

**The Challenge**

A European Tier 1 communication service provider, involved in a complex programme of work surrounding their next generation transformation, required a solution for optimal capacity planning to support high bandwidth Ethernet services. Their network comprised complex resilient optical topologies.

Existing processes relied on highly experienced staff and manual processes. This was proving to be neither an efficient nor accurate approach to capacity planning.

**The Response**

Aria was awarded the contract to deliver an integrated solution following the failure of a competitor to deliver to the customer's scalability and flexibility requirements.

As part of the vendor selection process Aria was able to demonstrate massive scalability. Aria's data driven, highly configurable platform was critical in being able to adapt to the rapidly changing environment and to deliver updates quickly.

The solution included Aria's Capacity Planner product. This solution had to consider complex vendor and operator rules for planning and provisioning as well as a range of resiliency options in planning and defining the services.

**The Result**

The delivered solution was integrated in to the operator's network design and inventory platforms. The solution allows network planners to choose from a range of complex service products and rapidly produce reports including a List of Materials detailing precisely the equipment needed to deliver the service. Cost is analysed, taking into account the existing network infrastructure as well as new equipment needed.

**Contact Aria**

- Go to [www.aria-network.com](http://www.aria-network.com) to learn more about Aria Networks' products
- Contact [sales@aria-networks.com](mailto:sales@aria-networks.com) to discuss your needs

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