

Software for Precast Concrete Manufacturers



Welcome to our software presentation



IDAT GmbH
Pfnorstraße 10
64293 Darmstadt
GERMANY

Tel: 0049-6151-7903-0
Fax: 0049-6151-7903-55
Mail: info@idat.de

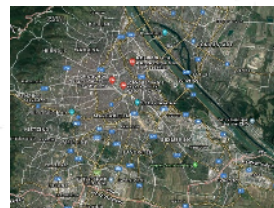
Software for Precast Concrete Manufacturers



- Founded in 1981
- Experience in Precast Concrete since 1985
- 28 employees (January 2018)
- 4 office locations



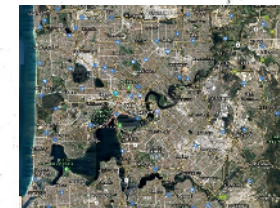
Darmstadt
Head office



Wien
Department ERP



Schlüsselfeld
Development



Perth
Sales / Support
South East Asia

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Software for Precast Concrete Manufacturers



IDAT offers high specialized software products for the following areas



Sprinkler systems



Geomechanics



Precast Concrete

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- 8 international sales partners
- 208 customers in 41 countries
- app. 1000+ installed CAD workstations



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Software for Precast Concrete Manufacturers

Our strong partner

- **Autodesk Authorized Developer since 1992**
- **Autodesk Industrial Partner since 2010**



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Software for Precast Concrete Manufacturers



The programs we offer:

IDAT-CCAD

IDAT-RevitPrecastLink

IDAT-RevitPrecast

IDAT-PPS

IDAT-ERP



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The long established CAD solution

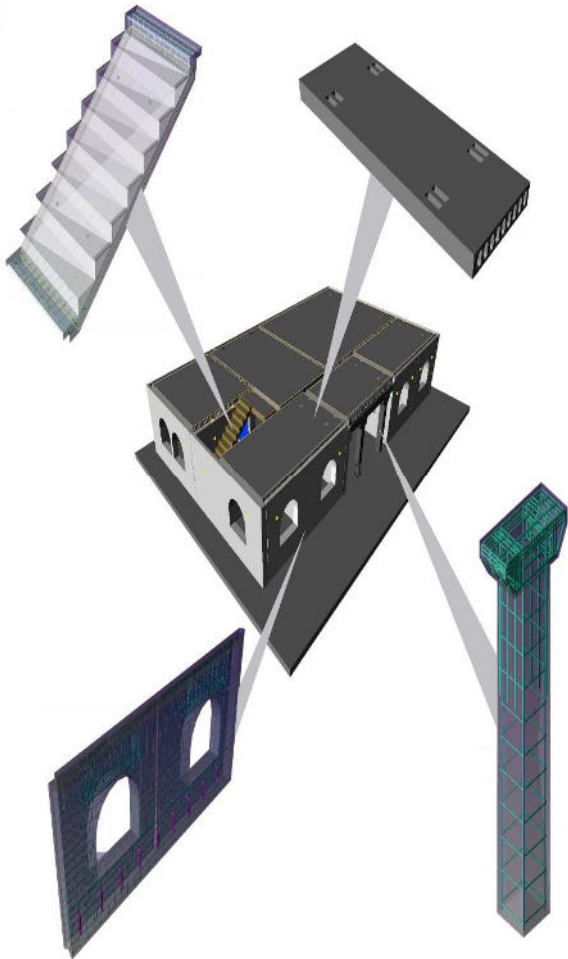
IDAT-CCAD



- parametrised and on a high level of automation
- fully 3 dimensional
- automatic reinforcement and plan generation
- CAD/CAM interface
- based on the market leading software AutoCAD

