

AN INTRODUCTION TO FNS

TURN KEY SOLUTION EXPERTS FOR THE UTILITIES SECTOR



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ABOUT US



WHO ARE **FNS**?

Our goal is to be the leading provider of turnkey solutions in the utilities industry, serving as the first port of call for our clients. We strive to lead the market by offering innovative, comprehensive solutions that meet the evolving needs of our customers and drive industry advancement.



Approach

Engineering excellence is at the core of everything we do. We are committed to delivering solutions that meet the highest standards of quality, performance, and reliability.

Our attention to detail ensures that every project is executed flawlessly, from planning to delivery. We pride ourselves on a meticulous approach that guarantees superior results.

Our focus on a right-first-time approach allows us to avoid costly delays and rework. This commitment to precision and efficiency has been key to our sustained growth and success.



Growth and Market Leadership

Over the past seventeen years, our dedication to excellence has helped us grow into a prominent force in the telecoms sector. We are continuously expanding our capabilities, ensuring we remain the trusted partner for utilities companies seeking reliable and cutting-edge turnkey solutions.



MISSION

**TO EMPOWER OUR TEAM TO BE CURIOUS,
FORWARD-THINKING, AND INNOVATIVE,
CONSTANTLY EXPLORING POSSIBILITIES AND
PURSuing DREAMS.**

We are committed to finding better, faster, and more efficient ways to deliver turnkey projects for our clients while taking pride in our work, nurturing the environment, and supporting the people around us. We aim to integrate the diverse skill sets across our businesses to create innovative methods for delivering FTTP networks. Through these methodologies, we will demonstrate the most effective and sustainable use of our equipment, setting new standards for excellence and innovation in the industry.



VALUES



VALUES



HEALTH & SAFETY COMMITMENT

We prioritise the health, safety, and well-being of our team members, clients, and the communities in which we operate. Through rigorous training, adherence to industry standards, and the implementation of comprehensive safety protocols, we ensure that every project is carried out in a safe and responsible manner. Our proactive approach to risk management fosters a secure working environment, promotes accountability, and demonstrates our commitment to care and excellence in all that we do.





OUR PEOPLE

Our team is the foundation of our success. We value the unique skills, perspectives, and dedication of every individual, fostering a supportive and inclusive environment where everyone can thrive. By investing in the growth, training, and well-being of our people, we empower them to innovate, collaborate, and achieve their full potential. Together, we build strong relationships, deliver exceptional results, and drive positive change within our team, for our clients, and the wider community.



OUR COMMITMENT TO THE ENVIRONMENT

We are dedicated to protecting and preserving the environment in every aspect of our work. By adopting sustainable practices, minimising waste, and utilising resources responsibly, we strive to reduce our environmental impact. Through innovation and care, we aim to create solutions that are not only efficient and effective but also environmentally responsible building a greener future for generations to come.



VALUES



PERFORMANCE

Performance is at the heart of everything we do. We are committed to delivering projects on time, to the highest quality standards, and with efficiency and precision. Through continuous improvement, innovation, and collaboration, we set ambitious goals and consistently exceed expectations. By measuring success through results and learning from every opportunity, we ensure that our clients receive the exceptional performance they deserve.



