

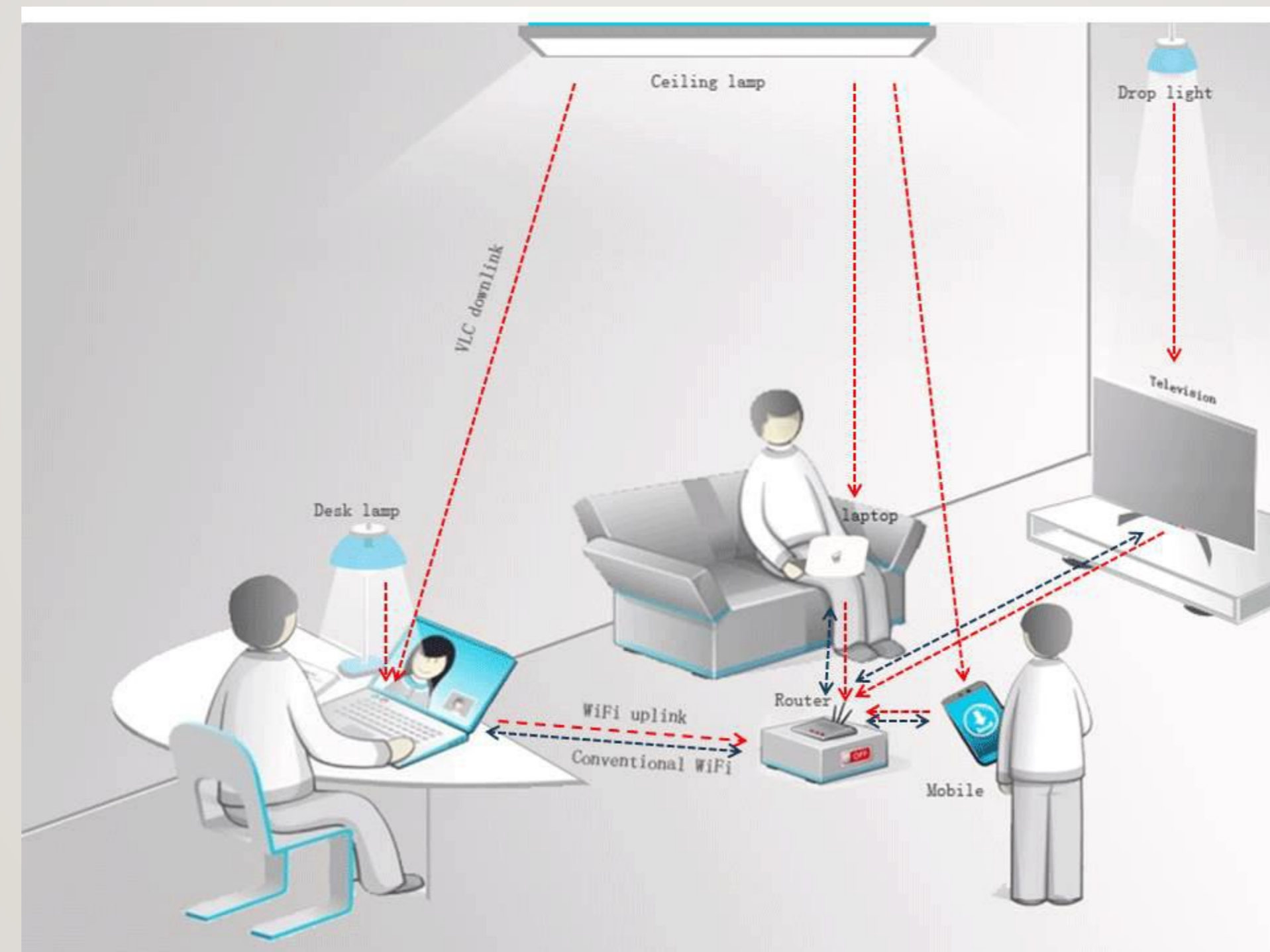
SISTEM KOMUNIKASI OPTIK

- **MATERI 14**
- **APLIKASI OPTICAL WIRELESS COMMUNICATION II**
- D3 Teknologi Telekomunikasi – Fakultas Ilmu Terapan



