

FIXED NETWORK PLANNING SERVICES

DIEHL
Metering



APPLICATION

Fixed Network Planning by DIEHL METERING provides a highly reliable planning result based on radio coverage simulation. This will help you to optimize Fixed Network installations without on-site visits.

FEATURES

- ▶ Appropriate estimation to support all project phases of a Fixed Network Planning
- ▶ Different planning steps: (1. Requirements Analysis & Consulting, 2. Site & Terrain Analysis, 3. Fixed Network Planning)
- ▶ Planning and quotation for the deployment of a Fixed Network without field measurements and access to receiver sites
- ▶ Preparation of an efficient Fixed Network roll-out with regards to receiving sites and required equipment

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DETAILED STEPS

1. Requirements Analysis & Consulting
 - ▶ Definition of project goals (coverage area, number of meters, desired network reach)
 - ▶ Technology selection
 - ▶ Compliance with regulatory standards
2. Site & Terrain Analysis
 - ▶ Study of geographical and topographical data
 - ▶ Consideration of building density, vegetation, elevation profiles
 - ▶ Analysis of existing infrastructure
3. Fixed Network Planning
 - ▶ Rough estimation of receiver sites needed to cover an area
 - ▶ Detailed planning of best possible coverage,
 - ▶ Optimization after roll-out selection of best receiving sites and antenna settings

PREREQUISITES

Filled sheet for planning requirements has to be provided to DIEHL METERING.

KEY BENEFITS

- ▶ Get a clear indication on costs and risks before buying and rolling-out a Fixed Network
- ▶ Achieve optimum quality of service (QoS)
- ▶ Identify cost reduction potentials; on average achieve a double digit percentage cost reduction concerning receiver equipment
- ▶ Prepare a professional roll-out scenario
- ▶ Simulate different meter, receiver and antenna installation locations
- ▶ Reliable Connectivity: Stable communication even in urban, rural, or challenging terrains
- ▶ Fast Deployment: Efficient planning process backed by practical experience

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Economic Actor Information

Applicable regulation and legal obligations for products may change.

DIEHL METERING monitors applicable regulation to ensure their products comply at the date of placing on the market.

Each economic actor making products available on the market thereafter must independently keep informed about the current applicable regulation.

For questions, please contact: metering-germany-info@diehl.com