VALUES



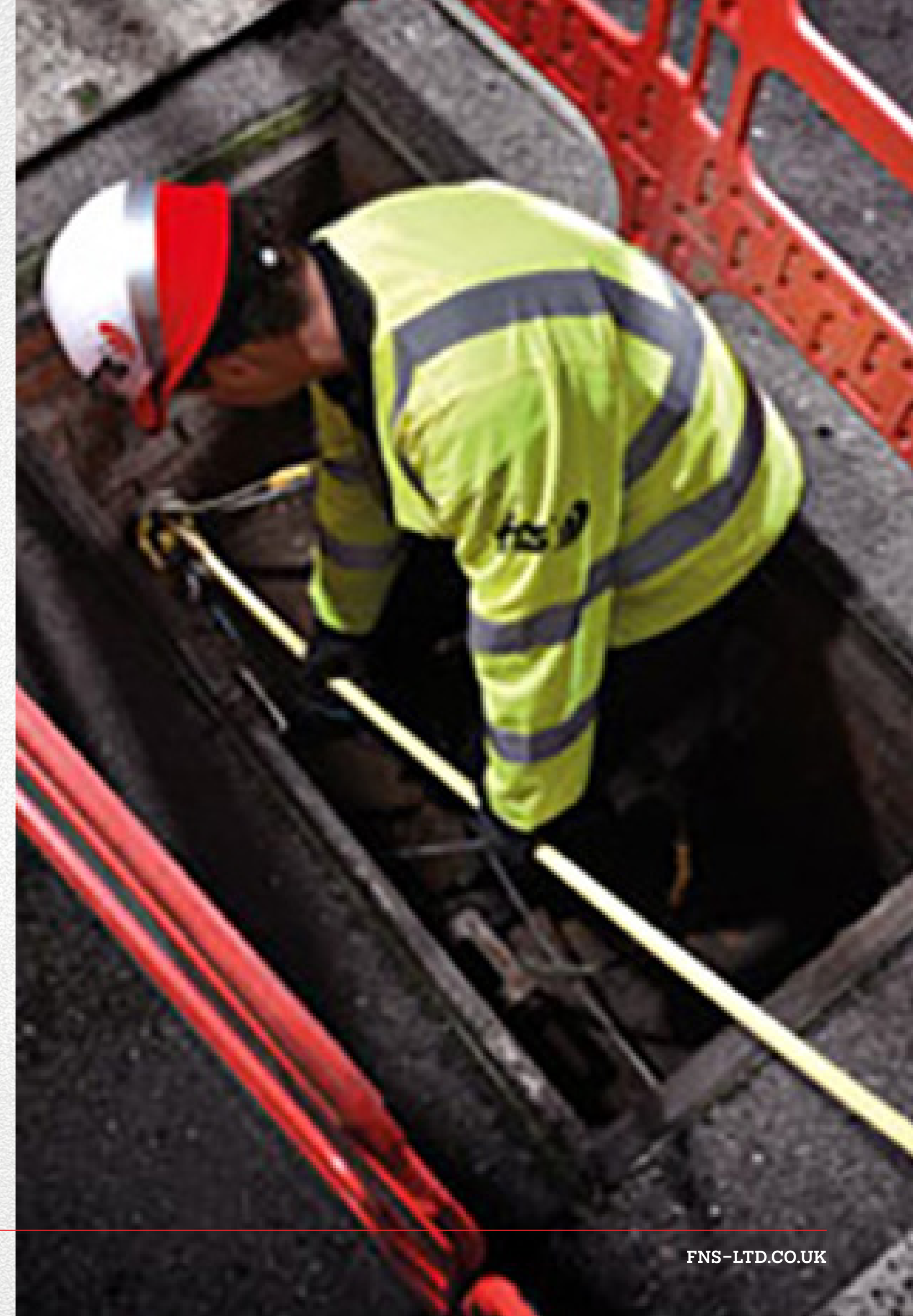
CUSTOMER

Our clients are at the centre of everything we do. We are dedicated to understanding their needs, building strong relationships, and delivering solutions that exceed expectations. Through open communication, tailored strategies, and a commitment to safety and quality, we ensure that every client experience is positive, collaborative, and successful. Your goals are our goals, and we take pride in delivering results that make a difference.



VALUE

We are committed to delivering exceptional value to our clients, employees, and communities. By combining innovation, expertise, and efficient solutions, we ensure that every project and service provides long-term benefits and meaningful results. Our focus on quality, sustainability, and collaboration allows us to create solutions that enhance performance, drive success, and build trust. We measure our success by the positive impact we bring to those we serve.



OUR CAPABILITIES

Our team is equipped with comprehensive training across all aspects of our work, ensuring expertise and professionalism at every stage. We own and maintain all necessary equipment, allowing us to maintain full control over quality, scheduling, and operational efficiency. With access to state-of-the-art tools and machinery, we are skilled in both traditional and modern installation and testing methods—delivering precision and quality every time.

01

Splicing

Full splicing services, including ribbon splicing.

02

Overhead Cable Spanning

Spanning of overhead cables, including all aspects of the installation.

03

Tree Cutting

Tree cutting work to clear paths for cable installation. All staff are trained for this.

04

Testing and Equipment

Comprehensive testing using OTDR, PMD, and ILM equipment.

05

Cabling

All aspects of cabling from TRR (Test Rod and Rope), subducts, to traditional cabling. Civil avoidance technique.

