NET Build is the central software solution for digitally managing the construction phase of telecommunications and fiber optic networks. From work preparation and project and construction site management through to construction supervision, billing, and documentation, all processes are brought together on a single platform. Construction managers, site supervisors, and installation teams have access to the same up-to-date project data at all times and can work with it via the web portal or directly on the construction site using the mobile app.

The web portal complements the mobile application as the central platform for planning, managing, and evaluating all construction projects. From project setup and resource and material management through to reporting, billing, and documentation, NET Build supports an end-to-end digital construction process without media discontinuities.

Selected Features and Workflows

App

- **Mobile Work Orders:** Processing and reporting of work orders directly on the construction site.
- **Construction Site Preparation:** Access to plans, documents, and project information before work begins.
- **Field Reporting:** Recording construction progress, including photos and comments.
- **Mobile Proof of Work:** Documentation of completed work, including approval.
- **Ticket Management:** Recording and processing of defects, tasks, and queries.
- **Construction Site Safety:** Documentation of safety-related measures and incidents.
- **Digital Construction File:** Direct access to all project-related information.
- **Real-Time Synchronization:** Immediate data exchange between the construction site and the office.
- **Platforms:** Available for iOS and Android.

Web app

- **Work Preparation & Planning:** Tactical planning, deployment planning, and preliminary cost calculation.
- **Project Setup:** Management of specifications, standards, bills of materials, calculations, quotations, and contracts.
- **Project Management:** Management of budgets, materials, resources, schedules, and approvals.
- **Resource Scheduling:** Planning of personnel, materials, and equipment.
- **Construction Supervision:** Centralized real-time monitoring of construction progress.
- **Reporting:** Project status reports, analyses, forecasts, and final reports.
- **Billing:** Reconciliation of receivables, liabilities, and payroll reports.
- **Digital Project Documentation:** Centralized management of all construction records and project documents.
- **Analytics:** Project KPIs, progress tracking, and controlling.
- **User & Rights Management:** Management of roles and access rights.

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TKI

Technical Information

Licensing Model

- **Named User Licenses:** Annual licensing per user according to the respective role.
- **System Fee:** Annual fee for ongoing platform operation, including system services, maintenance, and updates.

Support

- **Telephone hotline:** Mon–Fri, 07:00–17:00 (local time)
- **Ticket system:** 24/7 submission, processing during business hours
- **Available separately:** Extended support, individual project assistance, and custom software modifications

Provider: TKI and Vitruvi

Installation Options

- **Mobile App:** iOS App Store and Android Store
- **Portal:** SaaS solution – no installation required

Requirements

- **Hardware:** Smartphone or tablet with a camera
- **Client:** Modern browser for the web application

Combination Products

NET Engineering

NET Scan

The combination of NET Engineering, NET Build, and NET Scan creates a fully digital workflow: planning in NET Engineering, construction execution and management in NET Build, and digital surveying and 3D scan documentation with NET Scan. Surveying and redlining data are automatically transferred to the network documentation, ensuring an up-to-date and audit-proof data repository.

Please contact us for further information.

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