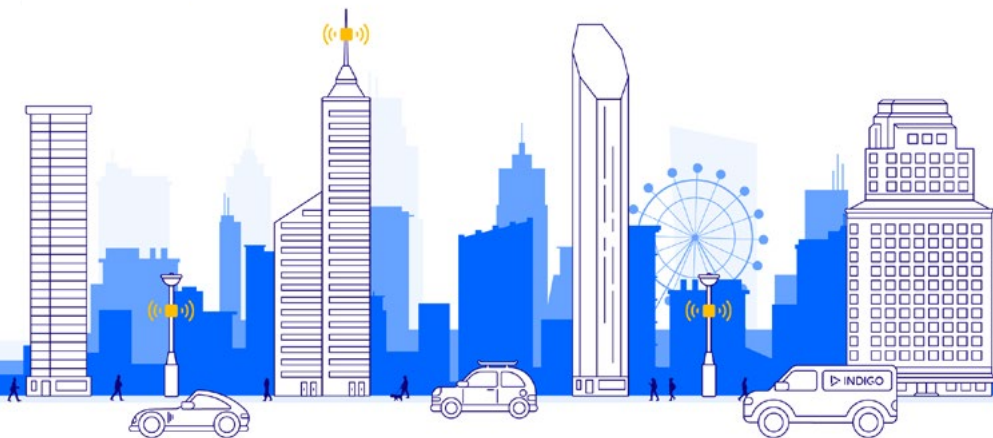# Small Cell Network Deployment Services

Designing, deploying and supporting mobile infrastructure, including small cells on street furniture and smart kiosks that will leverage a combination of 5G and fibre.

Indigo has 25 years of experience in building the path to a brighter, more connected tomorrow. We are your trusted partner in designing, deploying, and supporting small cell networks that evolve with emerging technologies, delivering richer experiences for businesses and more meaningful connections for their customers.

Why work with Indigo?

Over 25 years we have built up competencies and acquired standards certifications to meet increasingly diverse and complex market requirements. Our engineers are fully trained to expert level in multi-vendor voice, data and network products. Geographically dispersed, we can call on them to fix issues fast in over 90 countries.

We provide market-leading SLAs (Service Level Agreements) because we understand the growing importance of facilities that have become business critical to different types of organisation, delivering very different services.

We are among a small number of service companies accredited to ISO 27001

Information Security Management, enabling us to deliver disaster recovery and business continuity services – including moves, adds and changes – using best-practice methodologies. The fully managed Indigo NOC (Network Operation Centre) provides 24x7x365 support and a single point of contact point for every kind of client query.

At Indigo, we are dedicated to building lasting relationships with our clients and colleagues, fostering innovation, and delivering solutions that stand the test of time. Trust us to bring your network vision to life with a dynamic approach that evolves with the future while ensuring the highest standards of quality and safety.
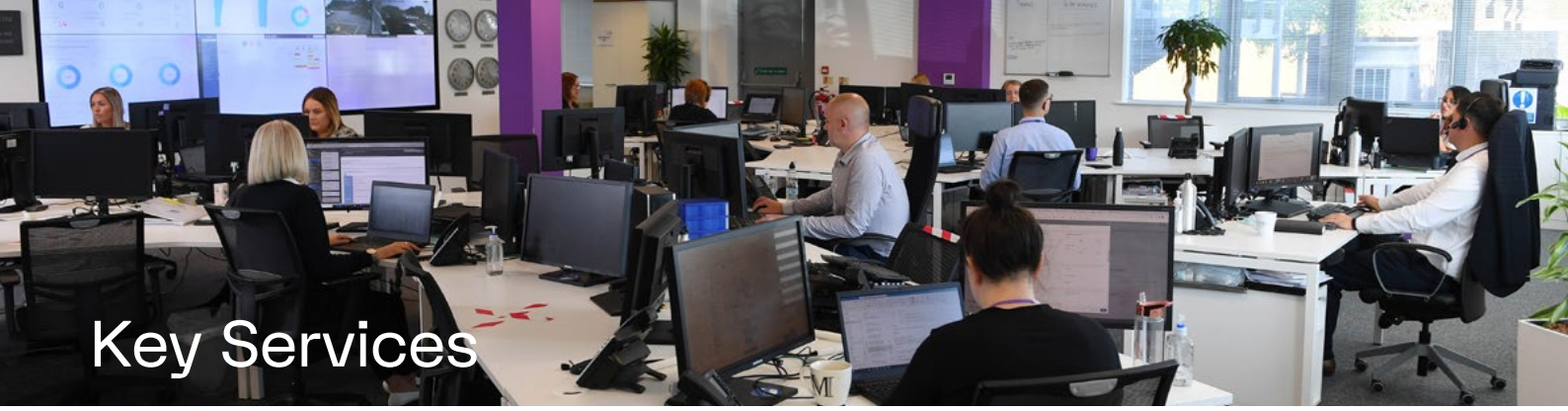
Key Services