APLIKASI MEDIUM RANGE OWC

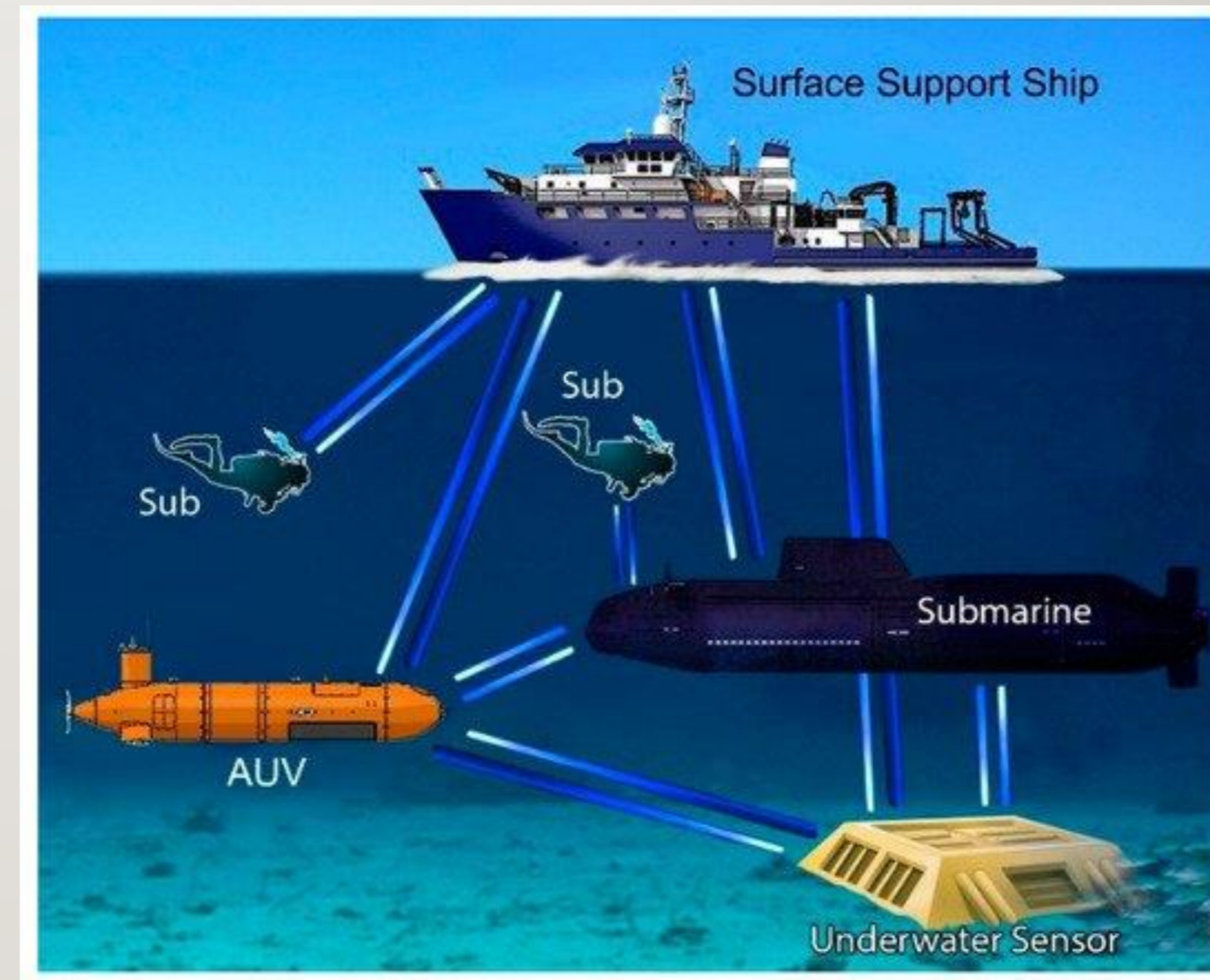
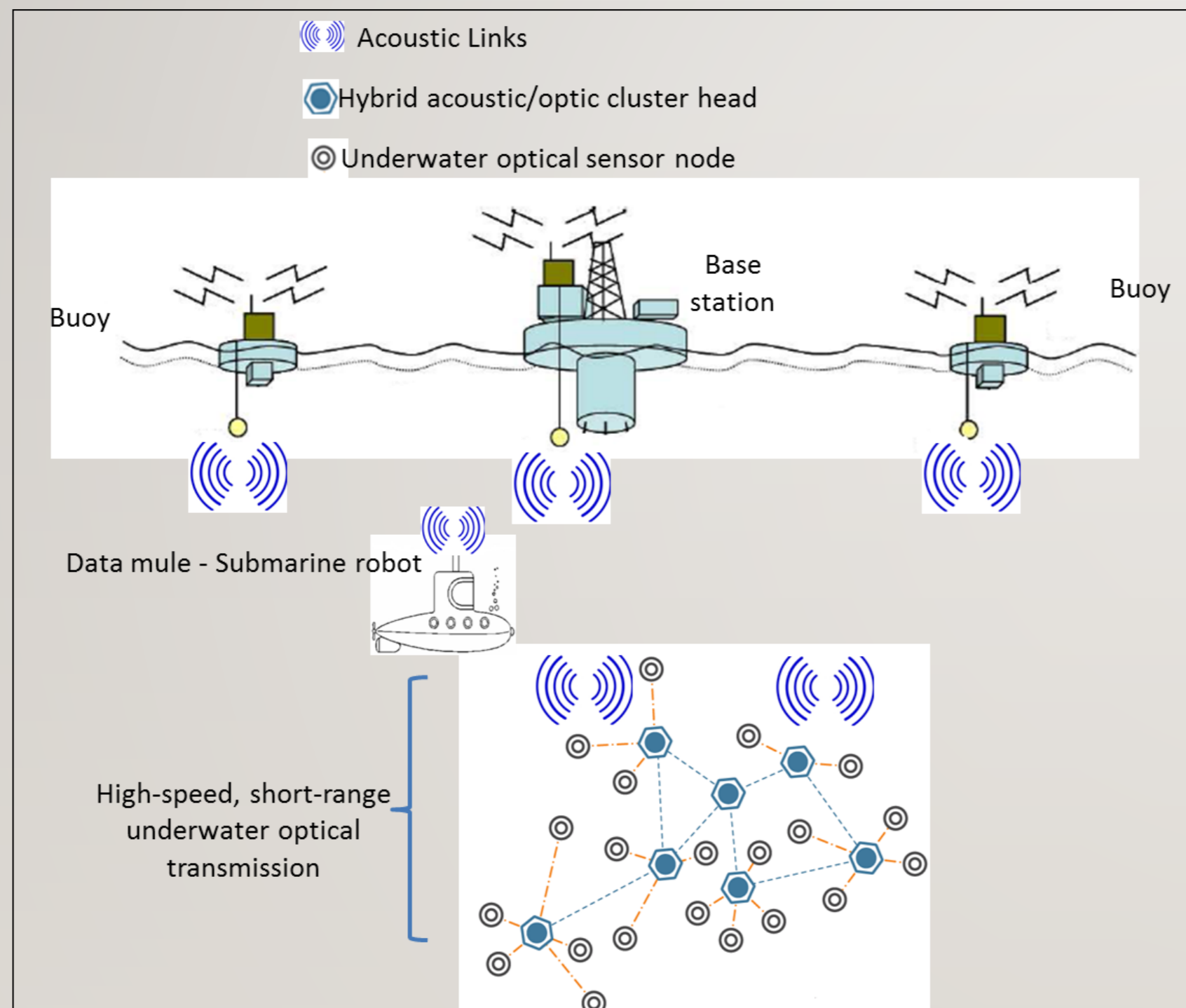
1. Optical Wireless Local Area Network (WLAN)



Visual Light Communication (VLC)

