



TWINS COMMUNICATIONS
A TC GROUP BUSINESS

INNOVATING FIBRE DEPLOYMENTS WITH OPENREACH PIA

How our guidance can maximise
return on investment

TWINSCOMMUNICATIONS.CO.UK



The next wave of networks

Powered by Openreach PIA

Network build can standardly cost accounts around 80% of communications service provider's capital expenditure. The planning and deploying the next wave of access networks enabling superfast broadband, video, and telephony is a time-consuming and expensive business process.

Twins Communications and Openreach Physical Infrastructure Access (PIA), communications service providers can utilise and share existing Duct and Pole Infrastructure to deploy faster, resulting in reducing costs and effortlessly getting the edge over competitors.

Furthermore, with Twins Communications guidance, services and tools, we can help save as much as 50% compared to traditional network build costs. While helping to improve building yields, avoiding street works resurfacing initiatives like the usual Section 58s, this helps to minimise disruption to residents for a real customer-friendly experience and an overall more appealing service.

Streamlined Duct and Pole Access

Understanding of PIA regulations

Twins Communications is an integral contributor to the ongoing Ofcom consultation process, and Twins Communications brings a knowledgeable and intimate understanding of PIA regulations and how to apply them in professional practice.

Our Open reach-accredited team can give the highest level of strategic and operational support needed, from validating a business case for PIA to assessing PIA plant records to certify the extent, usability, as well as the integration process of existing infrastructures.

End-to-end, our team uses our real-world experience to guide communications service providers through the process.

We can also create customer-specific architecture, planning and build specifications, enabling multiple planning with build partners to be engaged seamlessly for resilience and scalability.



making communications work
for everyone



PIA solutions regulations

Advance applications engineering

Twins Communications hands-on experience in design, cost optimisation and best practices, helping our clients meet PIA's unique conformity requirements to avoid costly errors.

Our team will demonstrate the product solutions available, where they are best used, explaining how these solutions can be customised to FTTX applications.

Twins Communications is at the forefront of the latest PIA technologies and techniques, including laser and GPS technologies that ensure more accurate, efficient plans—as a result, helping communications service provider's to maximise both usage and commercial advantage.

Informed decisions

Detailed scenario modelling

Twins Communications underlying GIS system gives clients the advantage of rich data whenever and however, it's needed. With new ways of analysing, interpretation and the ability to act on intelligence.

Our team can model and compare options about where, how and when to build networks. In our experience, the hybrid of PIA and its own-trenching is often the most efficient and effective strategy.

The advantage of modelling enables our team to make quick comparisons between the methodologies of overhead (OH) and underground (UG), traditional and narrow trenching, plus the mix-and-match approach to deployment.



Optimise PIA planning

With Twins Communications integrated automation

To ensure faster, more informed and quality planning, Twins Communications combine experience with an advance toolchain.

Highly-developed design algorithms deliver speed producing productivity gains in excess of 100% compared to the conventional approach of planning. This increases the design quality by removing the risk of human errors.

Twins Communications innovative system also enables accurate data capture and real-world measurements. This is crucial in the context of PIA where the originating Openreach digital plant is sometimes inaccurate. Giving clients the level of accuracy needed to avoid mistakes and achieve materials and build labour savings with offsite customisation.

This is all in a toolchain that can deliver fundamental planning and detailed design at incredible scale, including leveraging our offshore capabilities to reduce costs.

Stress free build

Extensive support services

Working with Twins Communications for PIA, CSPs get our proven expertise for every aspect of network builds.

We will support them in everything from the PIA order administration process to network build management, tackling problems efficiently and effectively to ensure your project go to plan.

Placing PIA experts in the field means immediate product adaptations for PIA, on-demand re-planning using Twins Communications field tools, rapid option analysis and simple red-lining updates to plans.

A powerful and effective way to build confidence with BT Openreach, smoothing relations and enabling problems to be resolved quickly. Twins Communications support clients for the long-term, with accurate as-built documentation that can be used when Openreach need to conduct routine maintenance.

About Twins Communications

Over 30 year's experience in the telecommunications industry

Twins Communications is the telecoms provider you can trust with a highly trained and efficient workforce, providing our clients with a one stop solution for all their communication needs.

Our Values

Developing a culture of value for the world in which we live means investing in our people. Whether it is supporting charities, assisting in the tackling of youth unemployment or getting involved in local community schemes, we welcome any opportunity to engage. We are committed to the communities we serve.

Our Team

All of our engineers are trained to the highest industry standards which ensures we can always react to the different challenges that our clients require.

Our Technology

Our core systems are created in-house by our agile development team so they can cater exactly to the needs of our workforce, management and clients. These range from route scheduling tools and project specific







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