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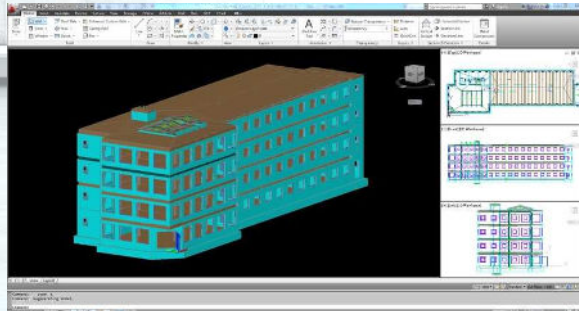
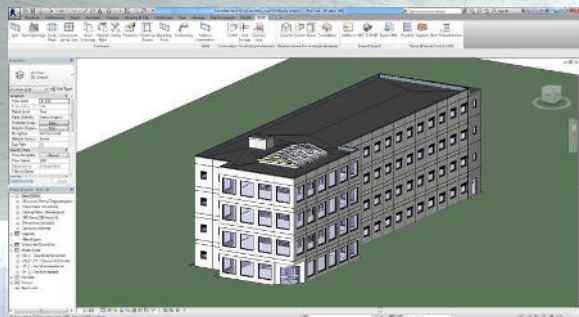
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Software for Precast Concrete Manufacturers



Autodesk Revit



IDAT - CCAD

Precast detailing with Revit models

IDAT-RevitPrecastLink



- bidirectional data exchange between Autodesk Revit und IDAT-CCAD
- individual configurationable to every Revit model
- full BIM integration
- Change management

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Software für die Betonfertigteilindustrie



Precast detailing on Revit platform

IDAT-RevitPrecast



- Precast concrete detailing solution on Revit platform
- no data exchange with other programs necessary
- high level of automation
- automatic segmentation and reinforcing of walls and slabs
- automatic generation of shop drawings and site plans
- CAD/CAM interface



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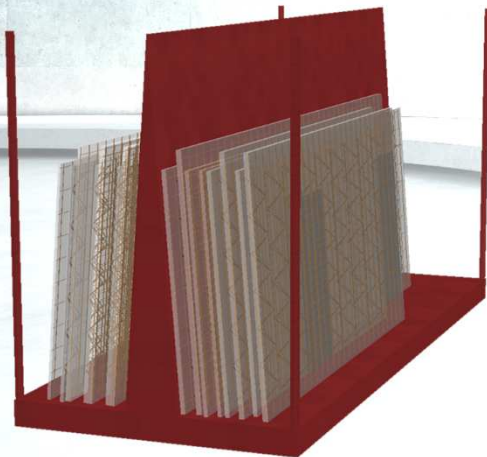
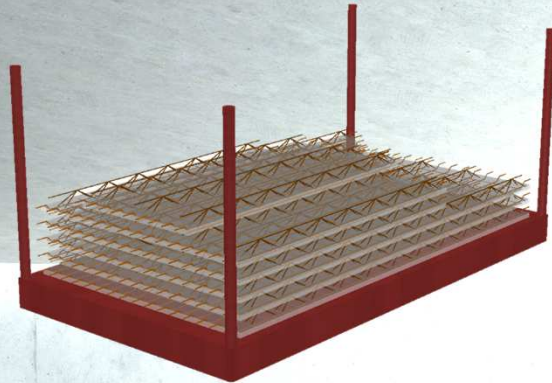
Graphical transport stacking

IDAT-Stacker

- graphically supported generation of transport stacks
- useable stand alone or with ERP integration
- individual configurable to different types of stacks and trucks
- Check maximum stack / truck weights
- Automatic generation and printing of loading lists

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Software for Precast Concrete Manufacturers



