

EC SYSTEM Free space optics helps banking company in Luanda transmit data with high confidentiality

Sector: Bank in Luanda, Angola

Environmental conditions:

Luanda is densely populated Central-South African town situated close to the seaside. There is a lot of dust in the air; humidity is very high though fogs are rare. Temperatures are reaching 35 Deg. Celsius in average. Seismically the area is relatively calm.



Installation conditions:

The historical streets (where most of the bank branches are located) are narrow with limited possibility for digging and high risk of damage to already grounded cables and pipes. There exist no collectors in Luanda and there are hardly any plans of water supply and wastewater piping.

Reason for deployment of EC SYSTEM free space optics:

- 1 Gbps Full Duplex capacity with high reliability without interception
- High security of data transfer
- Fast and easy deployment
- No license and municipal regulation
- Reliability of connection in noise dense with big radio interference and earthquake

There have been deployed links EL-1GE and EL-1GL with capacity 1 Gbps and distance range up from 1000 to 2300 m EL-100 M with capacity 100 Mbps and distance range up to 7000m by our local installation company.