

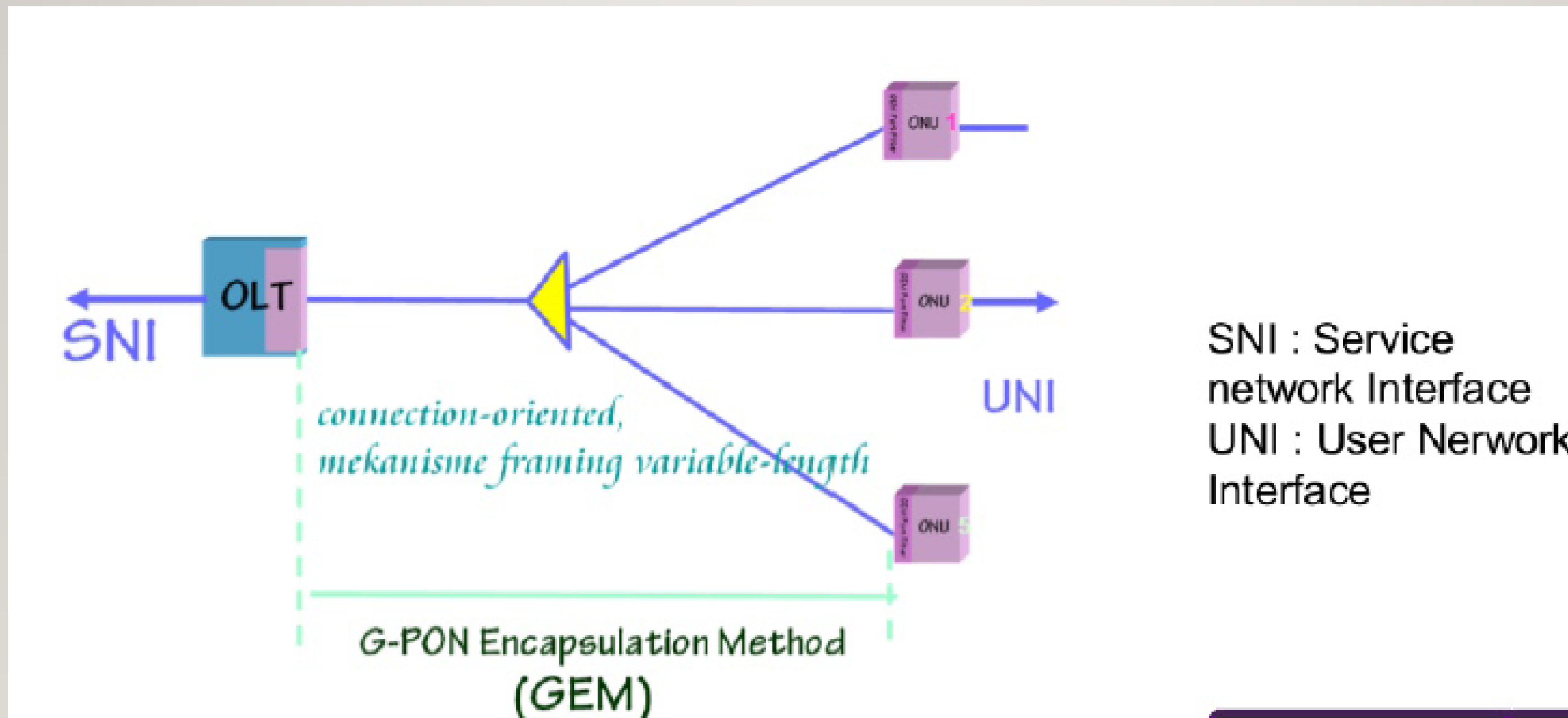
SISTEM KOMUNIKASI OPTIK

- **MATERI 11**
- **PRINSIP KERJA DAN TRANSMISI DATA GPON II**
- D3 Teknologi Telekomunikasi – Fakultas Ilmu Terapan