Graphical bed planning / palletisation

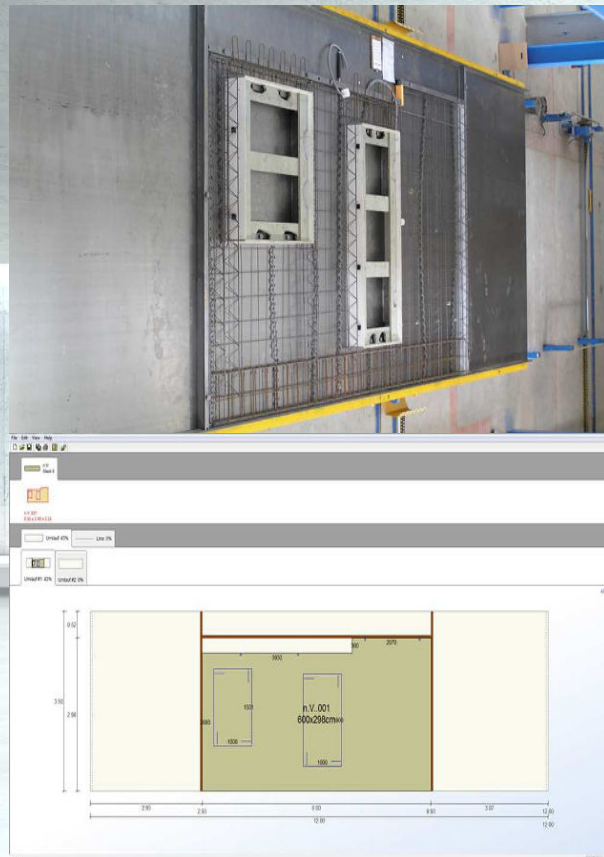
IDAT-Palettizer



- graphically supported production planning for casting pallets, casting lines or moulds
- useable stand alone or with ERP integration
- individual adaptable configuration to every table or line size
- Stack order can be considered when necessary
- Generation and printing of production lists

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One software for all tasks

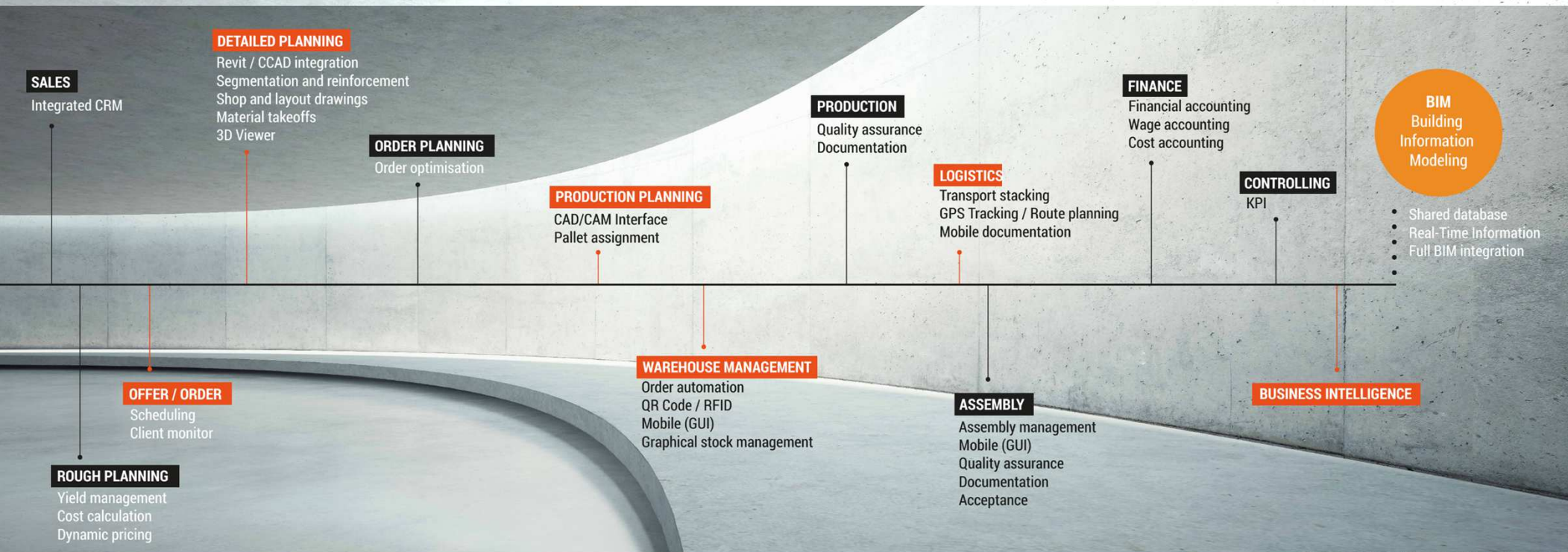
**With IDAT-ERP to most resource
efficient business planning**

