



Telecom Infrastructure & DFS Initiatives in Pakistan

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Telecom Sector Infrastructure Highlights

- “ Teledensity (Mobile + Fixed) - **71.75%**
- “ Cellular Mobile Subscribers (Biometrically verified) – **140.7 Million**
- “ Broadband Subscribers - **48.1 Million**
- “ Broadband Growth (Mobile + Fix) during last two years
- **187%**
- “ Access to 3G and 4G services (Mobile signal)
- **72% and 4G/LTE 38% of Population**
- “ Mobile Signal access to total Population – **85%**
- “ Optic Fiber Length - **85,549 Kms**
- “ International Connectivity
- **6 submarine cables operational and 2 expected to be commissioned in 2018**
- “ FDI in Telecom sector in last 5 years – **US\$ 2.5 Billion**
- “ Telecom Sector contribution in terms of taxes and levies 2016-17
– **over US\$1.5 billion**

Digital Financial Services in Pakistan

27 million m-wallet accounts

402,710 m-banking agents

US \$2.4 billion transacted through mobile banking 2016-17

14,069 bank branches

12,515 ATMs
52,854 POS machines

37 million plastic cards

140 million BVS SIMs
Unique database for e-services

43 million mobile broadband subscribers

Less costly smartphones

Approx. 80,000 SECP registered companies

Nearly 2 million merchants / shops

Switches
(1-LINK, MNET),
(only 1-Link is linked to mobile payments)

INTEROPERABILITY (TPSP LICENSING)

Regulatory Challenges for DFS

- “ Overlap of regulatory ambits (PTA, SBP, CCP)
- “ Significant growth of Broadband but Penetration is still low (22%)
- “ High Share of OTC Transactions
- “ Low activity of mobile wallets
- “ Low digital literacy and Lack of local content
- “ Lack of awareness and adaptation to digital financial services

Way Forward

- “ Expansion of the communication infrastructure
 - . Efficient use of spectrum resources
 - . E-payment Gateway
- “ Implementation of Interoperability (TPSP licenses)
 - . Issuance of licenses
 - . Ensure interconnection among the CMOs and FIs
 - . Resolve inter-operator issues
- “ Asaan Mobile Account campaign
- “ Continued collaboration between Regulators
- “ Security and Stability of the Payment system infrastructure
- “ Local content development
 - . DFS based Mobile App Awards
 - . Incentives to the local developer community

Thank You