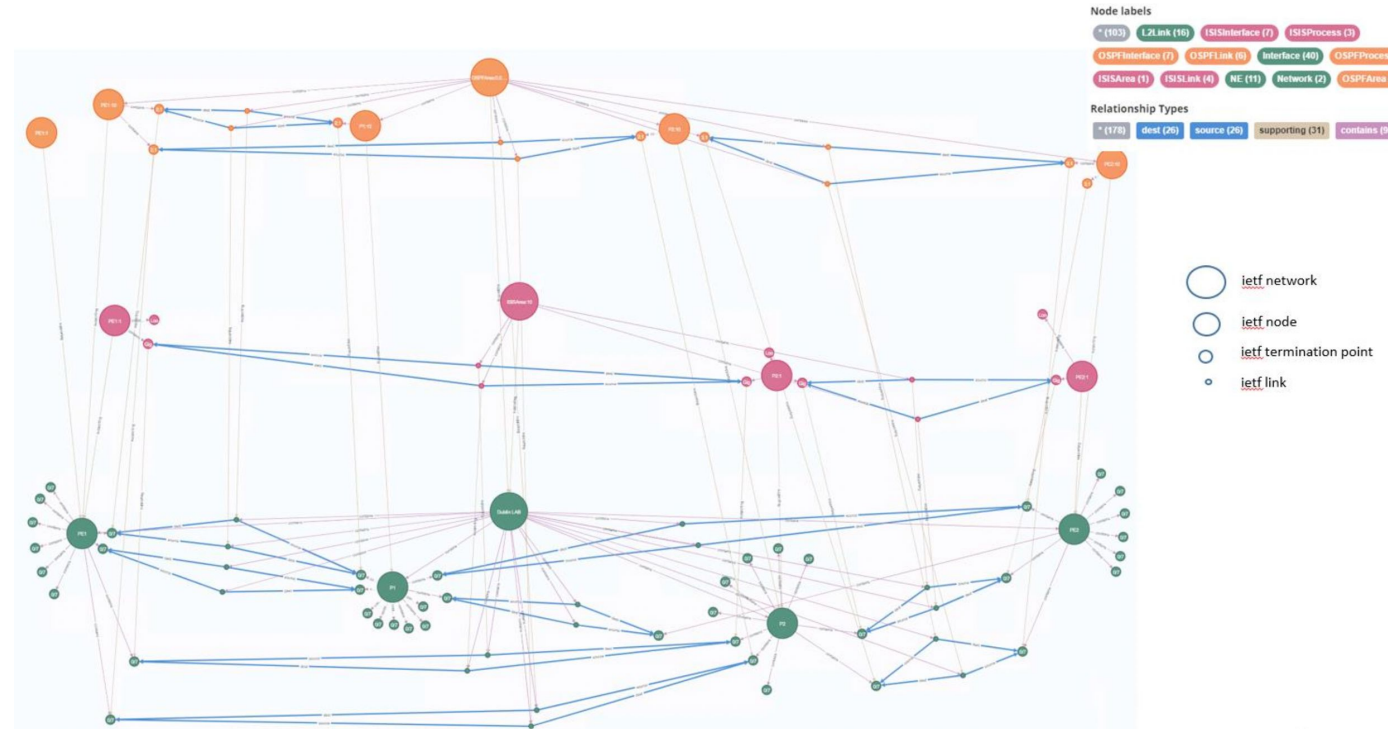


Low TEF Orbits

On Telefónica's basic interests regarding NTNs

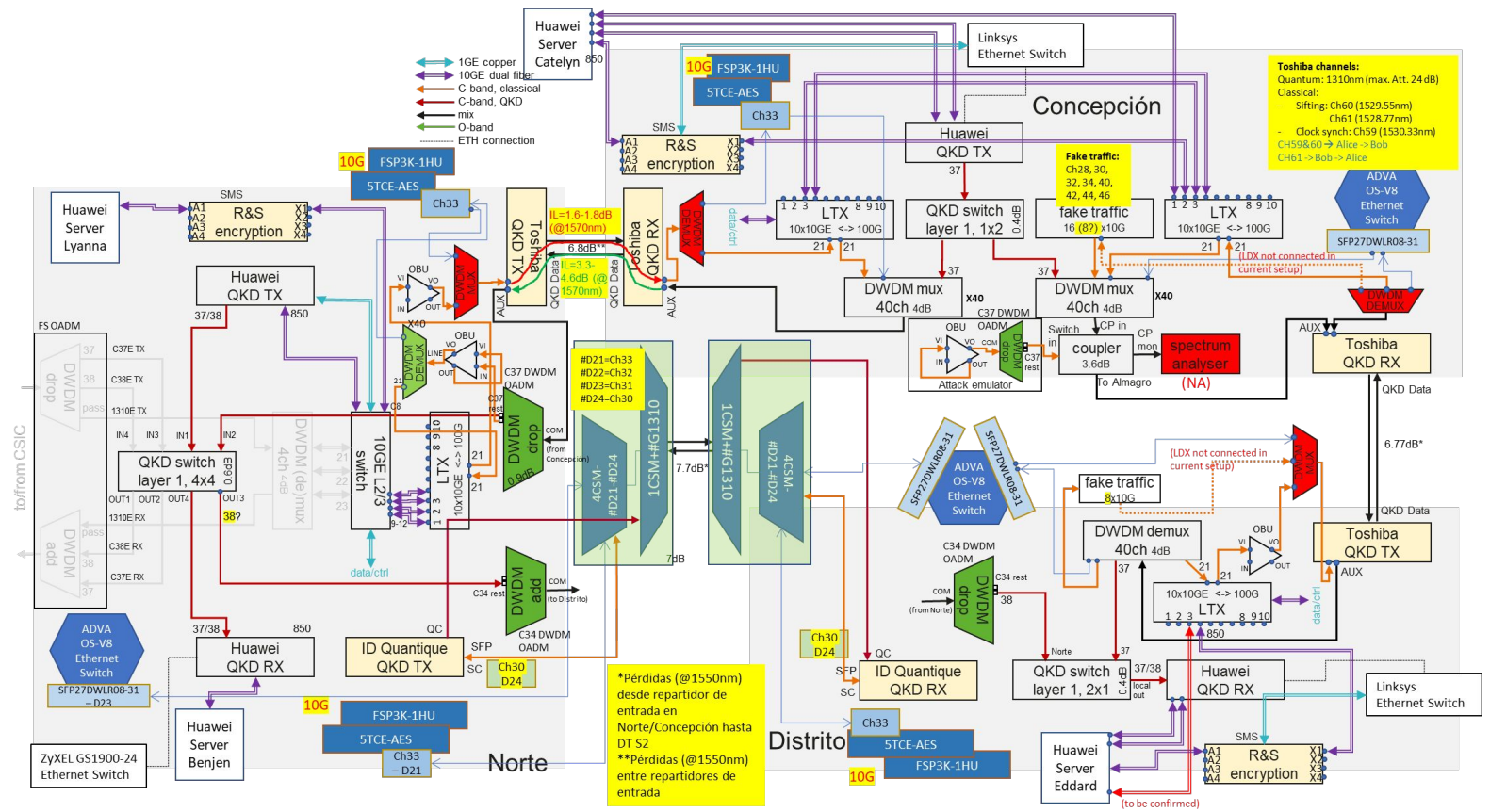
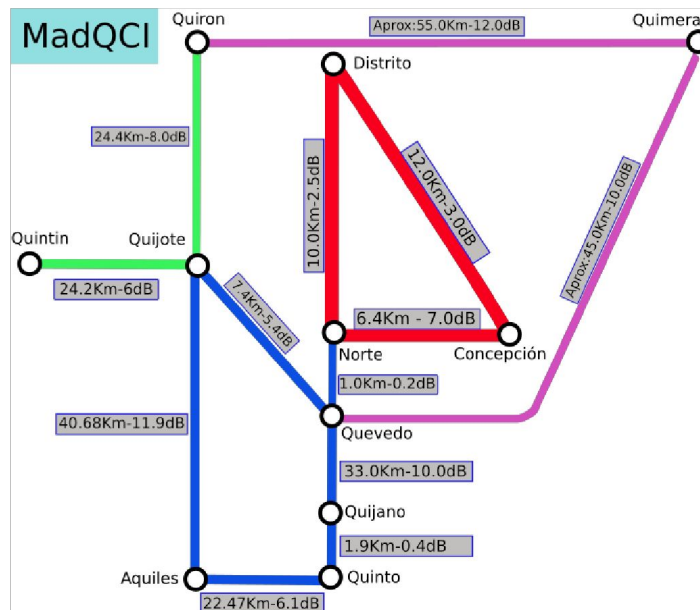
NTN Malleability

- The capacity of being adapted to network operational best practices
- Interfaces and models for
 - Routing
 - Management
 - Monitoring
 - Security
- Integration patterns for
 - Orchestration
 - E2E service definition (slicing?)
 - The edge-cloud continuum



Quantum Networks

Introducing the Mad QCI



QKD (and QN) NTN Integration

- A key goal to overcome the current limits in quantum optical distribution
- Support for high mobility and stringent security scenarios
 - Even if limits are pushed beyond
 - Defense, law enforcement, sensitive data in emergencies...
- Facilitate access to quantum services
 - Unique API for QKD key usage and management
 - ...
- Converged network management
 - Apply SDN and disaggregation principles

