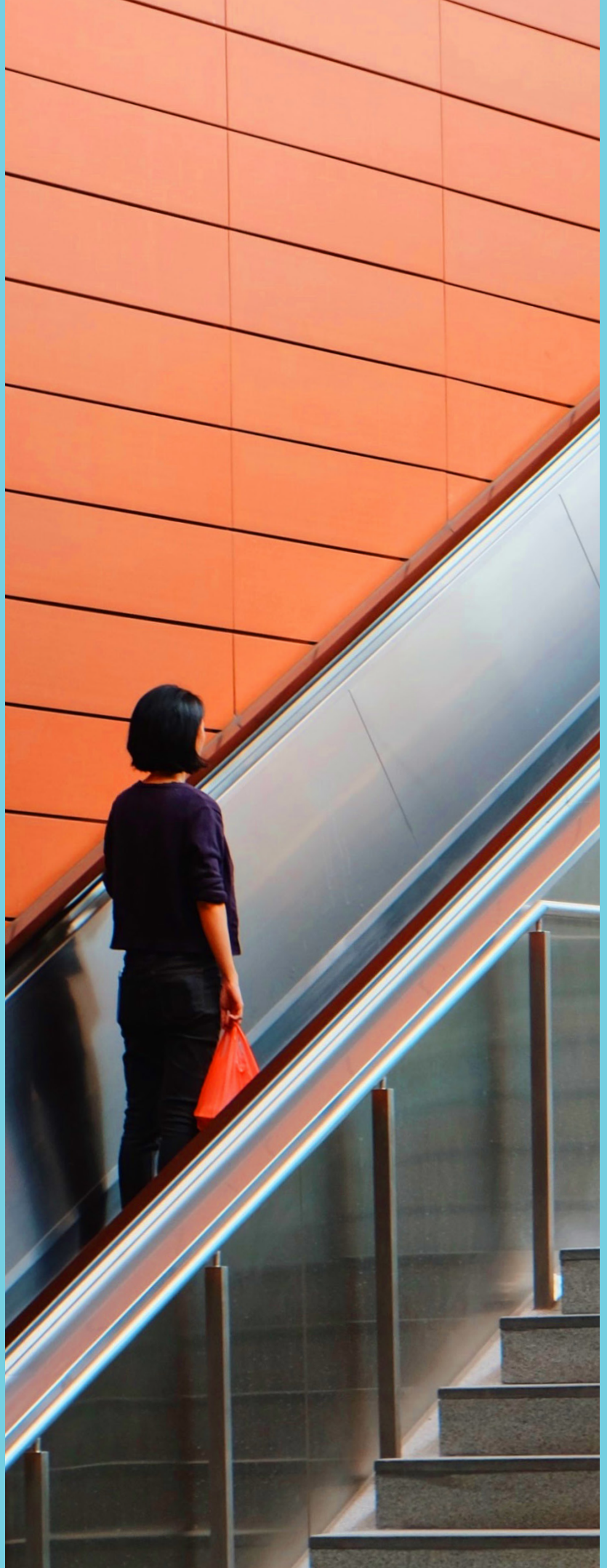


CONCLUDE CDE

THE PLATFORM FOR YOUR

CONSTRUCTION PROJECT

thinkproject





High quality data and maximum transparency

for your construction projects, always.

This unique, modular technology is 100% web-based to ensure it is always available when you need it. It offers multi-user support, even for multiple projects, where each module can be selected according to the specific requirements of a project.

CONCLUDE CDE at a glance
CONCLUDE CDE is our leading SaaS
product that enables higher quality and
planning security

FLEXIBILITY. More than 20 modules
for planning and building

- **CONCLUDE CDE:**
100% web-based with fully integrated Apps
- **Experience:**
CONCLUDE CDE currently supports over
6,000 projects
- **References:**
BMW, Deutsche Bank, Drees & Sommer,
ECB, Roche, Siemens, UBS etc.