Software solution out of one hand



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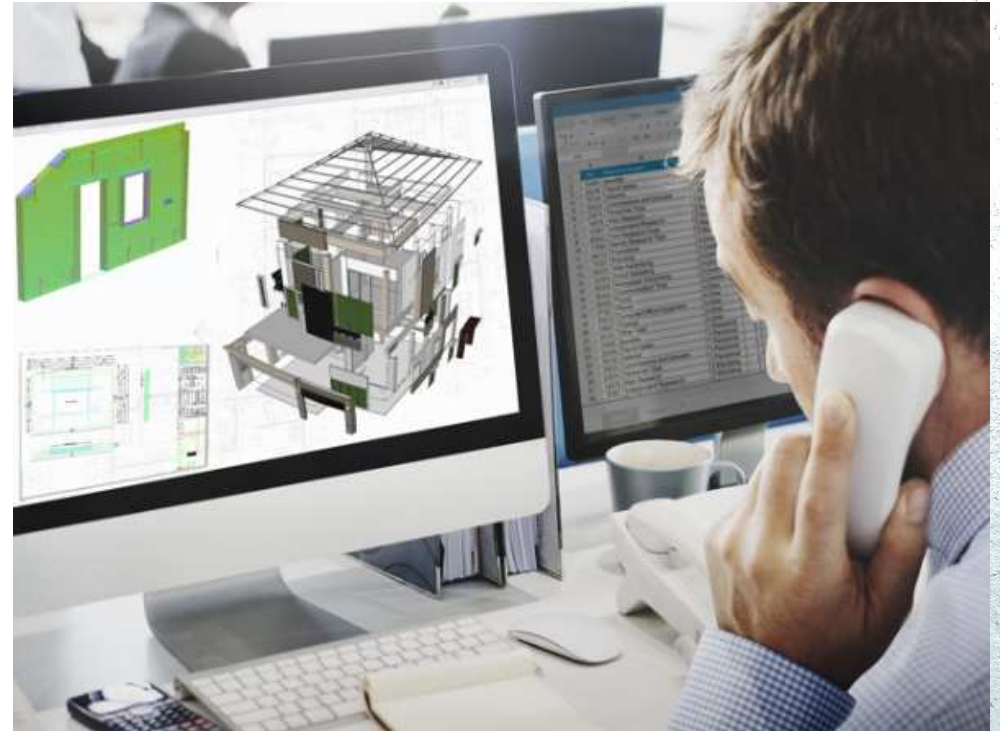
Overview of functionalities

- Due and overdue tasks / follow up activities
- Manage contacts
- History of calculations, quotations and invoices per client
- Communication history for every client, person or project
- Direct integration of external calendars such like outlook etc.



Overview of functionalities

- Calculation and simulation opportunities for generation of quotations
- Easy calculation due to individual adaptable templates
- Analysis functions for quotation optimisation
- Direct implementation of Revit models for estimation



Overview of functionalities

- Process documentation
- CRM data will be overtaken for the planning process
- Quik and easy confirmation and approval by the client
- Adaptable dashboards gives an overview about customer orders and the according details



Overview of functionalities

- 3D CAD / BIM Design
- CAD / CAM machine data
- Automatic segmentation, reinforcing and drawings
- Part list generation and check of availability in stock / purchase orders if necessary
- Direct ERP integration
- Precast concrete design with Revit building models
- Based on the market leading Autodesk platforms AutCAD and Revit



Overview of functionalities

- Production scheduling under consideration of date, capacity and priority against other projects
- The graphically resource planning table of IDAT-ERP shows upcoming production orders and actual workload in a clearly arranged view.
- Graphically bed / mould / pallet planning for all production lines available
- Material supply for the according date and production line
- Graphically transport stacking if necessary in this stage of process



Overview of functionalities

- Stock and purchase statistics
- Ongoing adjustments of material demands by upcoming projects and subsequent changes of production dates or amounts
- Information about suppliers
- Consideration of delivery times and preliminary lead times



