

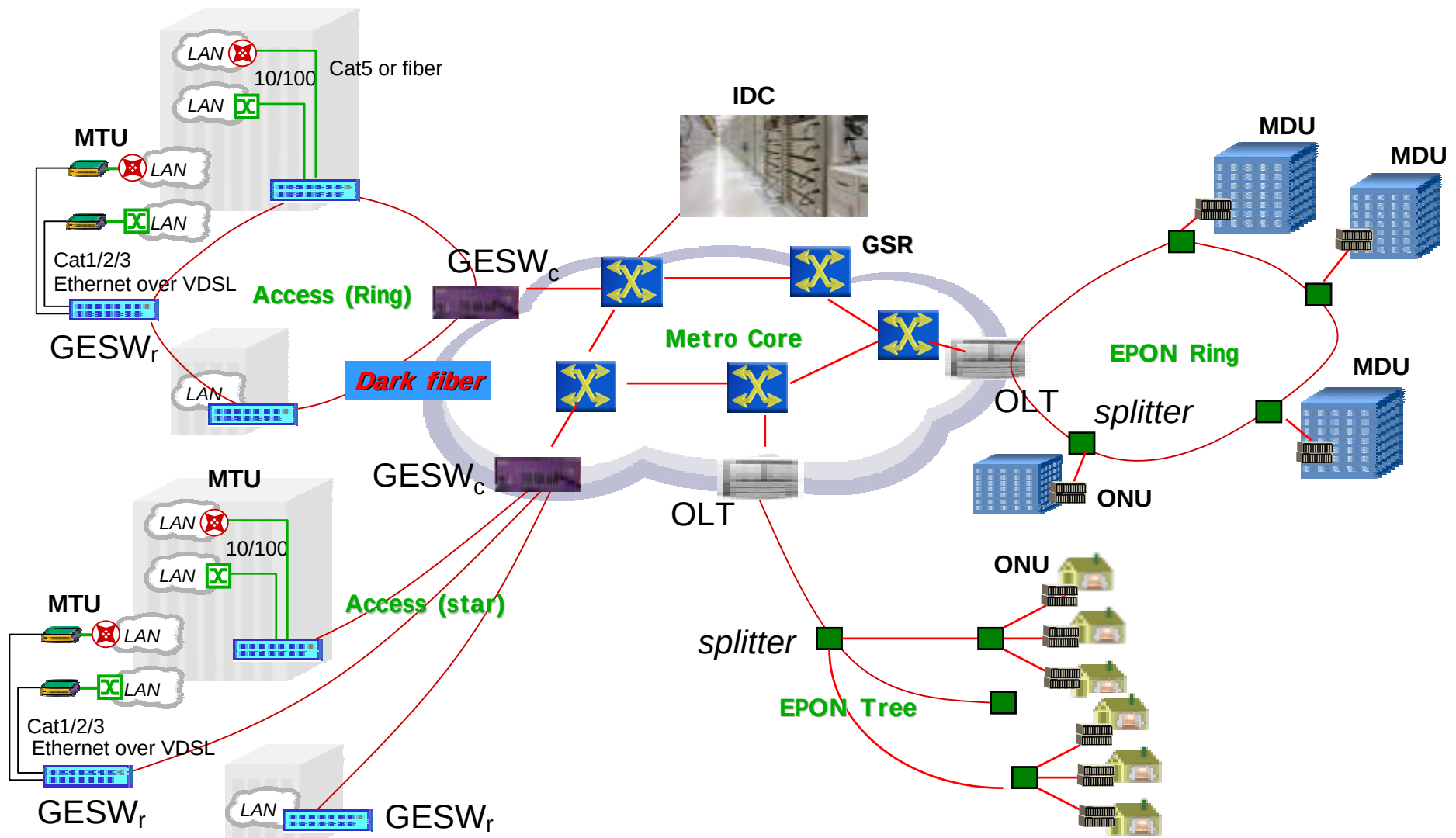
EFM

報告人：星通資訊 葉茂林

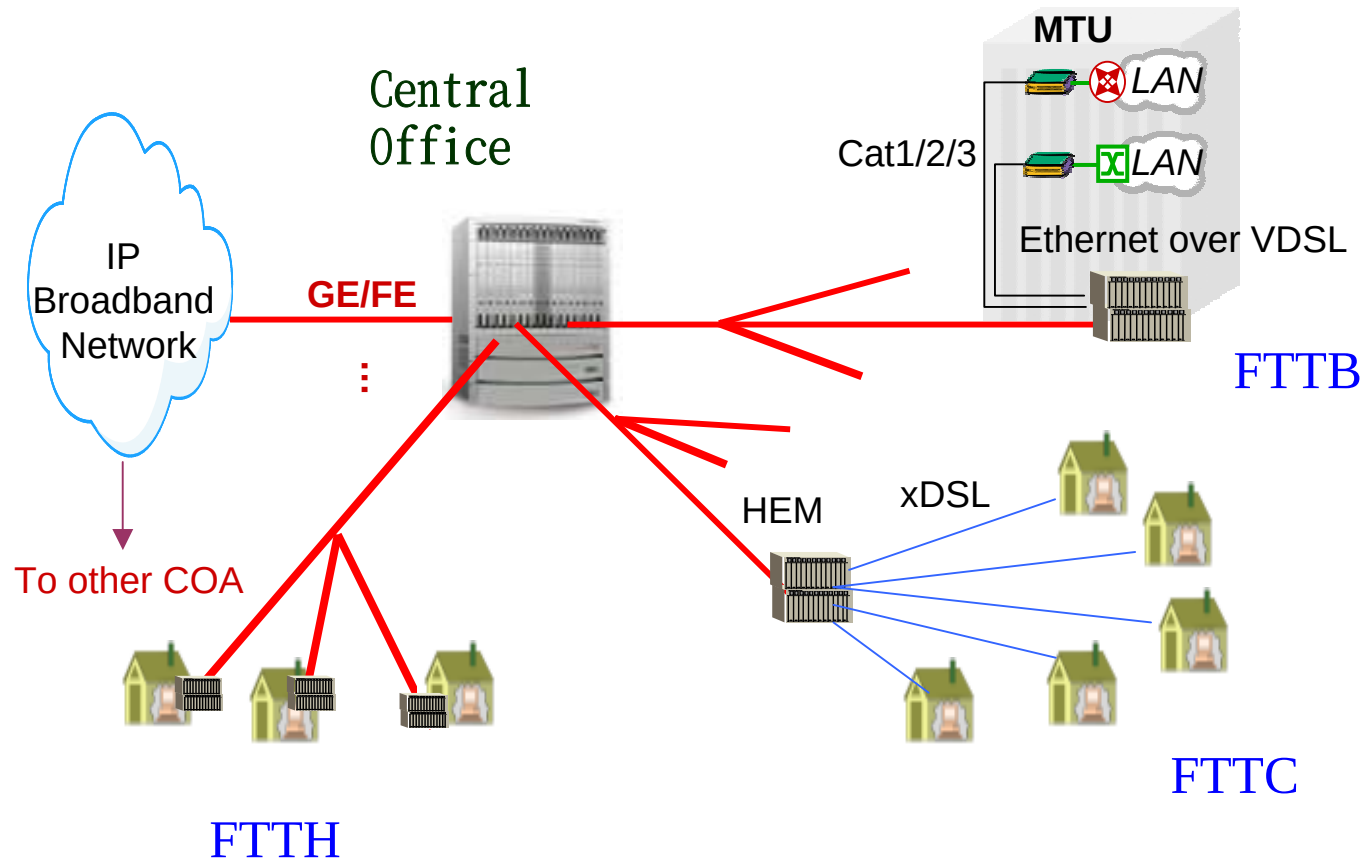
中華民國 93 年 03 月 05 日

計畫緣由

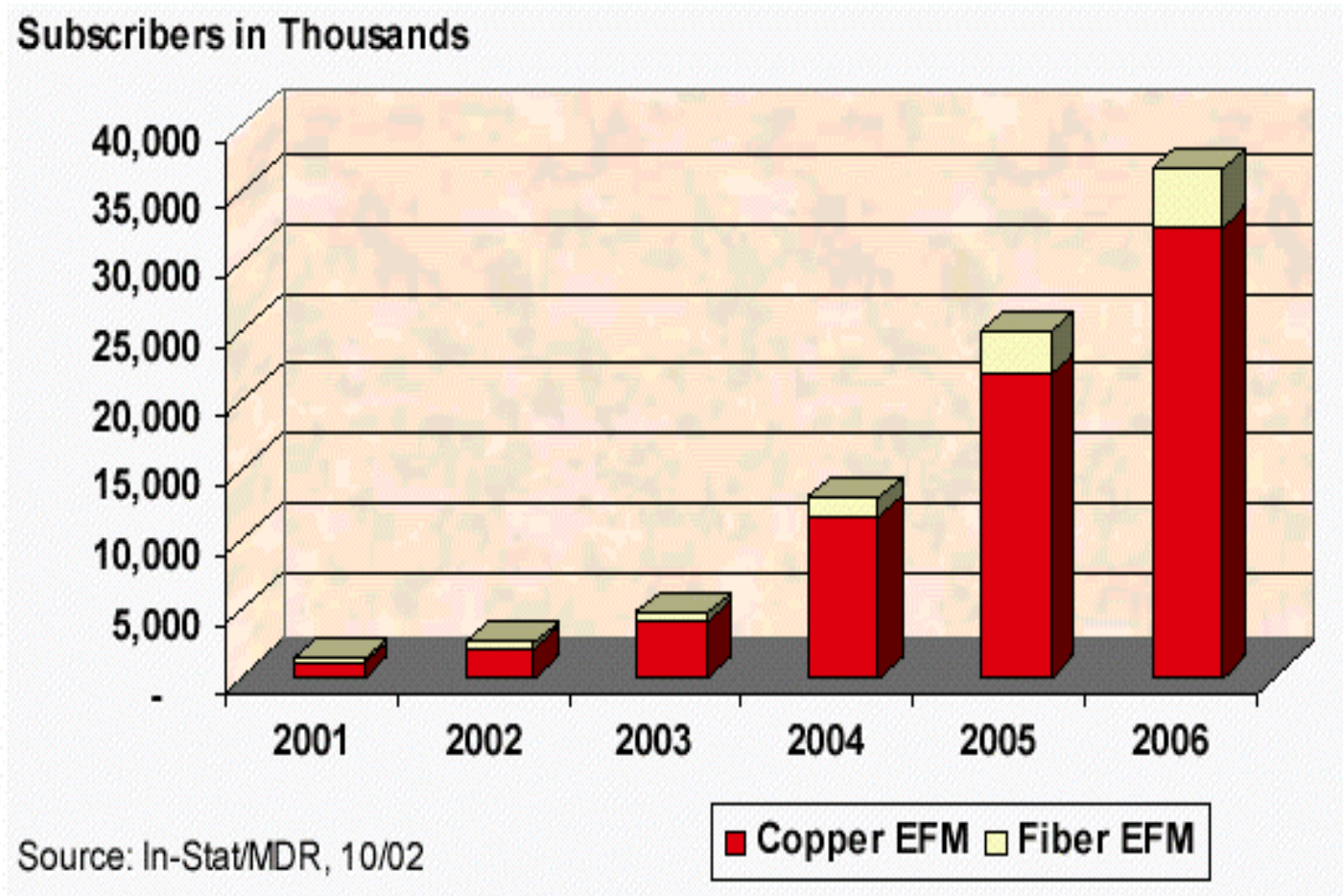
電信乙太接取網路技術(EFM)興起



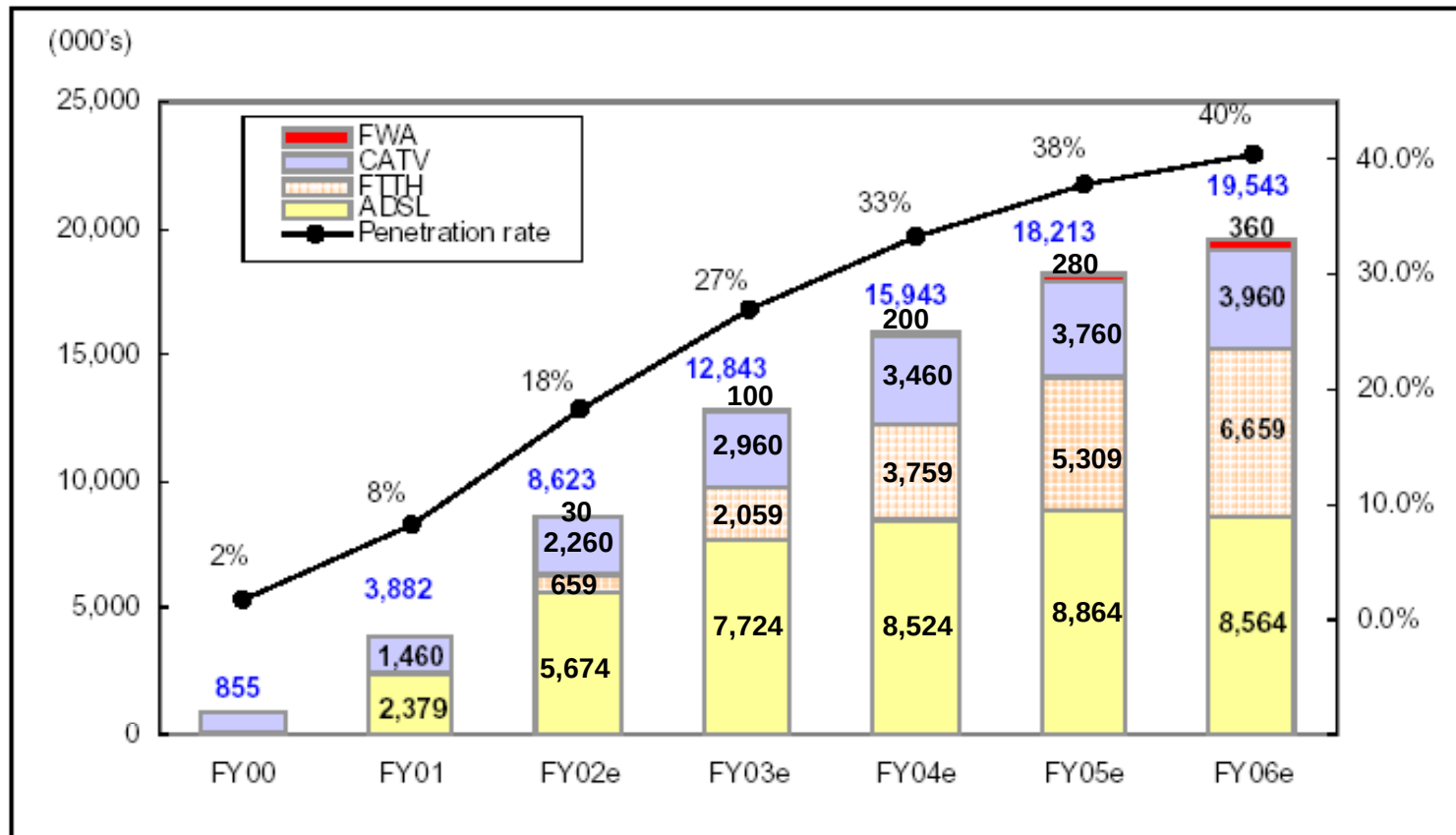
EPON-based EFM Solution



市場狀況(一) - 全球 EFM 用戶數預估



