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FTTH / FTTx Infrastructure

Beirut, Lebanon

30th Aug. 2020

V1.0

Photo Album to Jim Hayes / FOA
By Omar Rawdah

Removing old copper & Reusing existing ducts / Sub-ducts- Distribution Network- OSP

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FTTx / FTTH nodes (splice enclosures) & OSP Infrastructure

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FTTH C.O. work-in-progress. Ogero Telecom

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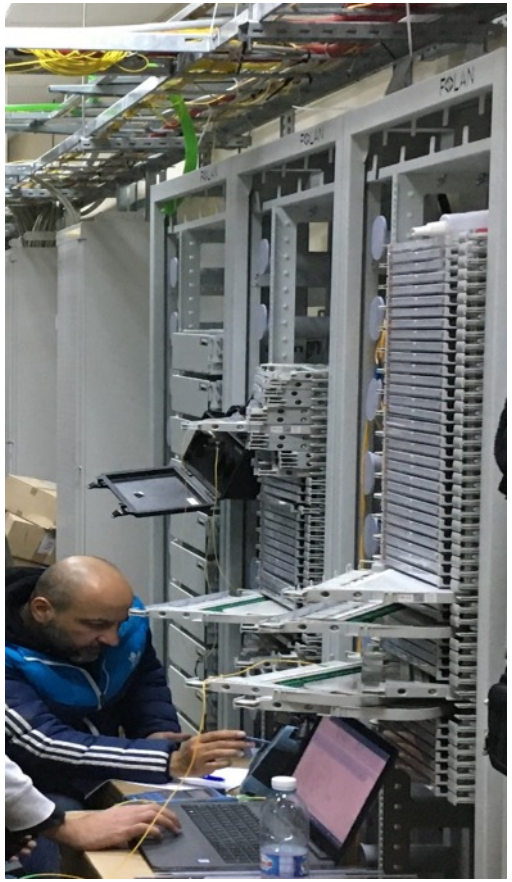

OLT splicing cassettes & PON splitters installed and tested, awaiting active OLT units. Fibre cabling management is essential.

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Examples of FTTO/FTTH Infrastructure- Beirut

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P2P FTTO (Enterprise) &
GPON FTTH (Residential)

Examples of FTTA Infrastructure

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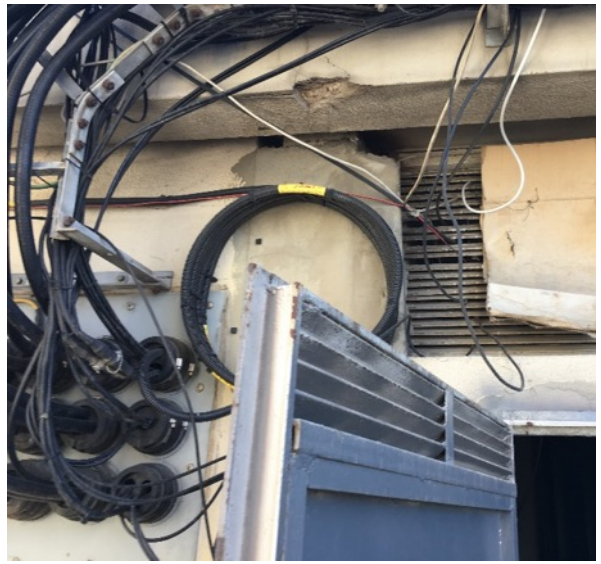

Examples of FTTH Infrastructure & Installations - MDU complex -Two Service Providers

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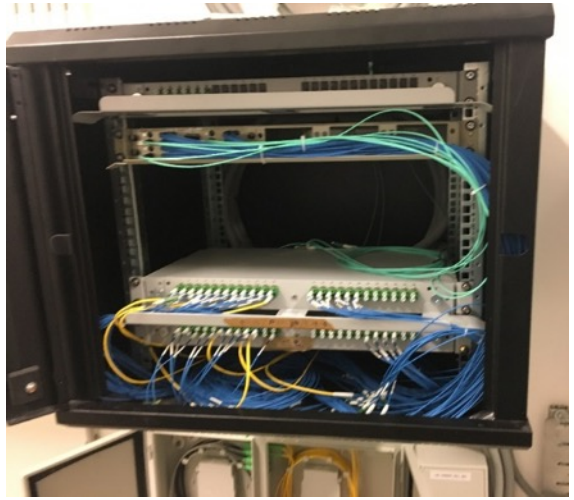