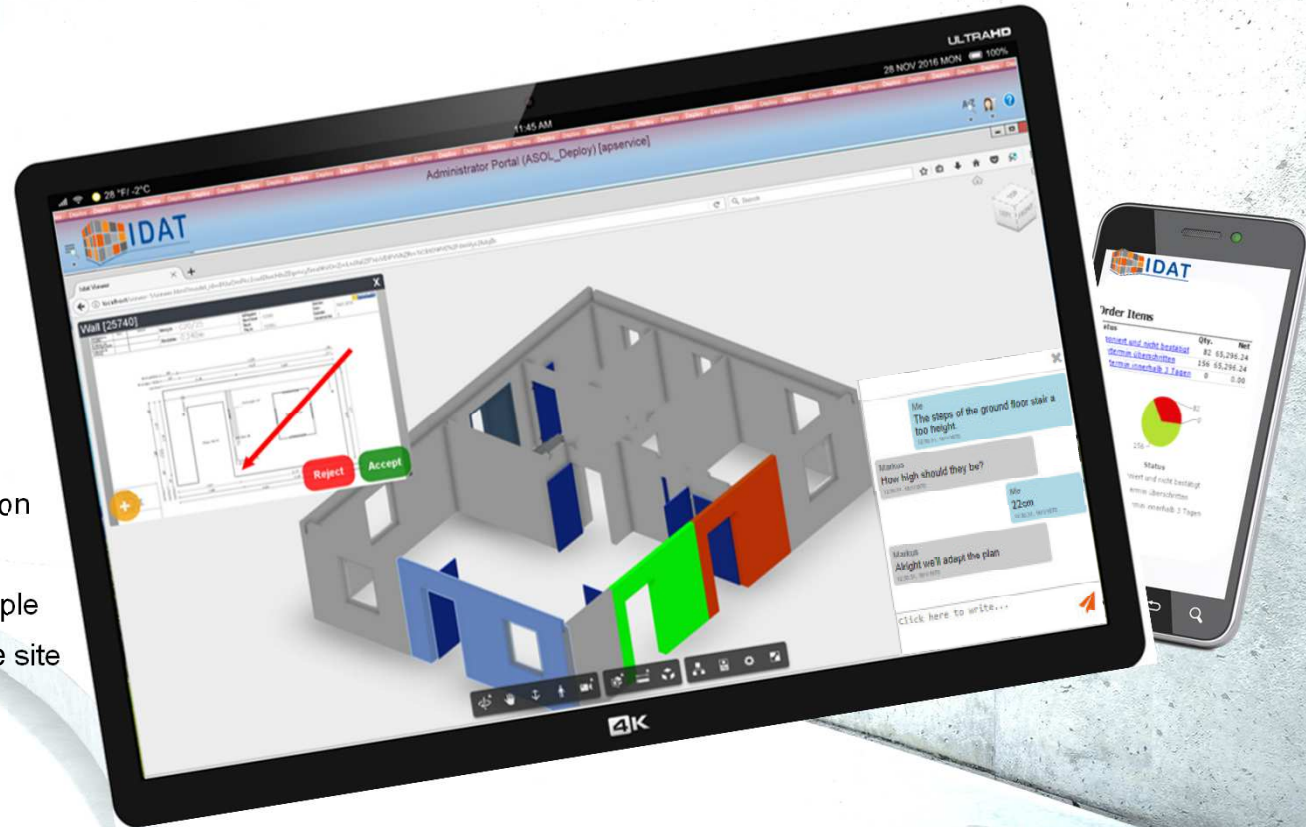
Overview of functionalities

- Date and resource management
- Scheduling of transport orders
- Generation of all transport relevant documents
- GPS tracking and route planning
- Disposition of trucks, cranes and assembly teams for the site



Mobile devices

- All data available in real time
- Directly feedback from the construction site
- User adapted information
- Integrated 3D model with status relevant information
- Paperless information exchange with external people for approval process or problem reporting from the site



Overview of functionalities

- Financial and cost accounting
- Asset accounting
- Payroll accounting
- Automated billing
- Creditor / Debtors management
- Generation of significant finance management ratios
- Connection to external financial accounting programs is possible



Controlling



IDAT-ERP delivers all relevant corporate data. For controlling predefined analysis tools are available. Also individual key datas for order / customer / process or company evaluation are included in IDAT-ERP. The results are linked back directly to the according departments across the business intelligence tool. So an ongoing process optimisation is performed by the system.

- Analysis of all company divisions
- Operating figures overview
- KPI development
- Risk management
- Inter-divisional analytic opportunities