06

Fibre Blowing & Over-Blowing

Use of CBS Tornado and CBS Hurricane airflow equipment for fibre blowing and over-blowing.

07

Desilting & Blockage Removal

Desilting services, including water extraction and removal of silt. Blockage removal from Soft FW to CW, including civil avoidance equipment.

08

Traditional Civil Works

Box building, track work, narrow trenching, and cab building for traditional civils work.

AVAILABLE EQUIPMENT

Equipment owned by the group



40

Splicing Machines

13

Two-Man MEWP
Mobile Elevating Work Platform

38

Cable Trailers

105

Vans

19

Cable Winches

2

Desilting Wagons

11

Blowing Machines

15

Mini Diggers

11

Compressors

1

Towable jetting units

29

Single-Man MEWP
Mobile Elevating Work Platform



OUR LOCATIONS

01

LEEDS

29,000sq ft Office/stores/yard.

04

CLECKHEATON

7000sq ft Office/store/yard.

02

BOLTON

7,000sq ft Office/stores/yard.

05

PENRITH

Half Acre store/yard.

03

NEWTON-LE-WILLOWS

19,500sq ft Office/stores/3 acre yard.

06

THETFORD

12,000sq ft Office / 1.2 acre yard.



“We prioritise the health, safety, and wellbeing of our team members, clients, and the communities in which we operate. Through rigorous training, adherence to industry standards, and the implementation of comprehensive safety protocols, we ensure that every project is carried out in a safe and responsible manner. Our proactive approach to risk management fosters a secure working environment, promotes accountability, and demonstrates our commitment to care and excellence in all that we do.”



Training

Our team is the foundation of our success. By investing in the growth, training, and well-being of our people, we empower them to innovate, collaborate, and achieve their full potential.

- ✓ All new starters have their training records validated and uploaded to Smart Awards
- ✓ A matrix of accreditations is maintained per job role to enable Gap analysis.
- ✓ All skills gaps are bridged before the induction window closes.
- ✓ Once training is complete, certificates are uploaded and registered.



king in
d Spaces
Water

City
&
Guilds

Academy LTD

wing 2 modules

Medium Risk Confined
(grant) (Written) (1 credit)
Medium Risk Confined
(grant) (Practical) (1 credit)

