

The NET Inhouse App is a mobile solution for the fast and precise capture of indoor spaces using LiDAR scanning. It enables the direct planning of installation routes, structured collection of all order-relevant data, and on-site documentation using an iPhone or iPad Pro – without the need for any additional hardware.

The associated web portal complements the app as a central platform for managing, post-processing, and evaluating the captured project data. From creating orders and reviewing scans, photos, and objects to generating reports and approval documents, practical workflows support users throughout the process and ensure a seamless connection between planning, field data capture, and documentation.

Selected Features and Workflows

App

- **Mobile Order Processing:** Management and processing of assigned orders, including status tracking and digital handover.
- **3D Building Capture:** LiDAR-assisted capture of rooms and building areas to create precise 3D models.
- **Photo Documentation:** Capture and assignment of photos for comprehensive documentation of installations, damage, and special conditions.
- **Object and Cable Documentation:** Capture of components, cables, and connection points directly within the 3D model, including additional information.
- **Digital Data Capture:** Structured collection of project-related information directly on site without media discontinuities.
- **Offline Use:** Capture of all data without an internet connection, followed by synchronization with the web portal.
- **Scan Management:** Saving, resuming, and uploading scans as well as assigning them to projects and orders.
- **Languages:** Available in 173 countries and 21 languages.
- **Data Export and Import:** Export of scans as .obj, .usdc, and .scan files.

Web app

- **Project and Order Management:** Centralized planning, management, and tracking of projects, orders, and processing statuses.
- **Resource Management:** Organization of all scans, photos, and documents in a central project repository.
- **3D Post-Processing:** Review, alignment, and merging of scans into complete digital building models.
- **Object Catalog:** Management of standardized point, line, and component objects for consistent data capture.
- **Material Evaluation:** Automatic creation of material lists and analyses based on captured objects.
- **Report Generation:** Generation of interactive 3D reports including photos, comments, material lists, and documentation.
- **Approval Workflow:** Digital approval processes including commenting, review, and tracking of changes.
- **User Management:** Management of users, roles, permissions, and organization-specific settings.
- **Dashboard and Analytics:** Overview of projects, orders, and processing progress with key performance indicators.
- **Data Export and Import:** Order lists via Excel, scans as .glb files.

Technical Information

Licensing Model

- **Process-Specific Credits:** Credits are purchased on a one-time basis for each specific process (e.g. the **Survey** process or the **Construction & Documentation** process). Each process has its own credit allocation, which can only be used for the respective application area.
- **System Fee:** The system fee covers provision of the platform and its basic system functions. It forms the basis for the use of all licensed processes.

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

Installation Options

- **Mobile App:** iOS App Store
- **Web app:** SaaS solution – no installation required

Requirements

- **Hardware:** iPad Pro or iPhone Pro with LiDAR sensor for use of the app
- **Client:**
 - Modern browser for the web application
 - Sufficient memory (at least 32 GB RAM recommended) and a suitable graphics card

Combination Products

- On the roadmap

Please contact us for further information.

TKI mbH

Web www.tki-chemnitz.com

E-Mail sales@tki-chemnitz.de

Phone +49 371 52 333-500

Curiestraße 19
09117 Chemnitz, Germany