Servers are operated in Germany

- **Security:**
SaaS product and data centres have
ISO 27001 certification
- **Data centres:**
Microsoft Azure with server location
in Germany and C5 certified infrastructure
- **Data protection:**
DSGVO - compliant data processing

All essential project procedures in a CDE –

CONCLUDE CDE MODULE SUITE

BASIC MODULES

Dashboard

Tasks

BIM

Files

Design Management

Calendar

Messages

Minutes

MODULES FOR
- Construction Phase

Site Journal

Defects

Room Book

Equipment Management

Punch List

Changes

Tendering

Photo Documentation

MODULES FOR
- Multi-project Reporting
and Cost Controlling

Report Management

Reports

Budget and Forecasting

Invoice Approval

MODULES FOR
- Operations
- Transactions

Warranty

Handover

Deal Room

Q&A



CONCLUDE CDE BASIC MODULES

Dashboard

The Dashboard is the control centre for your construction project, where you can find all the latest information in a visual overview:

- At project stakeholder level: teams can access master data, such as the approximate schedule and contacts
- At work level: access to forms, manuals and templates
- At project management level and above: Insights on current figures, events and outstanding tasks

Tasks

With the Tasks module you can manage, plan, view and track all events in the area of day-to-day project operations from various sources:

- Manage tasks from meeting minutes, BCF (BIM Collaboration Format), project plans and workflows
- Tasks to be checked are marked accordingly
- Affected project participants are automatically notified and requested to carry out a cross-check
- Management cockpit for checking the status of various tasks in one central location

Benefits

Real-time availability of project performance insights

Central information point for the entire project at all levels

Benefits

Full accountability of project participants

Daily project performance can be displayed with one click

Basis for early warnings and risk management



CONCLUDE CDE BASIC MODULES

BIM

CONCLUDE CDE supports Open BIM (Building Information Modelling) to enable the open exchange of building models for the entire project team.

It includes a BIM viewer for:

- The exchange of model data via the IFC (Industry Foundation Classes) format in CONCLUDE CDE
- Centralised instant access to and online viewing of all information and revisions at any time, including documentation and full document history, plans and model data
- Flexible workflows to structure the planning and review process for 3D models
- File naming conventions including individually definable metadata also available for models
- Documents, defects, claims and problems are linkable to the model or individual objects

In addition, CONCLUDE CDE supports central and transparent task management on a model-by-model basis.

BIM task management:

- Use of the BCF (BIM Collaboration Format) standard
- Use viewpoints to jump directly to the point in the model
- BCF task tracking includes assignment of responsibilities and deadlines, with individual filter views
- Links to the corresponding objects in the model are provided
- Importing BCF files from other software tools (e.g. for collision control etc.)

Benefits

BIM for all, regardless of the CAD system or authoring software used

Clear responsibilities and accountability of those involved in the project



CONCLUDE CDE

BASIC MODULES

Files

Files represents the central document repository for all project-specific documents, plans, drafts and models:

- The customisable folder structure allows an easy overview of all your team's files
- Assignment of metadata for use with keywords and filters via freely definable criteria
- Free allocation of permissions for folder structure and metadata
- Also included in the scope: Redlining function, version management, QR code, release stamp and notification functions for new files

Benefits

A single and reliable source of information for all project-relevant documents

Easy to use, intuitive search and filtering

Confidentiality of sensitive information is ensured



Design Management

The Design Management module supports the entire design process from initial provision to final distribution:

- List of pending plans enables monitoring of plan provision and approval
- Annotate and mark up plans without the need for additional software
- Visibility of the approval status through practical traffic light display (recognisable for all team members)
- Creation of annotations to plans without the need for additional Software
- QR code printed on the design, scanning the QR code with a tablet or smartphone immediately confirms whether the correct version specified in the plan management module is being used
- Non-erasable release annotation on the plan indicates readiness for construction release
- Workflow for the plan review process

Benefits

Plan review processes are significantly accelerated

No more errors due to the use of faulty or outdated plans



CONCLUDE CDE

BASIC MODULES

Calendar

The Calendar module provides all team members with an overview of all project-specific calendar events:

- Control and management of all recurring and one-off events
- Significantly simplify the planning process for meetings with the survey function
- Integrated interface to popular calendar solutions such as Microsoft Outlook for exporting events

Benefits

Full transparency of important events related to the whole project



Messages

The messaging module is the preferred method of communication and ensures smooth collaboration for all project participants:

- Email client-like interface for sending and receiving messages
- Full text search
- Table overview of the messages with filter function
- Creation of project-wide and individual distribution lists possible
- User-defined access rights for: Access to all messages, access to own office messages or access to own messages only
- Notifications about new documents, tasks and messages for all project participants

Benefits

Everything in one place through integrated project communication that ensures full transparency

CONCLUDE CDE

BASIC MODULES



Minutes

The Minutes module provides an additional interface for creating and managing protocols:

- Automatic distribution of agendas and minutes of completed meetings to participants
- Tasks are automatically distributed to the responsible persons, protocols are updated and agreed upon
- Also included: useful cross-linking, task tracking with list view, workflow connectivity, online form and task processing, PDF log generation for print-ready sending, email notifications for new tasks and deadline reminders

Benefits

Integrated task management to specifically track the agreed completion

Clear responsibilities of all parties involved



CONCLUDE CDE

MODULES FOR Construction Phase



Site Journal

The Site Journal module serves as a central point for the regular recording of construction progress and incidents:

- Forms to capture relevant information, including photos and links to related documents
- Comprehensive directories and extracts available as PDFs
- Automatic import of weather data at the project site into the construction diary
- Mobile app available for ad-hoc recording of problems and incidents including photos on site

Benefit

Audit-proof, reliable documentation (as a reference in legal cases) also via mobile app (Android and iOS)

Benefits

Avoid duplicate entries and manual effort by capturing data at the construction site via the mobile app (Android and iOS)

Full indication of the status of defect rectification and proof of performance as a basis for payments.

Defects

The Defects module is used for project-specific defect management and includes workflows for recording, distributing, tracking, rectifying and archiving defects:

- Customisable workflows
- Comprehensive status reports and excerpts as PDF available
- Automatic creation of reminders, VOB letters and defect and acceptance lists in the module
- Mobile app (Android & iOS) for recording and checking defects including plan location and photo assignment at the construction site



CONCLUDE CDE

MODULES FOR Construction Phase

Room Book

The fully configurable Room Book module helps you manage and maintain all of building's space-related information throughout the project lifecycle:

- Start of project: gathering of requirements and definition of attributes for different room types
- Planning: Basis for defining individual rooms with the help of detailed attributes
- Linked to the BIM module to provide the basis for quick assessments and lists (e.g. door list).

Benefit

Seamless documentation of requirements and execution as proof of performance

Equipment Management

Similar to the Room Book, the Equipment Management module can be used to manage and maintain all machinery and equipment on a construction project:

- Maintenance of an individually configurable technical building equipment, machine and plant list
- Further information enrichment during the planning, construction period and handover of the factory (e.g. certificates, documentation documents and data, maintenance plan management, etc.)

Benefit

General documentation of maintenance intervals and other machine-related tasks to be carried out





CONCLUDE CDE

MODULES FOR Construction Phase

Punch List

The Punch list module is used to digitally manage all open tasks that need to be worked on for the property to be considered substantially complete:

- Incomplete tasks, for example tasks set in regular meetings, LOP (list of open items) in Excel
- Tasks can be assigned to the responsible persons
- Execution/control is tracked through assessments and lists of all open points of the project

Benefit

Easily trackable execution of open tasks to ensure that payments are only made after satisfactory settlement



Changes

The Changes module is just one example of a workflow-based process module that can also be used for a wide range of other applications such as decision management, concerns and obstruction notifications:

- Online forms for recording, including monetary evaluation of supplements and freely definable release processes (forms are adapted to the respective use case)
- Process is supported by printable decision templates and digital stamps to document all approval steps
- Automatic storage of these documents in the central project archive
- Interface to the cost module for direct transfer of financial valuation data to the risk and Change tabs

Benefit

Fully integrated supplement and change management to show the impact on costs and budget



CONCLUDE CDE

MODULES FOR Construction Phase

Tendering

The CONCLUDE CDE Tendering module helps you distribute tender documents conveniently. In combination with the "Questions and Answers" module, it can serve as a platform for suppliers to submit a tender:

- Self-registration page per order package for interested parties
- Automatic e-mail notifications of new registrations
- Audit-proof logging and automatic termination of the tender after the submission deadline has expired
- Bid comparisons
- Commissioning from the system

Benefits

Full visibility and transparency of the offer status

Audit-proof, legally compliant tendering process



Photo Documentation

The Photo Documentation module serves as a central point for taking and classifying photos of the construction site:

- Freely configurable forms for capturing, distributing, tracking and archiving relevant information
- Automatic transfer to the "Document" module incl. key wording of the captured photos

Benefits

Capture and tagging of photos directly on the construction site via the mobile app (Android & iOS)

Central audit-proof documentation

Full CDE integration



CONCLUDE CDE

MODULES FOR Multi-Project Reporting and Cost Controlling

Report Management

Report Management is one of the two modules for multi-project reporting and part of this package. It serves as an environment for editing and controlling the data for the project manager:

- The module provides functions that support efficient and comprehensive reporting across many projects
- In addition, multiple data sources (e.g. SAP) can be used seamlessly to create reports, especially with the Cost module.
- The solution is characterised by maximum flexibility and allows you to freely define topics and data fields, to individually configure templates and to store HTML and PDF files in any desired location

Benefit

In the editing mode of multi-project reporting, the project manager can retrieve all relevant information tailored to their needs



Reports

The Reports module is the second module of multi-project reporting and gives you functions that support efficient and immediate reporting across many projects:

- Adjusted reporting includes assessments, trends and time series analysis for internal and external business partners and project stakeholders
- Once a project report has been approved by the data owner or project manager, the Reports module creates an HTML web page and a corresponding PDF file for each project
- The HTML website can be integrated into the developer's Intranet and the classic PDF report can be sent by e-mail or via the news module

Benefits

Presentation of the results in a clear way for the decision-making level

Optimised for mobile devices



CONCLUDE CDE

MODULES FOR Multi-Project Reporting and Cost Controlling

Budget and Forecast

The Budget and Forecasting module is the ideal tool for transparent budget compilation as well as cost control, especially for larger projects:

- The module, which brings together and displays all budget and cost items, enables forecasts, valuations, cross-organisational accounting runs and cash flow planning, anytime and anywhere
- An interface with SAP can be configured for automatic data transfer
- With its different budgeting methods (award units commercial budgeting) the cost module bridges the gap between different systems and cost philosophies, enabling efficient and highly effective cost management. The module combines systematic risk management and dynamic cash flow planning and offers thus a solid basis for well-founded, reliable forecasts with data that is updated daily throughout the project
- The Cost module also has integrated interfaces to our Change Management, Invoices and Reporting modules. In addition, it contains a report generator with comprehensive assessment options, forecasts and risk analyses. It generates cover letters for invoices and supports the detailed authorisation concept for connecting the different user groups

Benefit

Real-time analysis and full transparency on all costs, without overusing Excel spreadsheets



CONCLUDE CDE

MODULES FOR Multi-Project Reporting and Cost Controlling

Invoice Approval

In the Invoice Approval module, the verification and approval of all invoices are centrally managed and optimised:

- Freely configurable workflows for the provision of user-defined review and approval processes (including external stakeholders)
- Deadline monitoring and time management
- Interface to the cost module (link to order or invoice form) in CONCLUDE CDE
- Overview of the current processing status
- Full text search in invoices

Benefit

Full visibility of all invoices and their processing status





CONCLUDE CDE

MODULES FOR Operations and Transactions

Warranty

Convenient management of warranty periods after completion of construction:

- Workflow-based processes – from the recording of defects at the user/tenant to the execution by the contractors – for control and statistical evaluation
- Identical functionality to the Defects module
- Mobile app for recording defects available (Android and iOS)

Benefit

Full transparency on any outstanding warranties and remedies to ensure smooth project completion



Handover

This module makes the transfer of built assets easy:

- Defects, measurements and meter readings can be recorded with the mobile app
- Freely definable checklist for a structured handover
- Digital protocol that can be signed on the tablet and distributed immediately

Benefit

Paperless, efficient handover for a pleasant customer experience



Q & A

The Q&A module serves as a transparent communication medium between the (anonymous) bidders and the client or their representatives:

- Structured processing of questions and answers
- Good documentation of all communication

Benefit

Audit-proof documentation as a future reference for legal or other matters



CONCLUDE CDE

MODULES FOR Operations and Transactions

Deal Room

In the Deal Room, potential buyers of a property or portfolio are provided with all relevant documents/information:

- Collect, scan and file the documents in a structured way, with a watermark and time-stamp if necessary
- Invite potential buyers to view the documents directly in the module
- Included are PDF encryption and watermarking, access logging, disclaimer for interested

Benefit

Buyer-friendly and highly transparent due to a diligence process that helps close sales

About Thinkproject

Thinkproject is Europe's leading SaaS provider for Common Data Environment, Asset, BIM and Field Management, and Project Controlling. Thinkproject has been digitising construction companies, builders, project managers and planners for more than 20 years with powerful, flexible technology in combination with consulting expertise from the knowledge of complex large-scale projects.

With 700+ employees worldwide, Thinkproject offers digital solutions that cover the entire life cycle of a construction project, supporting:

75,000

PROJECTS

60

COUNTRIES

3,250

CUSTOMERS WITH MORE THAN

700+

CUSTOMER-ORIENTED
EMPLOYEES IN

300,000

USERS IN OVER ...

23

OFFICES

thinkproject