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T/502/1043

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register.ofqual.gov.uk



er three years from the date of issue

WORKFORCE MANAGEMENT

Mobile application



Electronic Work Allocation



Health & Safety Compliance



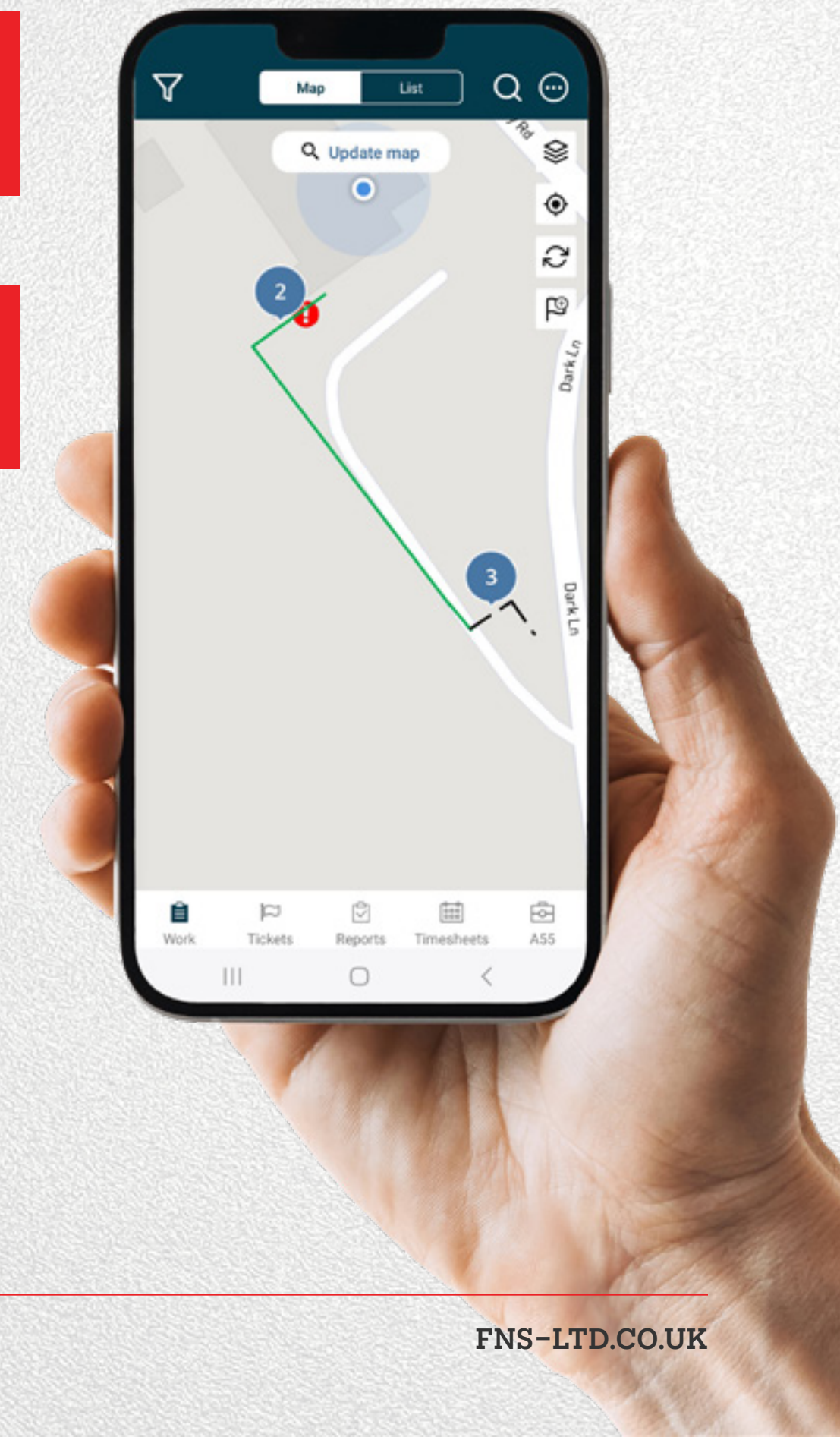
Real Time Communication



Data Collection & Reporting

Benefits

- ✓ Enforced Compliance
- ✓ Time and Location
- ✓ Data Collection
- ✓ Problem Reporting
- ✓ Verification
- ✓ Simple Data Capture
- ✓ Targeted Questioning
- ✓ Email Alerts
- ✓ Evidence Photos
- ✓ Health & Safety



WORKFORCE MANAGEMENT

Desktop application



Electronic Work Allocation



Health & Safety Compliance



Real Time Communication



Data Collection & Reporting

Benefits

- ✓ Map Review
- ✓ Task Assignment
- ✓ Compliance Dashboard
- ✓ Issue Reporting
- ✓ Detailed Reports
- ✓ Instant Access
- ✓ Real Time Data
- ✓ Quality
- ✓ Health & Safety



CASE STUDIES



UPP - Fibre Installation for Burnham Market, North Norfolk

The Project

UPP required a comprehensive fibre optic network to enhance connectivity and improve service delivery. The project involved surveying the site, executing a test rod and rope, addressing civil works, installing cables, splicing, and conducting thorough testing. The goal was to deliver a future-proof fibre optic network that supports both current and evolving connectivity needs while ensuring a reliable, high-performance infrastructure.

The Solution

We provided a fully integrated solution to design, install, and deliver UPP's fibre network, combining industry expertise and precision at every stage:

Comprehensive Site Survey and Detailed Planning: A thorough site survey to assess requirements, map out optimal cable routes, and plan for any potential obstacles or challenges.

Test Rod and Rope Execution: Successful completion of test rod and rope activities, ensuring accurate cable path assessments and identifying any potential blockages in the ducts.

Seamless Civil Works: Execution of civil works including trenching, duct installation, and any required groundwork to ensure network readiness.

Efficient Cable Installation and Precision Splicing: Expert installation of fibre cables, with meticulous splicing to ensure optimal performance and low loss rates.

End-to-End Testing: A rigorous testing process, including OTDR and ILM testing, to ensure the network was performing at peak standards, with a focus on future scalability.

Project Delivery

Our skilled team managed each phase of the project, from planning to final testing, ensuring compliance with industry standards and successfully delivering the network on time and within budget:

We used advanced tools, methodologies, and equipment throughout the project to ensure a high-quality, reliable network. The comprehensive testing verified the network's readiness for future needs, providing UPP with a robust, scalable solution that meets both current demands and future growth.