APLIKASI MEDIUM RANGE OWC

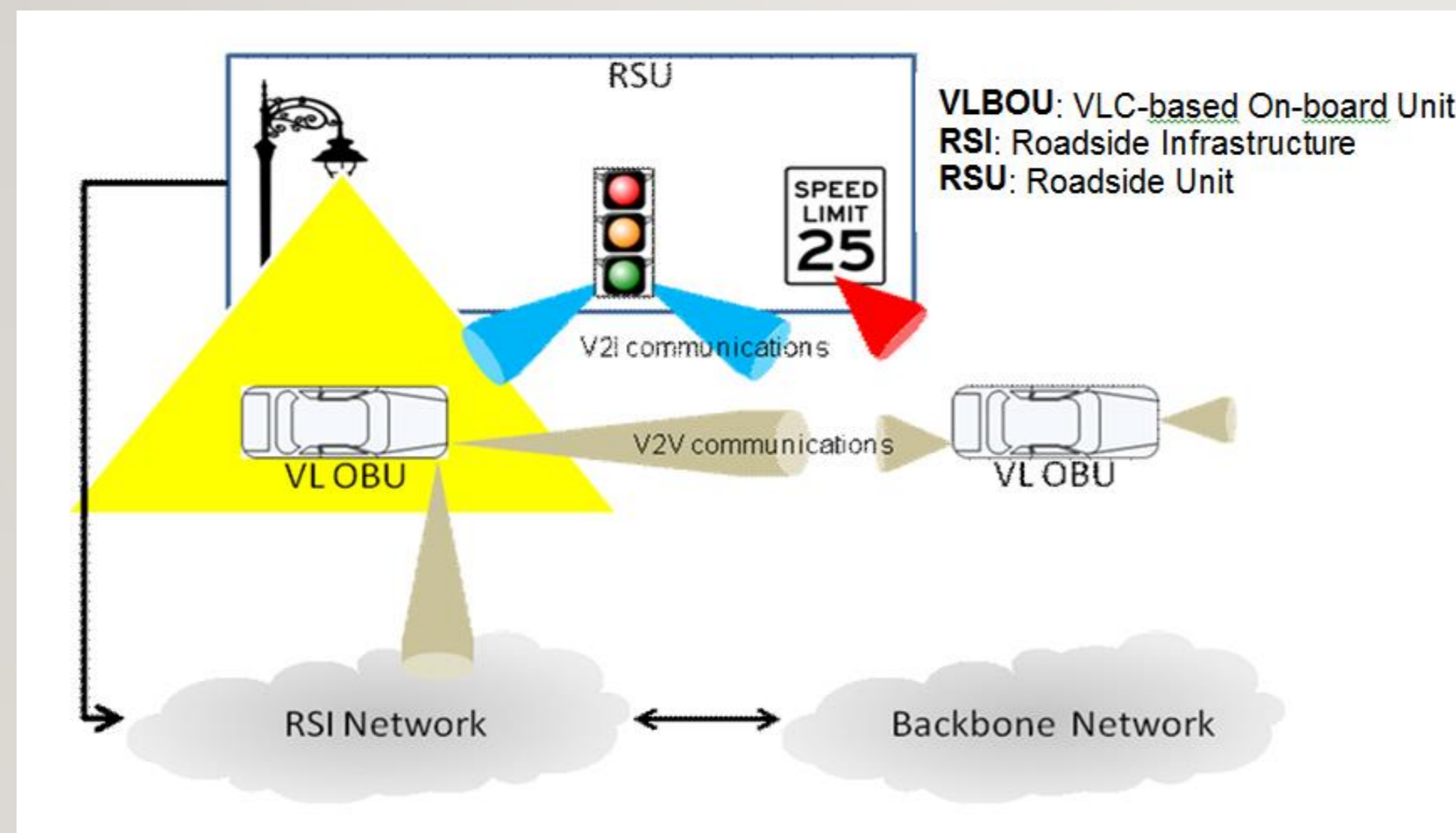
2. Optical Underwater Wireless Communication