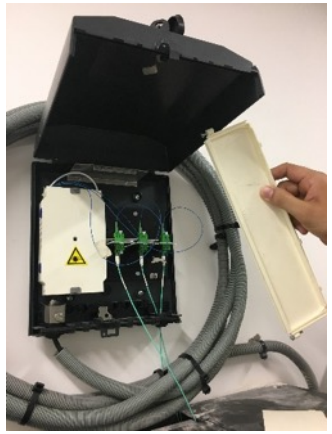

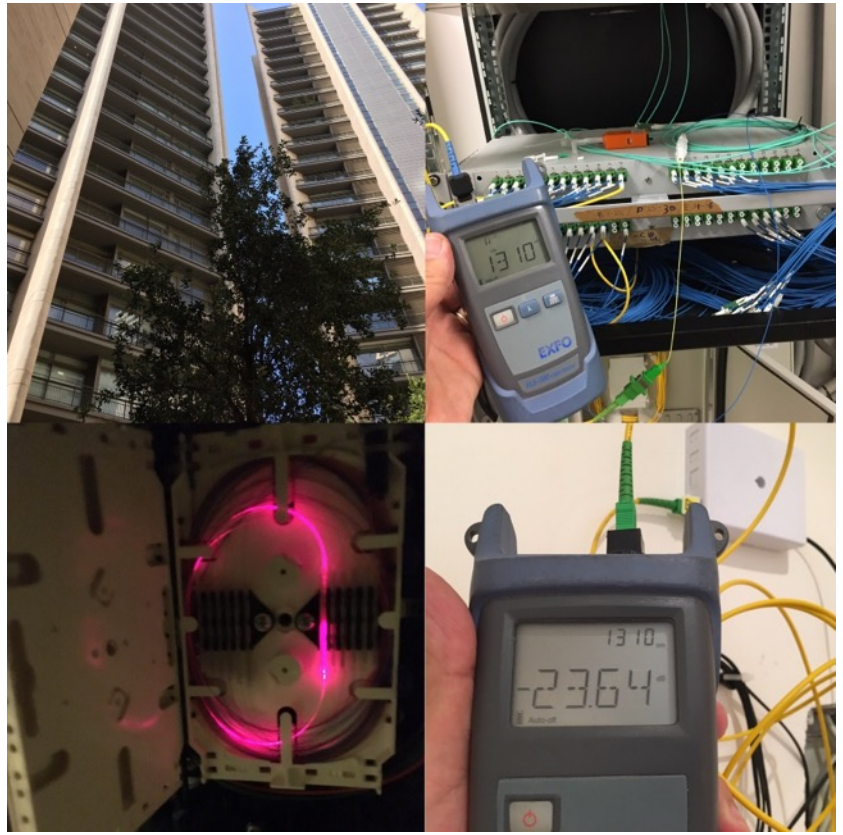

Examples of FTTH Infrastructure & Installations - Mid-Rise MDU

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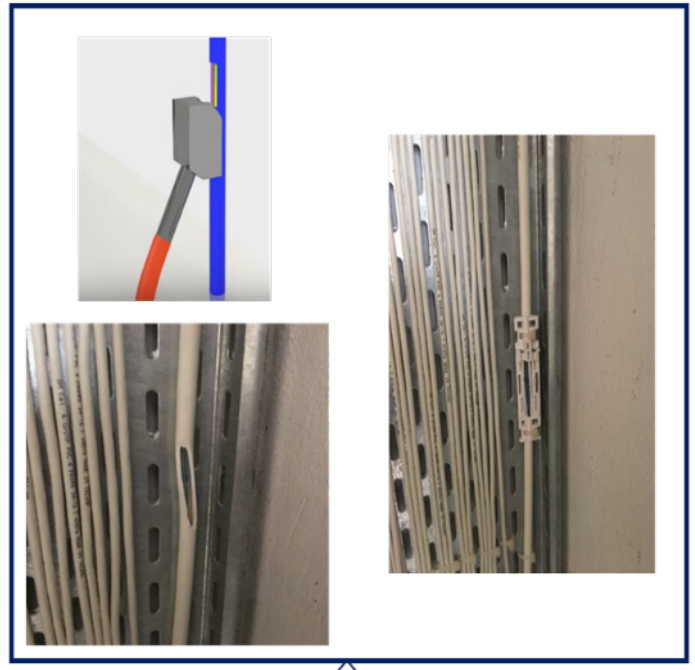
Riser Cable Laying From the roof top to the shared Telecom room and step transitions