The Result

By delivering a meticulously planned, expertly executed fibre network, we met UPP's high standards for performance, scalability, and reliability, guaranteeing their network's future-proof capacity.



CASE STUDY

TELENT & FNS

The Project

BT is the guardian of the UK's local access network – sometimes referred to as the 'first mile'. It has to ensure that the quality of its network is second-to-none.

The company is constantly upgrading the Openreach network, to provide new FTTP connections across the UK, and this means a huge volume of work. To carry this out smoothly and effectively, Telent supplement its own in-house engineering resources with partners who are chosen for their ability to provide high-quality, reliable and responsive infrastructure services.

The Solution

We have brought scale and reliability to these operations in all regions within the country while also delivering various BT Openreach benefits from our 300 qualified cabling engineers constantly on-call to carry out civil engineering, and underground cabling to support stringent service level requirements.



“My experience of working with FNS has been very, very good. I've been really pleased. We get really good co-operation from our FNS team. They're always very responsive to our needs, and always try to do their best to meet our objectives.”

Richard Sanders, Head of Fibre Build UK



The Result

The regions that we serve have been regularly ranked by BT Openreach as top-performing. Our highly skilled field force has exceeded service delivery levels, because the interface with Telent's own management and business system allow us to create an auditing process which is both smooth and well-managed. We believe we have brought Telent and BT Openreach step-change improvements in quality, as well new levels of efficiency in cabling operations.

The Telent logo, featuring the word "telent" in a bold, lowercase, sans-serif font. The text is centered between two horizontal purple bars.



Ogi - Digital Superhighway Expansion into South Wales

About Ogi

Ogi is a leader in alternative fibre telecommunications, working to expand digital infrastructure across South Wales for the benefit of the UK. In partnership with the Welsh Government, their project extends a full fibre network from England across the Prince of Wales Bridge into Newport and Cardiff, creating a high-capacity route in the Western Gateway.

The Project

Digital Superhighway Expansion into South Wales
The project was a monumental task of engineering and logistics, with a goal to bridge geographical and connectivity divides with a new seamless digital network.

The Challenge

Navigating engineering and geographical hurdles our team was brought in to help Ogi deliver the network across a 7.5km stretch from the Prince of Wales Bridge to junction 23A at Magor, where traditional duct installation was not feasible due to complex engineering challenges posed by varying road types and the land's geography.

The Solution

2Rent's Innovative Narrow Trenching Methodologies
Using narrow trenching, Ogi quickly and cost-effectively deployed its network along the M4's hard shoulder at night to minimise disruption. Over several nights, 3.5km of ducting was laid, covering 300-400m per night, ensuring the motorway was ready by 7am.

The Cleanfast trencher excavated and vacuumed material, followed by the Innomixer, which batched and pumped concrete on-site. The trench was then sealed with mastic, reducing the need for compaction and lowering both carbon footprint and costs.



The Result

A Groundbreaking Success, Ogi's innovative microtrenching approach on the M4 motorway set a new benchmark for network expansion projects. Covering 3.5km in just two weeks, this achievement was a first for Wales and exceeded traditional methods.

The Welsh Government now sees it as a model for future deployments. 2Rent's involvement played a key role in the project's success, contributing to a more connected, digitally integrated Western Gateway.



Rapid Telecoms Installation on Chelsea Embankment, London

The Project

In January 2023, 2Rent teamed up with Openreach as part of the £4.5 billion London Tideway Project, installing 330m of ducting along the busy Chelsea Embankment.

The Challenge

Setting up this telecoms link in such a high-traffic area in London city centre came with its challenges. We had to find a solution that worked with strict urban planning rules, permits and historical Yorkstone paving, which covered around 400m and would have been impossible to lift.