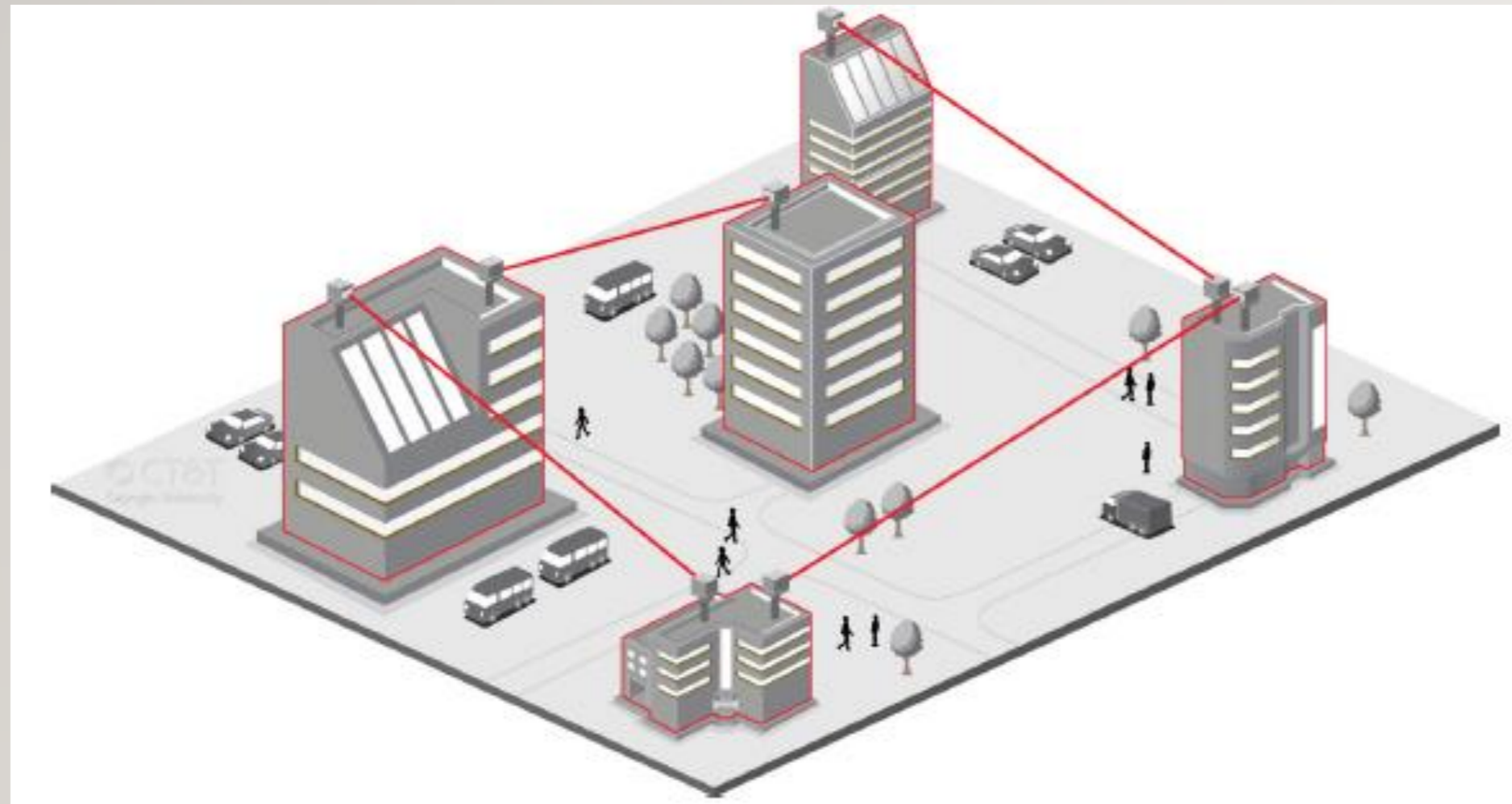
APLIKASI MEDIUM RANGE OWC

▶ 3. Optical Wireless VANET Communication

