Case Study: PT TELKOM
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
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.
Application

10/100Mbps Media Converter

100Base-FX

100Base-TX

100Base-FX to 1000Base-X Media Converter

10/100/1000 Mbps Media Converter

Switch / Router / SDH

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

1000Base-X

100Base-FX

Customer Premise e.g. 10/100 Mbps

10/100Base-TX

1000Base-SX router

10/100/1000Base-TX

10/100Base-FX

Customer Premise e.g. 1000Base-SX router

1000Base-X
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
Products for such solution

**Point System**
- Slide in module
- Port 1: 100Base-FX
- Port 2: 1000Base-X

**Standalone Media Converter**
- Port 1: 10/100Base-TX
- Port 2: 100Base-FX

**Port Interface**
- CFBRM10xx-1xx
- SFBRM10xx-1xx
- CFBRM13xx-100
- SFBRM13xx-100
- Port 1: 100Base-FX
- Port 2: 1000Base-X

MEF Certified Compliant

2008 Asia Partner Conference
# Products for such solution

<table>
<thead>
<tr>
<th>Point System</th>
<th>Standalone Media Converter</th>
<th>Port Interface</th>
</tr>
</thead>
<tbody>
<tr>
<td>Slide in module</td>
<td></td>
<td>Port 1: 10/100/1000Base-TX</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Port 2: 1000Base-X</td>
</tr>
<tr>
<td>CBFFG1xx-1xx</td>
<td>SBFFG1xx-1xx</td>
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</tr>
<tr>
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<td>Port 2: 1000Base-X</td>
</tr>
</tbody>
</table>

[Carrier Ethernet MEF Certified Compliant](image)