Our Solution

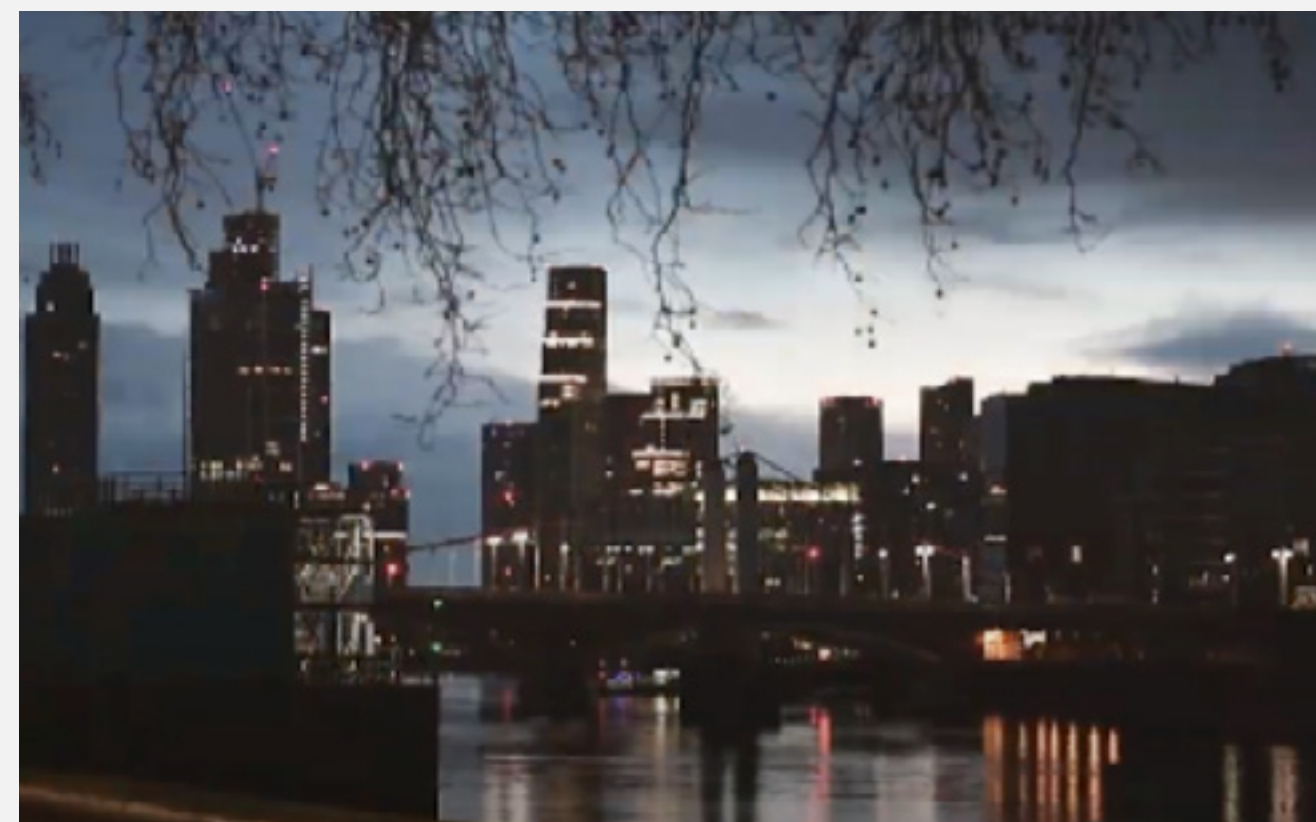
We started by setting up traffic management at 7 AM and marking out underground services by 7:15 AM. Trenching began at 8 AM with our CleanFast machine, which we finished by lunchtime. Once the trench was ready, we laid the duct and added a fine fill.

We aimed to be ready to pour fast-setting concrete using two InnoMixers by mid-afternoon. The concrete set within an hour, gearing us up for a quick finish to the day's work.

Unexpected Setback & Resolution

Heavy rain stopped our progress for about four hours as the trenches filled with water, delaying the final road reinstatement.

Although the rain set us back, we opened the road for two-way traffic the next morning. As we had finished digging the trenches and installing the duct, Openreach was still able to set up their link that morning. Then, the only thing left was to complete the last 80m of road reinstatement.



The Results

Normally, traditional methodologies would take a month to complete this job in such a tricky area. While the weather held us up slightly, we reduced this timeline to just over a day and a half.

This project was a testament to how the right, innovative methodologies can help you overcome obstacles and limit disruptions, even in London's busiest locations.