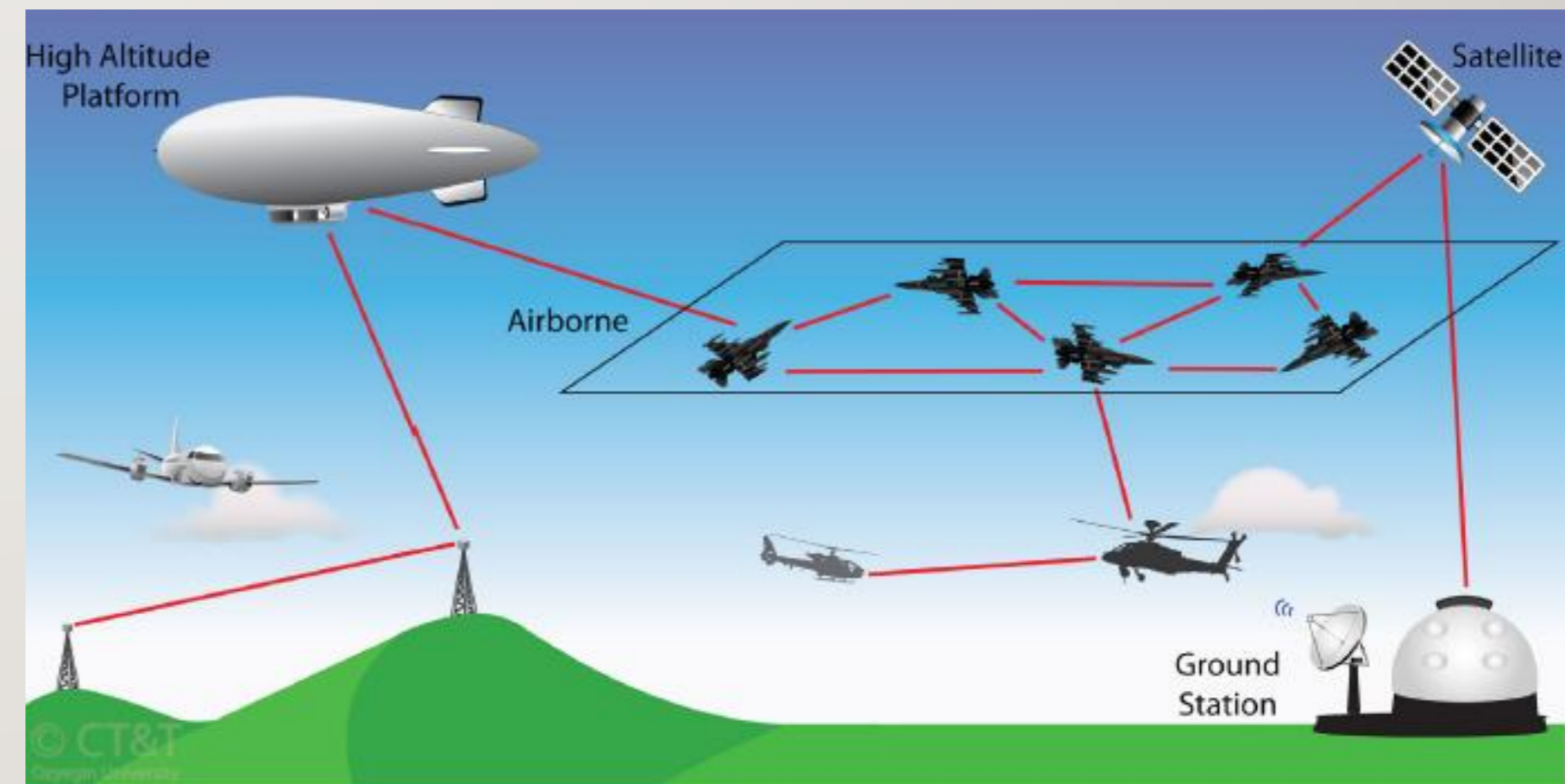
- ❑ Vehicle to Vehicle Communication (V2V)
- ❑ Vehicle to Infrastructure Communication (V2i)



