Case Study: PT TELKOM

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TRANSITION
NETWORKS®

About PT Telkom

- Largest full information and communications (InfoComm) service and network provider in Indonesia.

- Provides fixed wire lines, fixed wireless, cellular as well as data & Internet and network interconnection services

- Listed in NYSE stock exchange in USA

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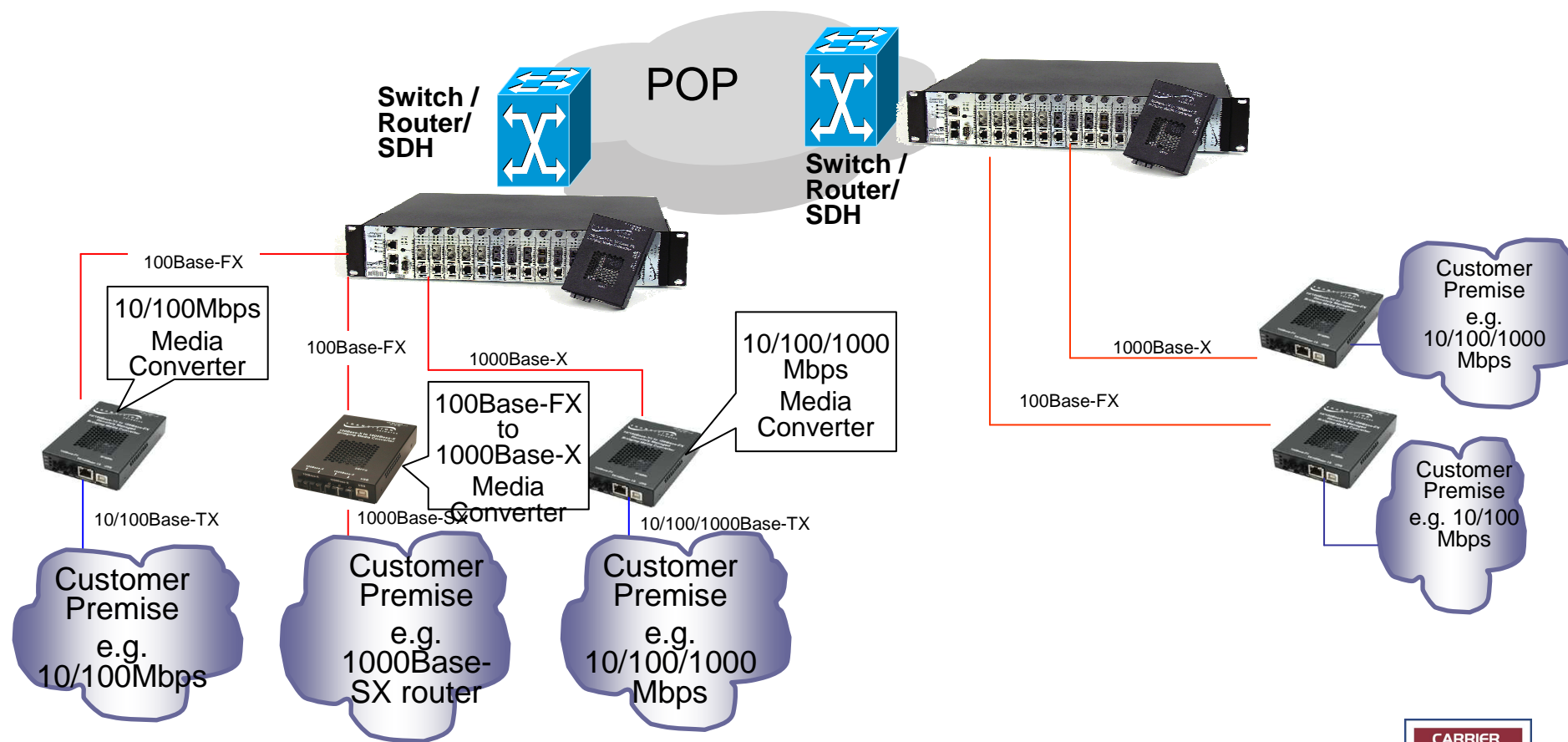www.transition.com

TRANSITION NETWORKS

Fiber Driver

- Provide customers with a single high performance connection to the Internet

- Operates on Telkom's own private and managed IP infrastructure built on dedicated links

- A secure IP VPN solution based on the Multi-Protocol Label Switching (MPLS) technology for delivering the security level equivalent to Frame Relay or ATM networks

- Offers several classes of service and the associated parameters defining quality of service, to address different performance levels required for different applications

- Requiring customers no investment in additional VPN equipment at their premises for encryption and tunneling - thus more cost savings for customers.

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Application

Switch /
Router/
SDH

POP

Switch /
Router/
SDH

Customer
Premise
e.g.
10/100/1000
Mbps

100Base-FX

1000Base-X

10/100Mbps
Media
Converter

100Base-FX

1000Base-X

100Base-FX

10/100/1000
Mbps
Media
Converter

100Base-FX
to
1000Base-X
Media
Converter

10/100Base-TX

1000Base-SX

10/100/1000Base-TX

Customer
Premise
e.g.
10/100 Mbps

Customer
Premise
e.g.
10/100Mbps

Customer
Premise
e.g.
1000Base-
SX router

Customer
Premise
e.g.
10/100/1000
Mbps

TELKOM
INDONESIA

CARRIER
ETHERNET

MEF
Certified Compliant

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Advantages of deploying TN products

- Full OAM capabilities of the media converters, without assigning IP addresses to all the remote media converters

- Network Management right up to the media converter copper port of the customer premise equipment

- Compact size and support dual power for standalone unit at the customer premise

- One common slide in module to support both one slot chassis and 19" chassis

- Free Focal Point software which is loaded into their common PC to function as trap server

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Products for such solution

Point System Slide in module	Standalone Media Converter	Port Interface

CFBRM10xx-1xx

SFBRM10xx-1xx

Port 1: 10/100Base-TX

Port 2: 100Base-FX

CFBRM13xx-100

SFBRM13xx-100

Port 1: 100Base-FX

Port 2: 1000Base-X

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Products for such solution

Point System Slide in module	Standalone Media Converter	Port Interface
 CBFFG10xx-1xx	 SBFFG10xx-1xx	Port 1: 10/100/1000Base-TX Port 2: 1000Base-X
 CBFFG13xx-100	 SBFFG13xx-100	Port 1: 1000Base-X Port 2: 1000Base-X

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