CASE STUDY

Fast and Efficient Concrete Repair for H&M Distribution

The Problem

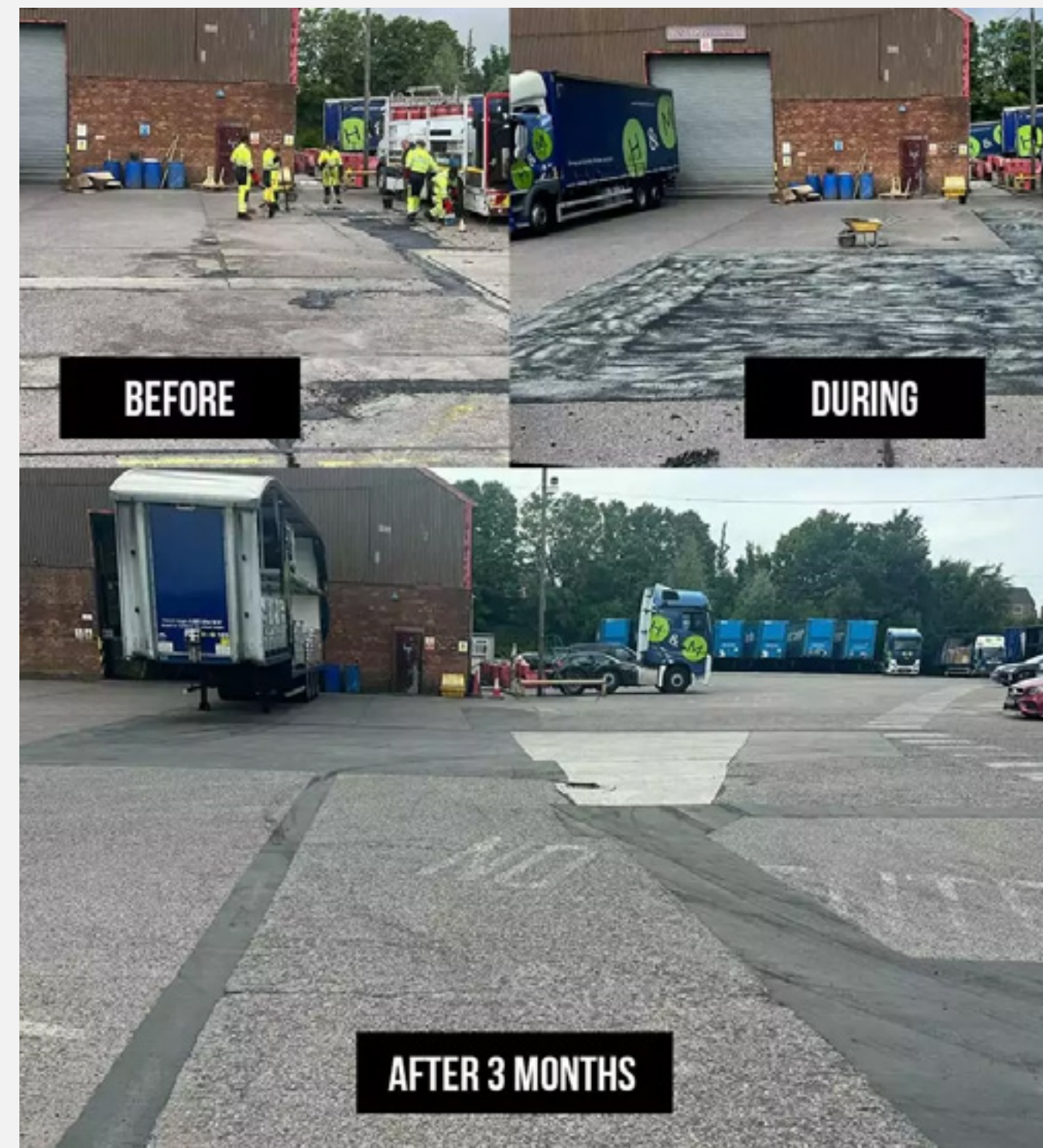
H&M Distribution, a major haulage and pallet network business operating from six depots across the UK, was facing significant surface issues in both their warehouses and yard areas.

With their depots running 24/7, except for a 12-hour vehicle-maintenance window on Sundays, they had very limited downtime to address the problem. Surface issues, including cracks, large potholes, and over 300 square metres of concrete failures, were causing indentations and uneven surfaces. This led to safety hazards and inefficiencies, such as forklifts dropping pallets, which directly impacted the smooth operation of their business.