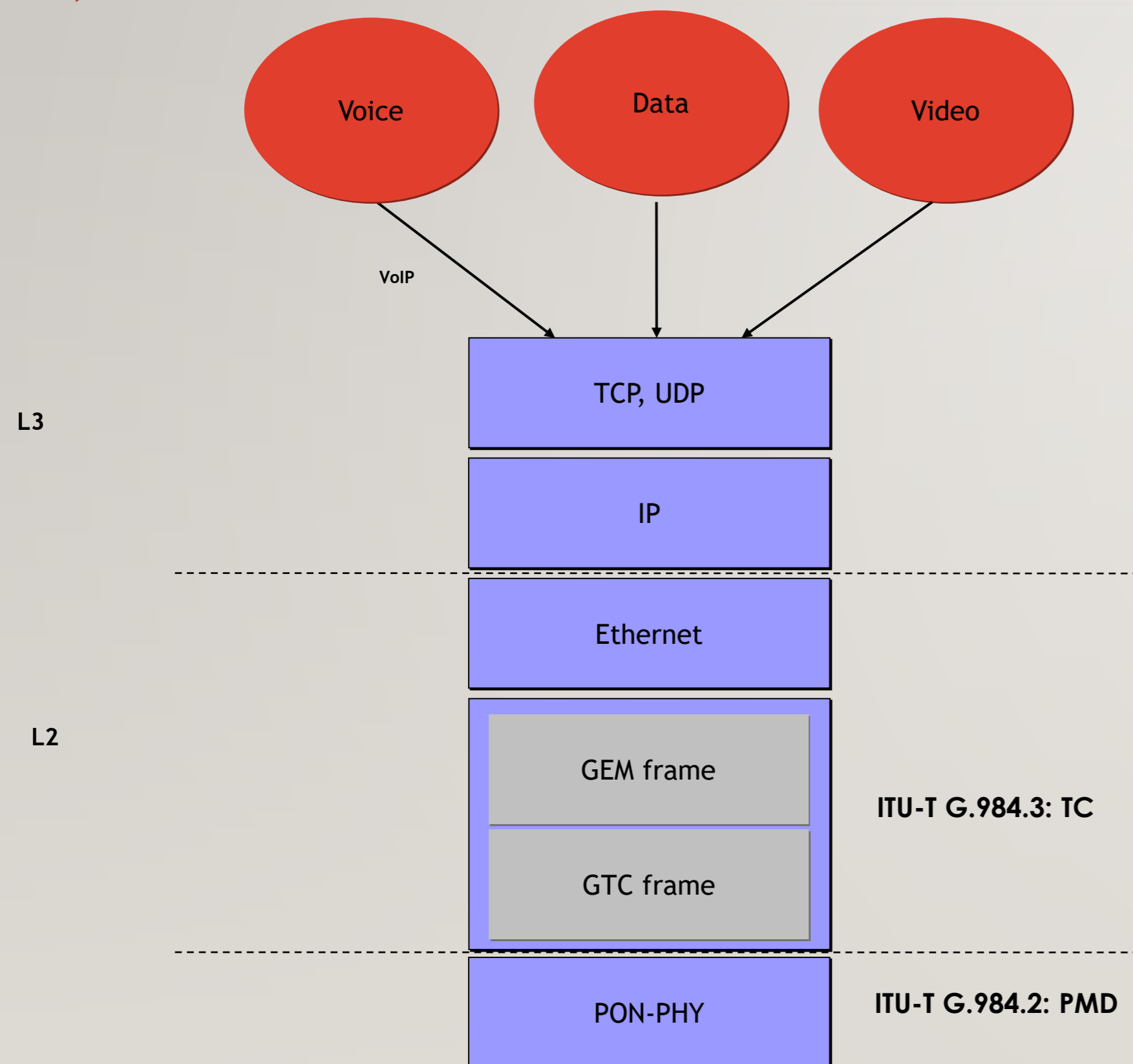


GPON Encapsulation Methode (GEM)

- ❑ DIGUNAKAN ANTARA OLT DENGAN ONUT/ONT
- ❑ PROTOKOL UPLINK TERGANTUNG SPESIFIKASI PERANGKAT.

