



*“Operators can use Nova<sup>QC</sup> expertise to accelerate the speed, reduce cost and build quality assurance into their networks.”*

## Nova<sup>QC</sup> Fttx Expertise

**Nova<sup>QC</sup> has worked with a range of international telecommunications network operators to help optimize the design of new FTTH networks.**

**Our use of leading edge plans have resulted in a series of cost effective network designs with significant savings of between 25% and 35% against original estimates.**

### Background

The burgeoning demand for reliable and large capacity broadband bandwidth to meet the rapidly growing range of IP services is a worldwide phenomenon.

In many cases that demand is being driven by Governments' policies as well as end-user demand and substantial Government funds are being provided to accelerate deployment.

Fibre access networks are widely seen as meeting the needs for next generation networks but this demands major expenditure and operators must carefully consider their RoI and plan the most cost effective approach before implementation, especially when their plans are subject to Government review or where they are in a competitive process for Government money.

### What can we do for you?

Through our team of independent next generation access experts, Nova<sup>QC</sup> have established an unrivalled position in the field, delivering our Fttx networks expertise in:

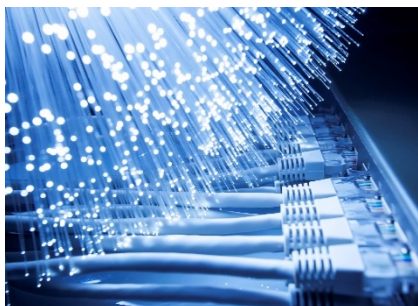
- Europe
- Middle East
- Africa
- Australia
- New Zealand
- Far East

Our end-to-end capability in FTTx spans concept to customer satisfaction monitoring.

We can help you with:

- Business Case Development
- Vendor selection support
- Support the operator in negotiations with government bodies
- Network Architecture design
- Bill of Materials
- Vendor Independent Planning Policies and Rule Book

**For further information:** Please contact Nova<sup>QC</sup> at [contact@novaqc.com](mailto:contact@novaqc.com) or Tel: +44 7944 318578



- Detailed FTTH OSP planning rules
- Catalogue of OSP components and specs to support the planning rules and procurement process
- Detailed planning and site surveys
- Improved customer satisfaction tools
- Builder's packs for operator's contractors and house builders
- Trials of Plan and Build and repair processes
- A Service Provision Process across all functions
- Maintenance

As FTTH is still an evolving technology with many different architectures and deployment methods in use across the globe. The best fit solution for any operator depends on local conditions and the cost of different architectures and methodologies can vary substantially depending on the design selected. Local infrastructure such as the condition and extent of existing ducting and the physical environment will significantly impact on the cost of deployment; this needs careful analysis to select the best solution.

### **The Results**

Operators who have used our expertise have:

- Accelerated the speed of their programmes
- Reduced their costs
- Build in quality assurance
- Met the demands of customers, investors and governments in the challenge of deploying the highest speed and most reliable networks that the world has yet seen.