

Challenge: Complexity, performance, cost

Telecoms is in the midst of a significant transformation. The way that we communicate is evolving to suit an environment where the demands are constantly increasing.

- **Availability.** A network failure leads to major financial losses.
- **Security.** Client data protection and compliance to GDPR are basic requirements. Vulnerabilities and exploits often occur due to poor network design.
- **Performance.** Evolving applications demand greater network performance. Higher bandwidth requirements often lead to bottlenecks.
- **Integration.** Disparate branch offices, acquisitions and mergers often integrate poorly.
- **Scalability.** Inflexible fixed circuits lead to issues when trying to scale.
- **Flexibility.** New branches should be quickly and easily connected to the company network and changes implemented promptly.
- **Costs.** There are often expensive support and management costs.

Solution: Transparency, more performance, less costs

The network infrastructure should be a direct implementation of a company's IT strategy. It is not only current functional and financial aspects that count, but also future aspects.

As an independent virtual network operator, mitcaps works with all carriers and network operators. The experience of the employees helps mitcaps to weigh the actual benefits of current technical and economic solutions and to make a selection that corresponds to your needs.

mitcaps follows an approach that consists of modules for inventory, design, tendering, implementation and optimization.

The process can be mapped in full as well as modularly in sub-areas.

Planning phase

Requirements analysis. It starts with a comprehensive needs analysis: which territorial areas must be covered, which application and business requirements should the company network meet?

Infrastructure analysis. The collection of the initial data is the basis of the planning. Possible weaknesses and technological obsolescence are revealed in this module.

Future requirements. Desired performance parameters, cost planning and future requirements for the network are defined and compared with the resources available on the market.

Design. mitcaps will work with you to develop a needs-based network design. In addition to technical and quality-related parameters, this contains a plan for further infrastructure developments.

Tender (RFI, RFQ, RFP). mitcaps designs and creates the tender for you. On the basis of many years of industry know-how, providers are selected in the best possible way for the customer.

Evaluation. mitcaps supports you in evaluating and selecting the strategically best providers.

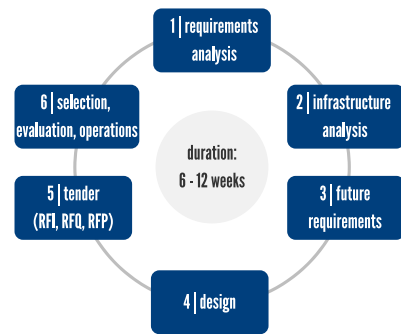


Fig.: Planning phase

Implementation phase

Purchasing / procurement. mitcaps takes over the purchase and procurement of the line as well as the handling of the carrier for you.

Implementation of the solution. mitcaps will deliver the configuration and installation of the solution.

Operations / Managed Services. mitcaps guarantees support 24x7, proactive monitoring and service management on customer networks and ensures compliance with SLAs.

Optimizing the solution. mitcaps migrates your network to the newly designed platform and is happy to take over the project management at the customer's request.

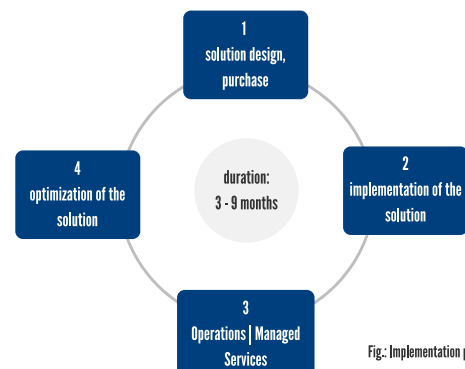


Fig.: Implementation phase