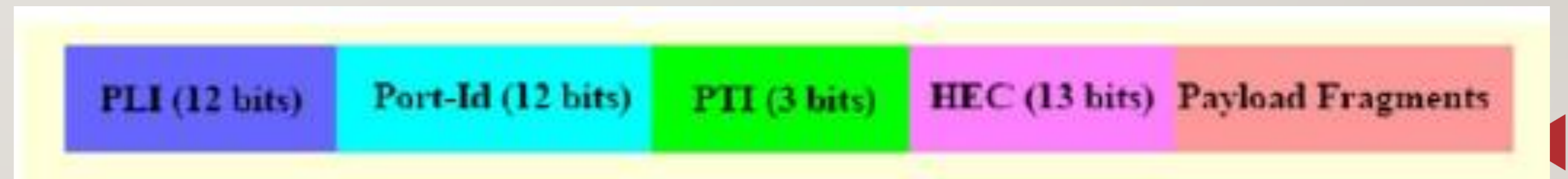


GPON Encapsulation Methode (GEM)

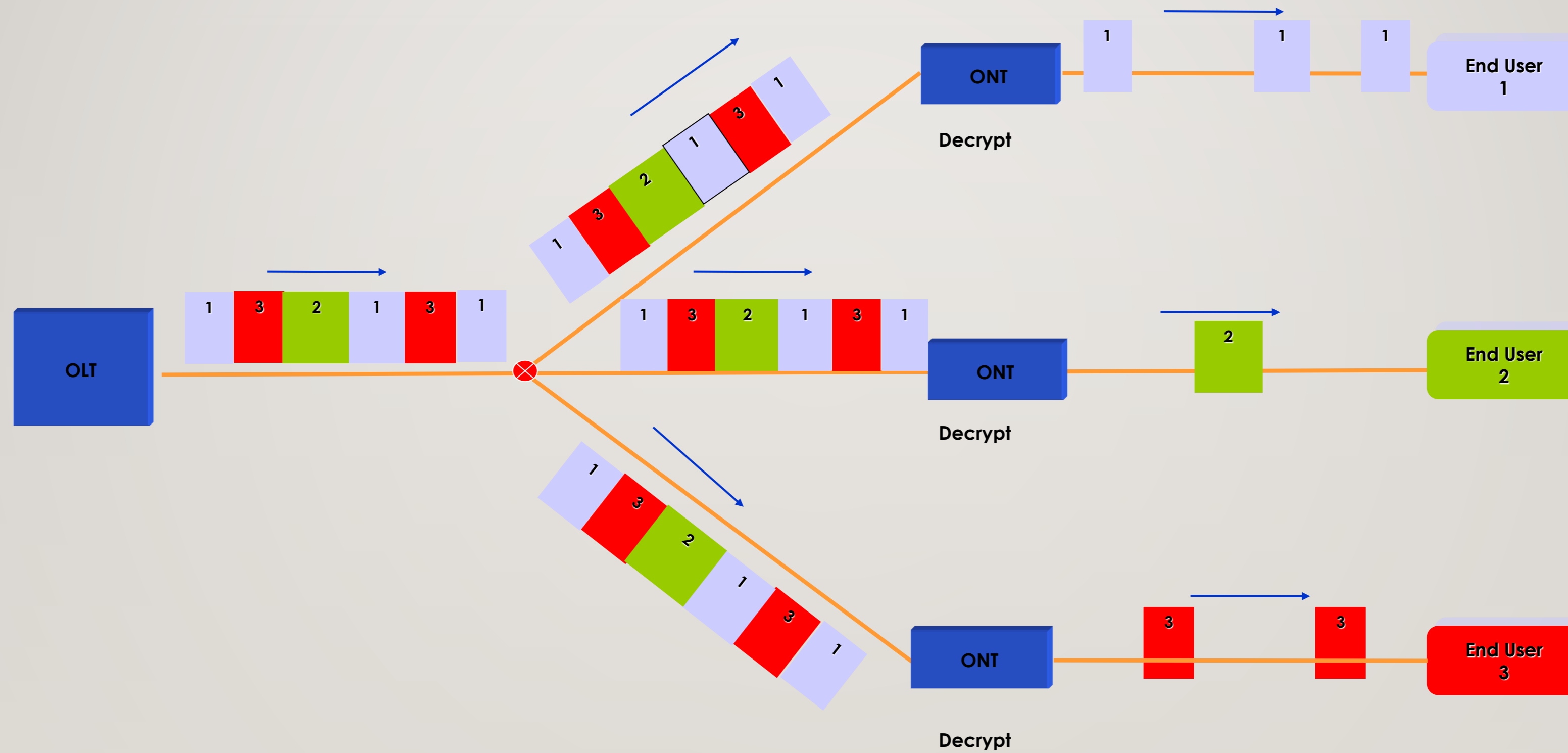


GPON :

