacy rate: 57 percent
- Life expectancy: 70.36 years
- Urbanization rate: 3.5%

Country Profile...

- Internet users: 39353.142 thousands
  - Mobile Internet: 37846.096
  - WiMAX: 276.046
  - ISP + PSTN: 1231.00
- Telephone subscriber
  - Mobile: 116.871 millions
  - PSTN: 1.1 millions
- ccTLD: .bd
- International dial code: 880
- PSTN operator: 4
- Satellite Earth Station: 2
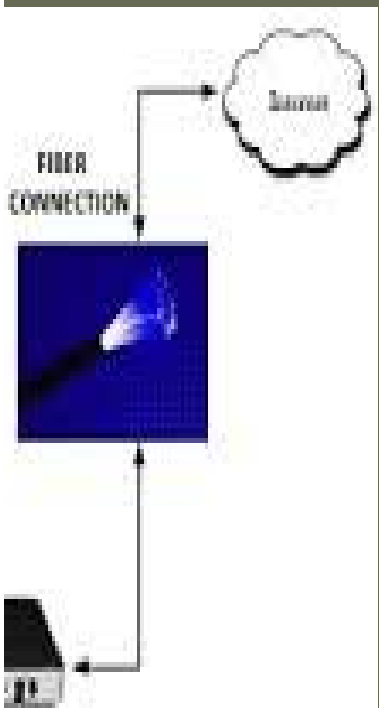
Country Profile...

- Nationwide Telecommunication Transmission Network (NTTN) Service Providers: 3
- 3G Cellular Mobile Phone Services Operator: 5
- International Terrestrial Cable (ITC) Operator: 6
- International Internet Gateway(IIG) operator:36
- Submarine Cable connection:1
- WiMAX Operators:2
- CDMA Mobile Phone Operator:1

Brief History of Internet in Bangladesh

- Internet came to Bangladesh in June, 1996
- It was a dial up connectivity
- Government permitted VSAT operation for Internet operation
- Initially there were BBS and e-mail services
- Internet service started a few months later
- There were only two ISPs in 1996
- Less than a thousand subscribers

VSAT to Submarine

- Liberal policy of the government in the preceding years led to the rapid expansion of the industry
- Number of Internet subscription was 186,000 in 2000
- By 2005, there were 180 registered ISPs
- In 2006, Bangladesh got connected to submarine optic fiber as part of the 16 country consortium SEA-ME-WE 4 project