PacNOG IV
Port Vila, Vanuatu

Telecom Fiji Limited

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IP CORE
Motivation

- Demand for higher bandwidth greater than an E1 that cannot be provided by the current DDN

- Guarantee Quality of Service (QOS)

- Enabling Technology i.e. allows customers to use the network for various applications:
  - voice
  - video
  - high speed data
Motivation (Cont’d)

- TFL internal network use, for example:
  - backhauling IP based systems such as DSLAMs
  - Anticipation of the NGN which requires IP interfaces
  - preparation for future networks that are increasingly IP based instead of previous TDM interfaces
High Level Design
Design Criteria

- CORE equipment will be MPLS enabled due to the requirements for QOS

- EDGE equipment will be MPLS enabled depending on customer requirements
Thank You