Riser Cable Branching and fixing of the branch unit

Examples of FTTH Infrastructure & Installations - Mid-Rise MDU

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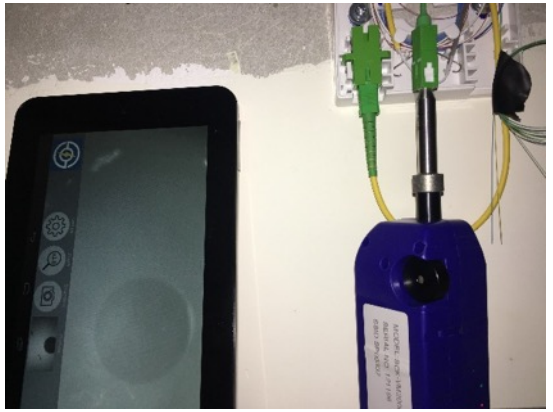

Examples of FTTH Infrastructure & Installations - MDU - New Development

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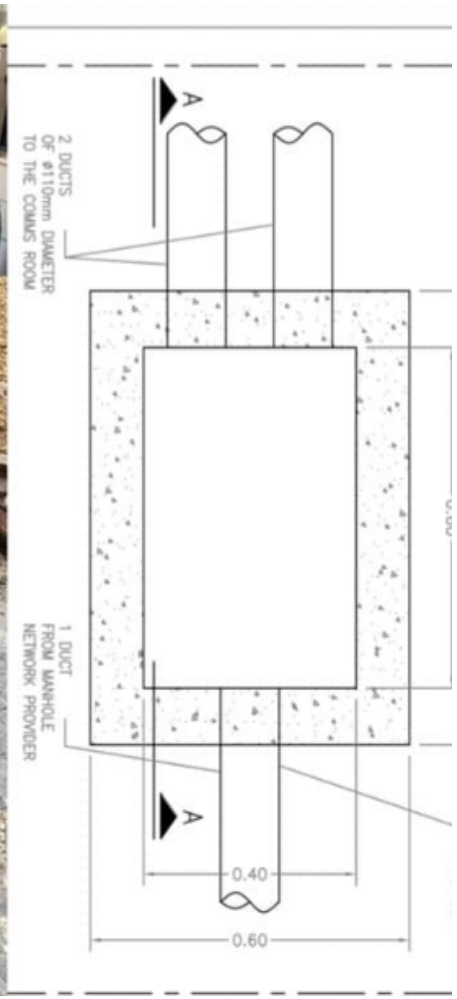

Example FTTH Infrastructure

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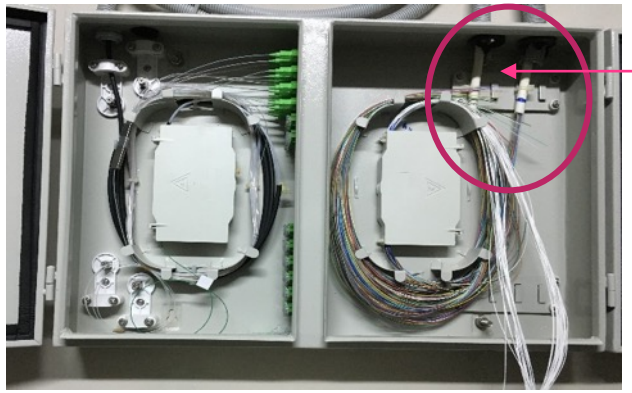
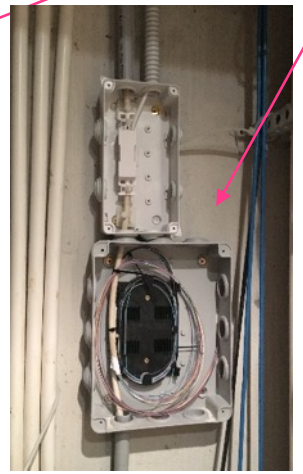
Only one riser cable per block