Traditional concrete and tarmac repairs would not only cost the company hundreds of thousands of pounds but would also cause massive disruption to their operations, making it difficult to find a solution that balanced cost, downtime, and operational efficiency.

The Solution

To solve this without disrupting H&M Distribution's operations, 2 Rent organised a 12-hour work window on a Sunday. Using our Truck Mounted Double Boiler Elastomac Batching Unit and team of skilled workers, we were able to efficiently repair all the cracks and potholes, both inside and outside their warehouse.



The Results

Traditional repair methods would have meant closing H&M Distribution's site for several days, causing business interruptions and extra costs. Tailoring our service to fit into H&M Distribution's existing schedule completely avoided any disruption to their operations. With our efficient batching unit and skilled team, we repaired the 327 square metres of concrete in the arranged 12 hours. This saved H&M Distribution both time and money, and let them get straight back to work as usual on Monday.



OUR GROUP



Specialised vehicle hire

2Rent is a leading specialised vehicle hire supplier that is dedicated to understanding and achieving your bespoke fleet requirements.

Straight talking and 100% committed to getting it right, it's fair to say that nobody else customises vehicles for commercial use like we do. Backed up by the 2Rent Promise, our expertise and experience ensure you get the most efficient and effective solutions... when and where you need them.

Whether you're tackling a major construction project, managing a utility operation, or on the lookout for specific plant machinery, our equipment hire solutions are here to boost your efficiency and supercharge your success.



Turnkey solutions within the utilities sector

Engineering excellence is at the heart of everything we do. And our attention to detail and right-first-time approach has helped us grow into a prominent force over the last Seventeen years.



Effective traffic management

When it comes to traffic management, you cannot afford to cut corners. Safety and efficiency are your number one priority and that's why you need the expertise and technology of 2Works, one of the UK's leading providers of traffic management.

2Works is a modern, dynamic, sustainable organisation with a management team who understand the importance of quality service driven by the environment and safety of all its employees and stakeholders.

We are known by our long-term clients, and throughout the industry as the team that will always deliver a quality service and meet all contractual objectives. Having worked within the highways and utilities sectors over many years, we know how to get the job done right first time. Reliability and accountability are key to our, and your, success.

OUR GROUP CLIENTS

We are committed to finding better, faster, and more efficient ways to deliver turnkey projects for our clients.

Balfour Beatty

telent



**electricity
north west**

**Bolton
Council**



CityFibre

viberoptix



Upp



openreach



OUR ACCREDITATIONS



Certificate
No:471052024



Certificate
No.471042024



Constructionline
Gold Member



OUR ACCREDITATIONS





CERTIFICATE OF ASSURANCE

Future Network Solutions | 2Works | 2Rent

Unit 2 Intermezzo Drive Stourton Leeds LS10 1DF

COMPLIES WITH THE REQUIREMENTS OF THE CYBER ESSENTIALS SCHEME

NAME OF ASSESSOR : Paresh Deshmukh

CERTIFICATE NUMBER : 994c4118-9c51-4b81-9a2d-bfcc9a2d112c DATE OF CERTIFICATION : 2024-05-16

PROFILE VERSION : 3.1 (Montpellier) RECERTIFICATION DUE : 2025-05-16

SCOPE : Whole Organisation



SCAN QR CODE TO VERIFY THE AUTHENTICITY OF THIS CERTIFICATE

CERTIFICATION MARK	CERTIFICATION BODY	CYBER ESSENTIALS PARTNER
		

The Certificate certifies that the organisation was assessed as meeting the Cyber Essentials implementation profile and thus that, at the time of testing, the organisations ICT defences were assessed as satisfactory against commodity based cyber attack. However, this Certificate does not in any way guarantee that the organisations defences will remain satisfactory against a cyber attack.

Innovation

At FNS we are forever striving for innovative ways to improve our process and help us to work faster, safer & with less disruption, allowing us to deliver more effective ways in a shorter period of time for our clients whilst reducing the amount of people required to do so wherever possible. In addition, we try to use methodology and products that help us to be mindful of our carbon footprint. As part of our continued drive on innovation, we are working in the following areas that we feel are key.

- ✓ GPR (Ground Penetrating Radar)
- ✓ CleanFast
- ✓ Alternative Flowable Concrete - Innomixer
- ✓ Flowable Mastic Reinstatement





Thank you

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