LONG RANGE OWC



Gambar. Link FSO koneksi Antar Gedung



Gambar. Aplikasi FSO

ULTRA LONG RANGE OWC

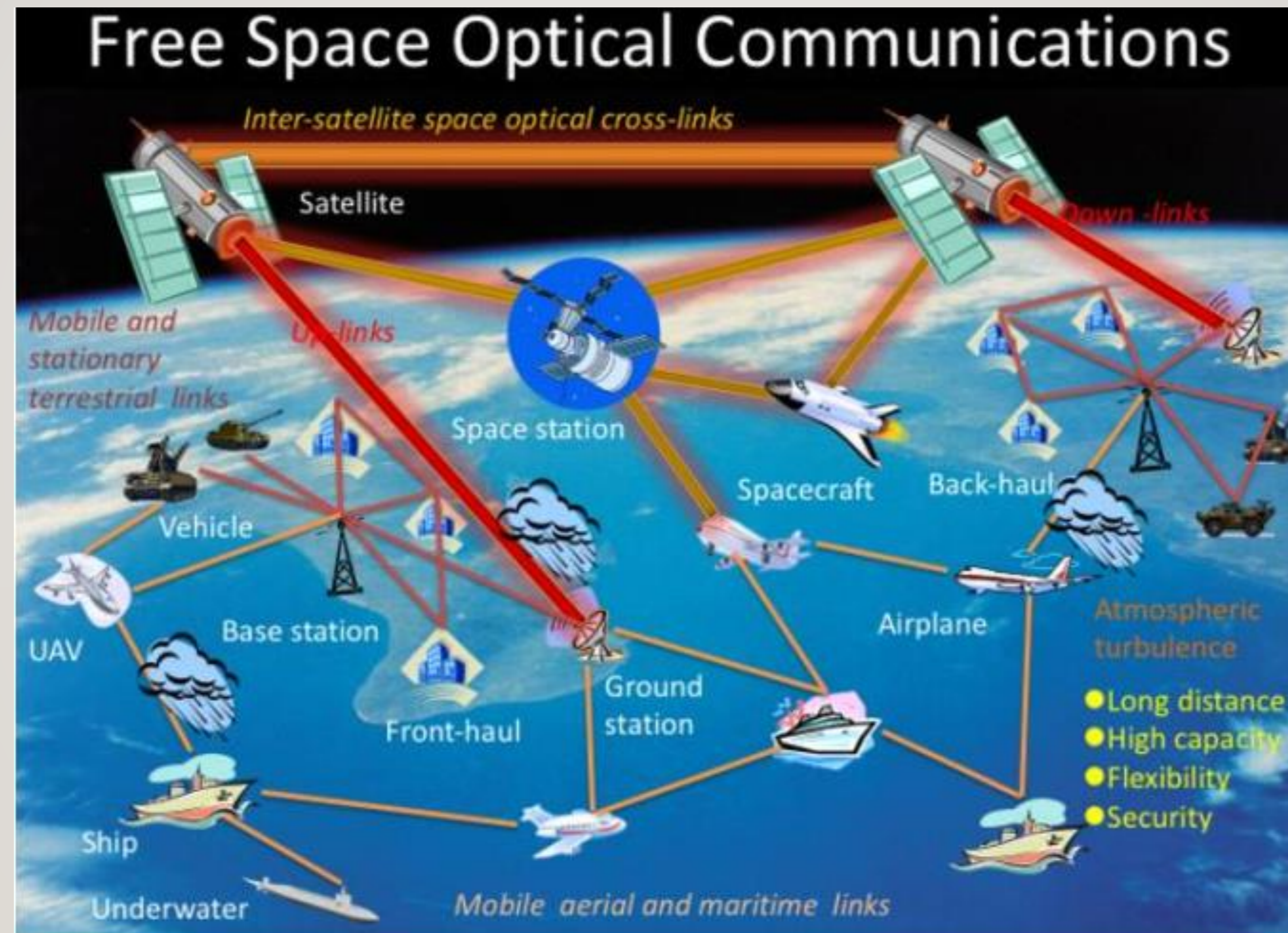


Figure 1. Free Space Optical Communication Network.



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