

# Subsea expertise

EXA Infrastructure brings together 22 years of subsea experience from its roots in Hibernia Networks, Interoute Communications and KPN International. Our people have delivered complex and ground –breaking projects over the years, making EXA Infrastructure one of the most experienced independent subsea cable operators in Europe

**> 18,000km**  
Of subsea plant operated

**29**  
CLS operated

**11**  
Subsea cable segments

**17**  
PFE systems maintained

**22**  
Shore ends permitted and constructed

**9**  
Landing Party Agreements

**6**  
Consortium systems

**22**  
Years of design and operation experience

## Extensive portfolio of services to subsea cable operators

- Landing site selection and shore-end survey
- Landing party agreements, marine licences and permits
- BMH and fronthaul construction and maintenance
- CLS site selection and Design, Build, Operate
- Importer of record
- PFE and SLTE maintenance /remote hands System Operator / Maintainer
- NOC Services & Fault management
- Fisheries liaison & crossing agreements
- Qualified Power Safety Officers
- Backhaul Design, Build Operate
- Backhaul Network Outsource

## System Monitoring / System Operator /NOC Services

**EXA currently manages 11 subsea segments from the Dublin Operations Centre**

- Realtime system performance and fault monitoring
- Extensive experience of fault diagnosis and repair
- Management of repairs through APMA/ACMA maintenance contracts
- NOC technicians trained on multi-vendor wet-plant, SLTE and PFE systems
- Admin and legal team experienced in crossing agreements, marine permitting and seabed occupancy licences

## From building and maintaining subsea hubs

**Where our assets and presence allow scale to land our systems and third parties' and facilitate connectivity with our dark fibre and wavelength services' footprint, providing open Cable Landing Stations and related infrastructure.**

### EXA Infrastructure North & South

This system consists of 5 segments connecting England, Ireland, Northern Ireland, Canada and the US. EXA Infrastructure built and operates the cable landing stations and fronthaul in Southport, Dublin, Halifax and Lynn. In 2015 it subsequently added a branching unit and CLS in Coleraine (Northern Ireland). The EXA Infrastructure North & South system demonstrated strategic vision to provide direct access to Canada from UK, and alternative routes via Ireland which continue to be differentiated today.

### Mazara, Italia

EXA Infrastructure has landed 3 cables for our customers in Mazara, providing them different services like building and maintaining the CLS and related infrastructure, being their landing party, offering colocation and backhaul services and maintenance of their SLTE. This experience in Italy puts EXA Infrastructure in the premier position for subsea systems in the region and continues to lead to further growth and local expertise.

- DIDON (Orange Tunisie / Oredoo) (RFS 2014)
- Hannibal (Telecom Tunisie) (RFS 2011)
- Go-1 (Italy – Malta) (RFS 2008)

### Bari, Italia

EXA Infrastructure is Landing party for OTE Gwen (RFS 2003) and Bezeq Jonah (RFS 2012) cables in Bari. As landing party EXA provides CLS, related infrastructure (fronthaul), maintenance of the Line Terminal Equipment (PFE and SLTE) and backhaul services. Bari is further evidence of EXA Infrastructure local expertise in Italy as our fourth system in the region. This provides unrivalled reliability in building and maintaining systems in the region.

## our private cable systems...

### EXA Infrastructure Express

EXA Infrastructure built, and continues to operate since 2016 the fastest, most direct route between UK and the US. Including new landings and CLS at Halifax and Brean, plus a branching unit to Cork. The cable is wholly owned by EXA. EXA Infrastructure Express promoted ultra low latency (ULL) routes and helped financial markets. The ULL fibre service continues to provide superior service relative to substitute technologies and alternative fibre routes.

### TAT-14

Our team has continued to operate for 20 years the Netherlands CLS and provided system monitoring of the entire system on behalf of the consortium. This demonstrates how EXA Infrastructure can provide a range of services flexibility for CLS as is provided for TAT-14. The system has been recently decommissioned.

### Concerto

EXA Infrastructure's own cable, in service since 1999, connects the UK and Netherlands, including the operation of two cable landing stations in Leiston and Amsterdam.

## consortium cable systems...

### Janna

As a member of the JANNA consortium connecting Sardinia to Italy, EXA Infrastructure built and operates the Civitavecchia cable landing station near Rome since 2005. The extensive EXA Infrastructure expertise in Italy provides value to the Janna consortium in both building and operating the CLS.

## to joint ventures...

### Trans Adriatic Express

TAE is a joint venture between EXA Infrastructure and Trans Adriatic Pipeline. The network runs from Southern Italy to Turkey including a subsea cable across the Adriatic. EXA Infrastructure is providing the following services:

- Build and operation of Cable Landing Stations within Italy and Albania. RFS date in 2023.
- Construction 150km of new duct and cable providing backhaul between Melendugno CLS and Bari
- Operation of the entire 876km fibre network
- Provide NOC services for the subsea segment
- Provide consultancy service for subsea maintenance equipment along backhaul route

EXA Infrastructure demonstrated unmatched strategic, commercial and legal commitment and flexibility to enable the success of the JV. The willingness to setup the venture, ability to invest capital at the scale required and leverage of our existing asset base to maximise the returns are key to the success of the TAP JV.

## and landing and backhaul services for third parties

### Ionian subsea cable

EXA Infrastructure was contracted to provide fronthaul construction at Crotone, backhaul and colocation services for a Trans Adriatic cable system, within Italy. EXA Infrastructure also provides 2,500 km of dark fibres, building a bespoke solution including duct, cable and new ILAs between Crotone and Bari. EXA Infrastructure will provide remote hands services in these routes too. EXA Infrastructure has the expertise in the region to de-risk and reliably deliver the system considering all of the local access, government and logistical aspects.

**EXA Infrastructure has the knowledge and experience to offer legal, commercial, and business flexibility to meet the market's variety of demands in the subsea industry.**