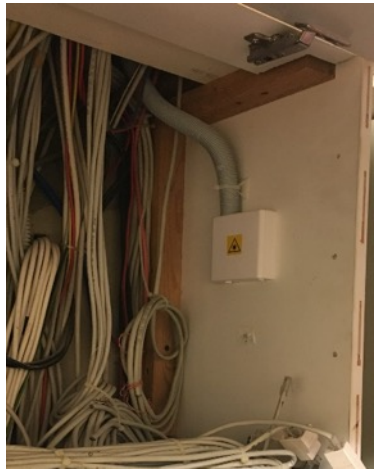


Only one riser cable per block

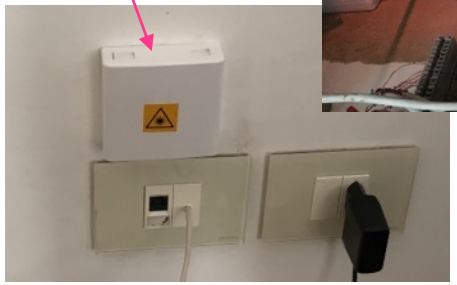
Fibre optics riser cables protected by PVC ducts & FDBs

Fibre optics cables protected by ducts & clearly labeled





Fibre optics home outlets



Tilal Beirut Tower (Achrafieh) & The Palms (Ramlet El Baida)

Titanium Tower 1 (Ain El Tineh)

Examples of FTTH Infrastructure & Installations - Old Properties

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Examples of FTTH Infrastructure- Older Properties

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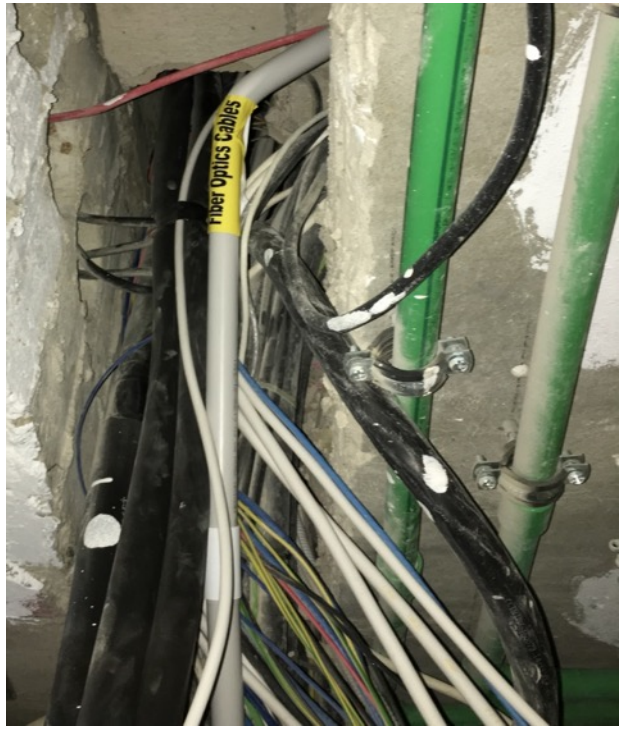
Photo (Left) shows FTTH BDB adjacent to legacy PSTN infrastructure. Clear identification of FTTH wiring essential.



Photos (Above) show FTTH wiring adjacent to MDU power cables; labeling of FTTH riser ducts and separation from power essential.

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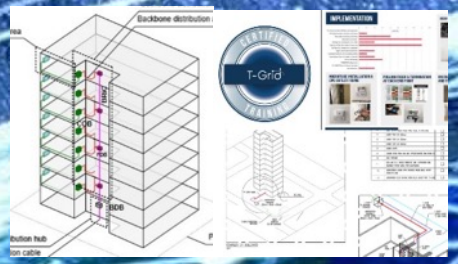
In-Building
FTTH Design & Installations

Specifications
& Guidelines



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