

Fiber-To-The Home is no longer a dream to Malaysians

Towards the Next Generation PON System

Ofisgate launched the CWDM PON GATE-X Optical Line Terminal (OLT) & GATESURF Optical Network Unit (ONU) for Fiber-To-The-Home applications on 16th June 2010 during the Communication Asia Expo in Singapore.

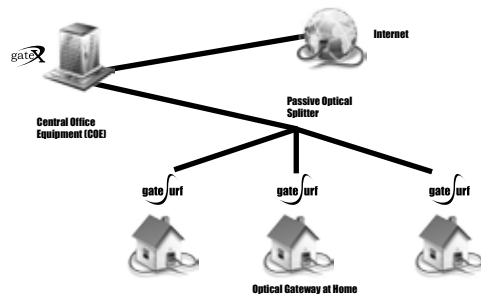
The CWDM PON OLT & ONU is the next generation PON System which provides cost effective solution for High Speed Broadband service providers to deploy fiber solution to the customer premises. Users will benefit with good quality of internet access even in demanding triple play environment – in which enormous data, voice & video contents are regularly accessed.

Ofisgate aims to contribute to the government's goal to achieve 50% broadband penetration by 2010. Ofisgate will ensure that the national information and communications technology (ICT) initiatives are being undertaken, to enable Malaysia to have more equitable access to, and participation in the new and emerging knowledge driven economic opportunities.

This solution has been successfully deployed in 25 schools at Cyberjaya & Putrajaya under school net program. It is the first Fiber-To-The-School (FTTS) project in Malaysia and the system is currently running at 10Mbps speed.



GATE-X CWDM PON Optical Line Terminal (OLT) converts Ethernet packet (IP) from metro network to access network using fibre network. It is able to handle 128 to 256 numbers of Optical Network Units (ONU). It is utilized at Central office and it offers up to 1Gbps to 10Gbps symmetrical bandwidth to 64 subscribers.



GATESURF is the remote Optical Network Unit (ONU) for GATE-X OLT. It is located at customer premises, whereby each GATESURF ONU will convert Ethernet packet transmitted from GATE-X OLT from optical to electrical. GATESURF ONU will be connected to either Set Top Box (STB) for IPTV or Home gateway or directly connected to devices such as Computer.