1. Principal Designer and Principal Contractor under CDM Regs

Our team specializes in ensuring full compliance with the Construction (Design and Management) Regulations (CDM). We take on the roles of both Principal Designer and Principal Contractor to oversee all aspects of project design and execution, ensuring a safe and efficient deployment process.

2. Survey and Detailed Design

We conduct thorough surveys and detailed design assessments to determine the optimal placement of small cell networks within urban environments. Our precision in design minimizes disruptions and ensures seamless integration into existing infrastructure.

3. Solution Engineering

Our experts collaborate closely with you to engineer custom solutions that align with your network requirements. We tailor our services to meet your unique specifications, ensuring a network that's optimized for performance and reliability while considering ICNIRP compliance.

4. Independent Structural Engineer Sign-off

Safety and structural integrity are paramount. We provide independent structural engineer sign-off to certify that all network installations meet rigorous safety standards and adhere to local regulations.

5. Town Planning

Navigating the complexities of town planning is made easier with our dedicated team. We handle all aspects of town planning, from site selection to permitting, ensuring your project aligns with local regulations and community needs.

6. Power Management

Efficient power management is essential for network reliability. We offer comprehensive power management solutions, including backup power systems and energy-efficient configurations.

7. Local Council Permitting and Consenting

We manage the permitting and consenting process with local councils to secure the necessary approvals for network deployment. Our experience streamlines this often complex and time-consuming aspect of the project.

8. Traffic & Pedestrian Management

Minimizing disruptions and ensuring public safety during deployment is our priority. Our traffic and pedestrian management strategies are designed to keep communities moving while work is underway.

Key Services

9. **Passive & Active Build (Civils, Electrical, Earthing, and Rigging)**
We handle all aspects of small cell network build-out, from civil engineering to electrical work, earthing, and rigging. Our end-to-end services streamline the construction process.

10. **Equipment Installation and Commissioning**
Our experienced technicians handle the installation and commissioning of all network equipment, ensuring that it's optimized for peak performance.

11. **Fibre Provisioning, including Ducting & Roping, and Chamber Installation**
We provide comprehensive fibre provisioning services, including ducting, roping, and chamber installation, to ensure robust connectivity for your network.

12. **Mains Power; Excavation, Trenching, Ducting, Joint Holes, Reinstatement**
Efficiently manage mains power requirements with our services, which encompass excavation, trenching, ducting, joint hole installation, and reinstatement of affected areas.

13. **Final Site Acceptance Inspections, Completion Packs, and Handover**
Our commitment to quality extends to the final stages of the project. We conduct thorough site acceptance inspections, provide comprehensive completion packs, and ensure a seamless handover of the network to you.

14. **Monitoring of the deployed asset and network infrastructure**
Our 24x7x365 NOC (Network Operations Centre) & SOC (Security Operations Centre) will monitor your deployed network & sites to guarantee quality of service and network uptime for your clients and their customers.

15. **FLM (First Line Maintenance) and SPMS (Spare Parts Management Service)**
Ensure your network uptime with our bespoke break fix solutions complemented by our extensive network of FSLs (Forward Stock Locations) where we can maintain full cabinets and structures to be deployed in the event of an emergency or individual components in the event of equipment failures.

Contact Us

To learn more about our small cell network deployment services and how we can assist you in building the networks of the future, please contact us at:

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