市場狀況(二) - 日本寬頻接取用戶數預估



e = Morgan Stanley Research estimates
 Source: Company data, Morgan Stanley Research

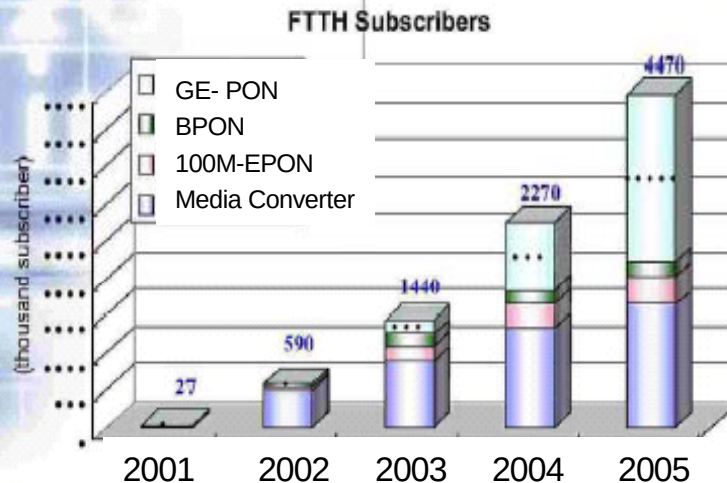
2002/09

市場状況 - EPON Market in Japan

FTTH Market in Japan

FTTH Total•2005/End 4,470 thousand subscribers

- Media Converter : 1,640 thousand subscribers
- 100M-EPON(Fujitsu,FUJIKURA,NEC,etc) • • 380 thousand subscribers
- BPON(HITACHI) • • 200 thousand subscribers
- Gbit E-PON : 2,250 thousand subscribers



GE-PON will grows

The condition

- GE-PON Market price
- • Less than \$300/port

市場状況 - EPON Market World Wide

- FTTH by NTT in Japan
- MxU Access by China Telecom & NetCom
- Scandinavia: Utilities and CLECs
- Italy: Multiple Regional Access networks
- Holland: PTT adopting EFM technology
- US: Ethernet LECs, Municipalities & Utilities

Data Source : Ethernet in the First Mile Alliance

