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WI-FI SITE SURVEY

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A professional Wi-Fi site survey is the foundation for a stable and high-performance wireless network. The DTS Wi-Fi site survey lays the groundwork for high connection speeds, optimal coverage and needs-based planning. This helps prevent dead zones, interference and planning errors early on.

DTS services are modular in structure and can be tailored to specific needs depending on the project phase and customer requirements. This ranges from the initial on-site survey through planning to the measurement and optimization of existing Wi-Fi environments. This ensures that every customer receives exactly the support needed for planning, optimization or quality assurance.

- Modular system instead of rigid project packages
- Planning and documentation by a certified DTS expert
- Transparent results based on professional measurement and planning software
- Greater planning reliability for stable, high-performance Wi-Fi environments
- Flexible application options for indoor and outdoor areas

The **on-site survey** lays the foundation for optimal Wi-Fi planning. During this process, local conditions are assessed, requirements are documented and reference measurements are taken to prepare for further planning in a targeted manner.

Virtual Wi-Fi planning serves as the foundation for new installations, expansions, and upgrades. Using existing floor plans, we professionally simulate and document wireless coverage, access point placement, channel planning, and relevant performance metrics.

On-site measurement and validation verify the actual quality of an existing Wi-Fi environment. Existing access points are measured, radio coverage is evaluated and the results are documented in a transparent manner.

The **optimization of existing Wi-Fi environments** is designed for installations in need of improvement. By analyzing the current infrastructure and making targeted adjustments to placement, channel planning, and coverage, stability, coverage, and performance are improved.