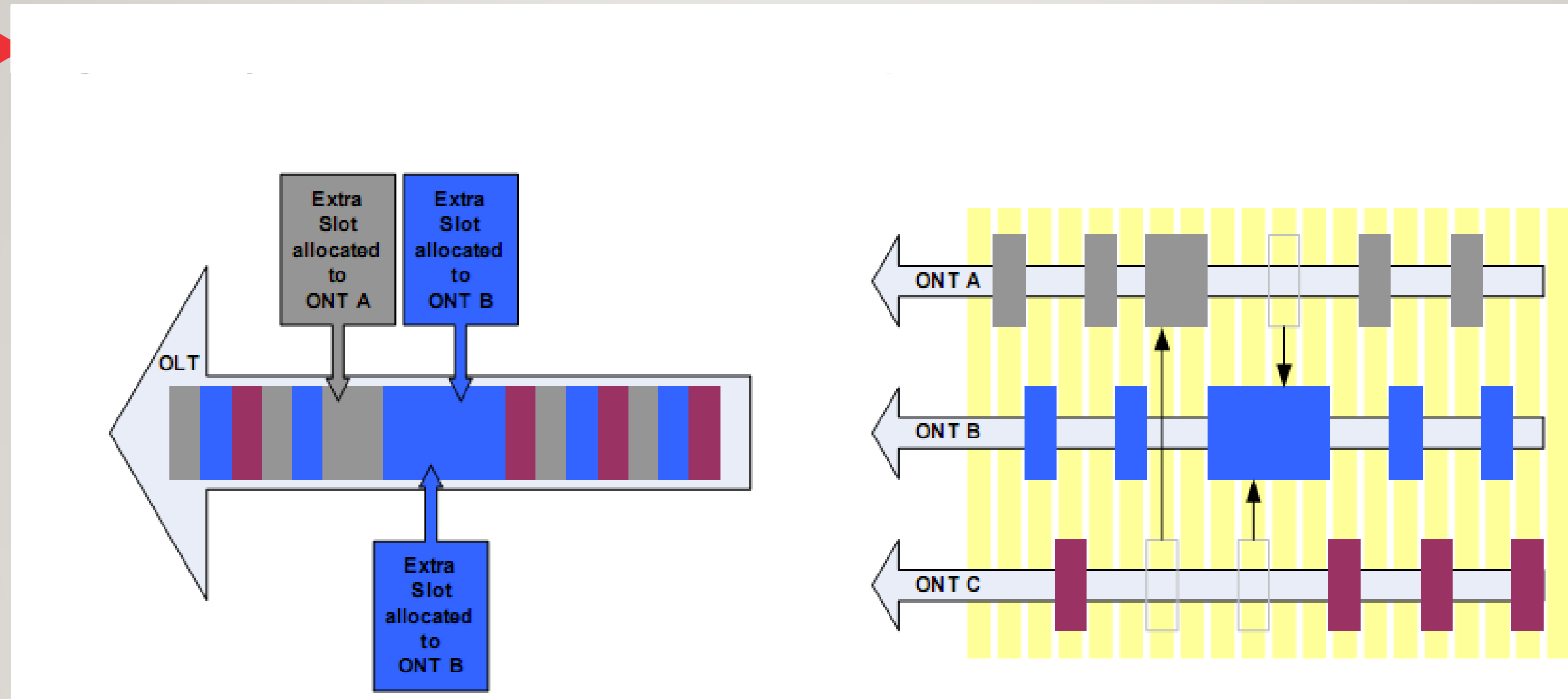
RF Video	Internet	IPTV	VoIP	POTS (64k)	T1	Voice over ATM
	IP			TDM		
	Ethernet			ATM		
	GEM					
GTC (125 μs frame)						



AES (Advanced Encryption System)



DBA (Dynamic Bandwidth Assignment)





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