



Empowering The Future

INFRASTRUCTURE DELIVERY | GLOBAL BLUEPRINT

The Modern Infrastructure Delivery Blueprint

Building, operating, and sustaining critical
infrastructure at scale - without operational debt.

Fixed Access Network

Wireless Access Network

EV Solutions

ELV Solutions

WHY THIS BLUEPRINT MATTERS

Most programmes don't fail during rollout.

They fail after handover.

Customer growth exposes what rollout hides: weak design, inconsistent execution, and operational gaps that slow performance and increase cost. This blueprint outlines how infrastructure can be delivered, operated, and sustained without creating operational debt for ISPs, operators, and infrastructure owners.

Inside, you'll see:

- ✓ Where rollout risk actually appears
- ✓ Why operations must be designed before go-live
- ✓ How infrastructure scales without losing control
- ✓ What delivery models protect long-term performance

Build completion is not network readiness. The programmes that plan for operations early scale faster, escalate less, and cost less to stabilise. Those that don't inherit instability at handover.

DELIVERY, PROVEN AT SCALE

3,000+ Projects delivered	26+ Countries	250+ Customers worldwide
700,000+ RFS completed	21,000+ km Fibre cable installed	1,000+ Skilled engineers

Figures reflect cumulative NETS International Group delivery across access network programmes worldwide.

REGIONAL DELIVERY REALITIES

The principles are universal. The execution isn't.

While infrastructure delivery principles remain consistent, execution realities differ significantly across markets. Understanding these differences is critical to avoiding operational risk and ensuring long-term network performance.

United Kingdom — From Expansion to Performance

The UK fibre market has moved beyond aggressive rollout into a phase defined by performance and commercial discipline. Operators now face pressure to drive customer uptake, improve service quality, and deliver return on investment. At the same time, consolidation is introducing complexity: networks built under different standards, delivery models, and contractor ecosystems must now be integrated and

operated as one.

The challenge is no longer building networks. It is making them work.

KEY PRESSURES

- ✓ Fragmented delivery models creating inefficiencies
- ✓ Capital tied up in unused inventory, not supply shortages
- ✓ Workforce misalignment as civils-heavy teams shift to O&M and installs

WHAT LEADING OPERATORS DO DIFFERENTLY

- ✓ Aligning build, installation, and O&M into one lifecycle
- ✓ Standardising delivery across consolidated networks
- ✓ Investing in workforce transformation and multi-skilling

“Working with NETS has been an incredible experience and a real eye-opener to what a great build partner looks like. The team consistently deliver results on time and strive to exceed expectations.”

Oliver Clayson — Regional Build Manager, brsk (UK)

Germany — Navigating Constraint to Enable Execution

In Germany, infrastructure delivery is defined by constraint, not speed. Permitting, workforce structure, and environmental conditions shape execution more than demand. Execution depends on planning discipline.

KEY PRESSURES

- ✓ Fragmented permitting across municipalities and stakeholders
- ✓ Limited telecom-skilled workforce with high cost structures
- ✓ Seasonal disruption impacting civil works and reinstatement

WHAT LEADING OPERATORS DO DIFFERENTLY

- ✓ Treating permitting as a core programme phase, not a prerequisite
- ✓ Using hybrid workforce models — local plus specialist expertise
- ✓ Structuring delivery around seasonal constraints

“NETS has brought order, clarity, and real momentum to our Hohenpeißenberg FTTH rollout. From day one, their team demonstrated full ownership — stepping in under challenging circumstances and quickly stabilising operations.”

Ralph Wehberg — Head of Deployment, UGG (Unsere Grüne Glasfaser), Germany

United States — Scaling Execution Without Losing Control

The US market is defined by scale, speed, and fragmentation. Demand is constant; the challenge is execution. Operators must deliver across multiple states, each with different conditions, workforces, and delivery environments.

The risk is not a lack of opportunity. It is loss of control at scale.

KEY PRESSURES

- ✓ Inconsistent outcomes across regions
- ✓ Workforce stretched across multiple deployments
- ✓ Rising expectations on visibility, quality, and predictability

WHAT LEADING OPERATORS DO DIFFERENTLY

- ✓ Standardising delivery frameworks across regions
- ✓ Investing in workforce capability and scalability
- ✓ Using automation and real-time visibility to reduce uncertainty

A CONSISTENT PRINCIPLE ACROSS MARKETS

Performance is determined before go-live.

Operators that align planning, delivery, and operations from the outset — and adapt to local realities — are able to scale with control and sustain long-term performance.

INFRASTRUCTURE SOLUTIONS AT NETS

Infrastructure is only valuable when it performs.

NETS International Group delivers Infrastructure Solutions across telecom, connectivity, electrical, and low-voltage systems — supporting ISPs, operators, enterprises, and public-sector programmes. Our operations span the UK, Europe, the Middle East, Asia, and the United States, supporting deployment, operation, and long-term performance of critical infrastructure.

CORE CAPABILITIES

Fixed Access Networks (FTTx)

- ✓ Survey, planning, and design
- ✓ Civil works and network construction
- ✓ Fibre deployment, splicing, termination
- ✓ Customer connections and activation
- ✓ Operations, maintenance, fault restoration

Wireless Access Networks

- ✓ Site surveys and radio planning
- ✓ Deployment and integration
- ✓ Backhaul, power, and supporting works
- ✓ Network optimisation and upgrades
- ✓ Ongoing support

EV ChargePoint Solutions

- ✓ Site assessment and electrical design
- ✓ Installation and commissioning
- ✓ Compliance and certification
- ✓ Maintenance and operational support

ELV Solutions

- ✓ Structured cabling
- ✓ Security and surveillance systems
- ✓ Access control
- ✓ Integrated building technologies
- ✓ Testing and support

HOW NETS DELIVERS

Discipline separates infrastructure that works from infrastructure that merely exists.

NETS applies a consistent delivery framework. Integrated teams manage planning, construction, coordination, and ongoing support — reducing fragmentation and operational risk.

- ✓ **Engineering-led execution** across every phase
- ✓ **Clear ownership and accountability** end to end
- ✓ **Safety and regulatory compliance** built in
- ✓ **Lifecycle thinking** that extends well beyond build

WHY NETS

Delivery capability built, not assembled.

NETS operates as a global infrastructure delivery partner with over four decades of expertise, trusted by 250+ customers across 26+ countries.

WHAT WE BRING

- ✓ End-to-end programme ownership
- ✓ In-house engineering workforce and training
- ✓ Strong compliance and safety frameworks

HOW IT SHOWS UP

- ✓ OEM-aligned delivery standards
- ✓ Physical delivery infrastructure across regions
- ✓ Accountable beyond installation

The difference: predictability — not just during rollout, but years into operation.

Trusted by leading UK and European operators including BT, brsk, Hyperoptic, F&W Networks, Full Fibre, Hey Broadband, Zzoomm, and UGG.

NETS International Group

TAKE THE NEXT STEP

Every infrastructure programme carries hidden risks.

The difference is identifying them before they impact delivery.

- ✓ A 30-minute rollout risk assessment
- ✓ A benchmark of your delivery model against leading operators
- ✓ A clear view of hidden operational risks before you scale

Request a tailored discussion with a NETS infrastructure specialist.

contact@nets-international.com | nets-international.com



Empowering The Future