# Centerparcs Fibre and Data Installation

**Pod-Trak**

**CIVIL** ENGINEERING  |  **MV** WORKS  |  **COMMUNICATIONS**



*"Pod-Trak undertook a challenging communications and data installation project- to be completed under tight timescales in a challenging environment. Project deadlines were met and the data and fibre PON Network delivered without a single fault in the 12 months since opening"*
**Michael Kennedy,
Head of Operations, SSE**

**Retro An post Telephone boxes were installed as internet access points around the park**

**The project had many challenges due to Construction delay by others and design issues – but works were still completed on time and on budget.**

**AUG 2018 – JUN 2019**

**VALUE €1m**

**BALLYMAHON, LONGFORD**

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**T**he project was a design and build project to deliver a full data and telecommunications network throughout the park.

Originally a 450 acre forest- the park was formed and carved out of the existing Landscape to form a 470 lodge and 30 apartment facility. The park centrepiece is a state of the art central village with many amenities and attractions – supported by a network of forest activity centres. The new park forms a central part of the Irish Tourism offering for Europe and further afield and to date has been booked out to capacity.

Pod-Trak undertook the full design and build project with supply partners Belden on behalf of SSE. The main fibre network was a passive optical network (PON) supported by a stand-alone copper telephony network. The park was controlled by 2 Main Equipment rooms (MER) and 12 Secondary Equipment rooms (SER)- 82 roadside cabinets and a duct network of over 100km.

Pod-Trak also installed over 180,000 m of fibre and copper to build the network. Each lodge had an individual FTTH (Fibre to the home feed) and specified lodges had separate copper feeds for back up telephony systems. There was also a network of retro An Post telephone boxes installed throughout the park. The network was installed in 2 phases pre-Christmas 2018 and post-Christmas 2018, finishing off with the delivery of the central village equipment rooms and data installation.



**Cable installation and terminations**

In addition to this Pod-Trak undertook a full data installation of the Wastewater Treatment Plant- new UPS power supply and commission duties, CCTV and barrier installation works throughout the park. The MER and SER rooms were fitted out by Pod-Trak to support the park communications network as well. At project end- Pod-Trak have been awarded the MV Maintenance project to maintain the MV Power network supporting the park- so our involvement continues with the Centerparcs team!