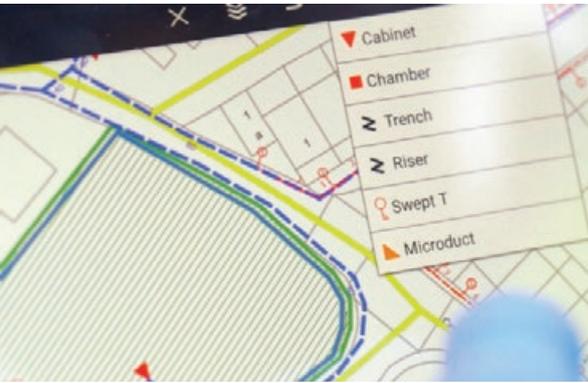


Transforming Network Planning & Design with Automation

How our best-in-class toolchain supports faster,
more informed and higher quality planning.





The next generation of network planning

Powered by integrated automation

At Flomatik, we've seen the challenges that CSPs face first-hand. It's not just ever-changing network use cases in all areas of work, leisure and life, but also increased commercial pressure to increase quality while decreasing costs. Delivering our own network design and planning services, we underpin our specialist expertise with a bespoke, best-in-class automation toolchain.

Improving intelligence, unlocking flexibility and guaranteeing efficiency, it's a way to ensure consistent quality while achieving tangible cost and time savings.



Informed strategy

Making better decisions and optimising capital investment

An effective strategy depends on the availability of highly accurate geographic information. An advanced, integrated GIS system makes this information available whenever and wherever CSPs need it – and offers new ways to analyse, interpret and act upon intelligence.

Our bespoke solution makes it easier to model and compare your options, then make an informed decision about where, how and when to build the network.



Increased efficiency

Maximising productivity while reducing construction costs

While there's no substitute for network planning expertise and experience, sophisticated algorithms can offer speed and productivity gains in excess of 100% when compared to traditional network planning approaches.

Meanwhile, in design, rule-based automation removes the risk of human error and the small mistakes that could have a detrimental impact on a project's success.



Consult



Design



Build



Operate



RRR



VASP

Integrated Automation Toolchain



Design Optimisation

Bespoke data analysis
Architectural modelling
Optimised design algorithms
Fundamental planning
Detailed designs



Core GIS

Free, open source
Intuitive and simple
Standard APIs
Adaptable, automated processes
Customisable work-packs



Field Tools

100% availability
Any base mapping
Cloud-based access
Geo-tagged data augmentation
Bespoke forms



CONSULT

DESIGN

BUILD

OPERATE

New flexibility

Matching network planning to new commercial realities

We live in an age where every industry and organisation can achieve new levels of flexibility. Technology supports smarter, more effective ways of working – and our toolchain brings this flexibility to network planning.

With real-time mobile GIS applications, field operatives can conduct surveys and validation on-site while working in close collaboration with office-based teams. Meanwhile, effective integration supports right-shoring models to optimise costs.

Consistent quality

From construction to in-life operations

For planning and beyond, our toolchain improves the quality of the information that decisions are made on. Introducing automation offers intelligent design proposals that are then optimised and validated by specialist planners. In practice, this combination of automation and intervention can deliver network construction savings of as much as 8%.

Then, with increased mobility and support for capturing data in the field, everything from survey amendments to tailored forms can be used to validate data and verify its integrity. Finally, 'as-built' data capture and red-lining can be used to keep every record and every detail up-to-date for the lifecycle of the network.

Improved customer experience

Easier and more exhaustive management and intelligence

With the right integration into Service Management and Customer Care systems, our toolchain enables full lifecycle customer management. This takes the value of accurate planning data to numerous areas of business, whilst streamlining what day-to-day management actually looks like.

- Always-accessible map-based information on any device, both in the office and in the field
- Real-time network updates that can be used to support inbound service requests and streamline service fulfilment
- Improved visibility so that planned and unplanned service outages can be more effectively assessed, coordinated, and communicated to clients
- Detailed business analytics for better management decision-making

About Flomatik Network Services

A recognised leader in network services, Flomatik offers both the scale of a large, well-established company and a highly collaborative, customer-focused approach.

Projects combine the wisdom of a team that has been involved in network planning for more than a decade with the certainty, assurance and efficiency of the latest automation technologies.

Flomatik produces over 500,000 homes of FttX and over 1 million metres of trunk and backhaul design per-year. This practical, hands-on expertise is also used to help CSPs in determining their own FttX strategy, from cost modelling to full implementation management.

Get the advantage of our specialist expertise and innovative toolchain.

Contact us at www.flomatik.co.uk



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