



RK-PLAN

CONSULTING.
PLANNING.
MONITORING.



“TECHNOLOGY, COSTS, CONTRACTORS AND DEADLINES
– WE’VE GOT THEM COVERED.”

RK-Plan at a glance

- Engineering office for specialist building services planning
- Planning office for building systems / technical building equipment
- New construction, refurbishment, renovation and revitalization
- Specializing in challenging large-scale projects
- Based in the town of Maintal near Frankfurt am Main since 2015

HOW YOU CAN BENEFIT FROM OUR EXPERTISE.

Technology, timing and costs well under control

“OUR PLANNING ACTIVITIES INVOLVE
SPECIALIST EXPERTISE AND PLENTY OF
COMMON SENSE.”

Standardized
procedure

High planning
reliability

Securing building
quality

Perfectly scheduled
planning

Implementation in
line with your budget

WE SUPPORT YOU IN ALL CONSTRUCTION PHASES.

Pragmatic solutions for construction progress perfectly on schedule



Initial rough planning

Design and execution planning

Construction phase

Handover

Commissioning

Billing

OUR BUILDING SERVICES



Heating

Heat supply, water heating



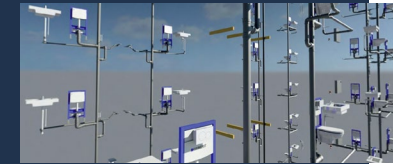
Ventilation and air conditioning planning

Residential ventilation, ventilation systems



Cooling

Air conditioning, refrigeration technology



Sanitary planning

Water/wastewater, utilities, gas installations



Building/Room automation systems



Media supplies for fire extinguishing systems



Process heating, cooling and ventilation systems



Special-purpose systems

WE ARE YOUR SPECIALIST FOR BUILDING SERVICES PLANNING IN



Data centers



Accommodation
solutions and hotels



Offices and
administration
buildings



Malls and department
stores



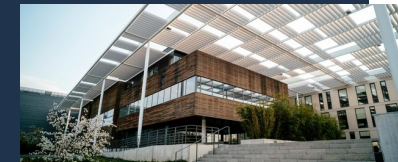
Industrial buildings
and production halls



Hospitals, retirement
homes and nursing
homes



Public buildings



Schools, universities
and kindergartens



360° PLANNING FROM ONE SINGLE SOURCE.

Our services

- Concept planning (general and specific)
- Calls for tenders (evaluation and awarding contracts)
- Construction inspection / supervision
- Monitoring contract execution - in accordance with the German Construction Contract Procedures (VOB)
- Work based on tendering, awarding and invoicing
- Work stages 1 to 9 according to the German Regulations on Architects' and Engineers' Fees (HOAI)
- Energetic optimization
- Feasibility studies and risk analysis
- Technical due diligence
- Mechanical commissioning

OUR SPECIAL SERVICES

Building information
modeling (BIM)

Computational fluid
dynamics (CFD)

Evaluating and
optimizing buildings

Building services
planning for hospitals

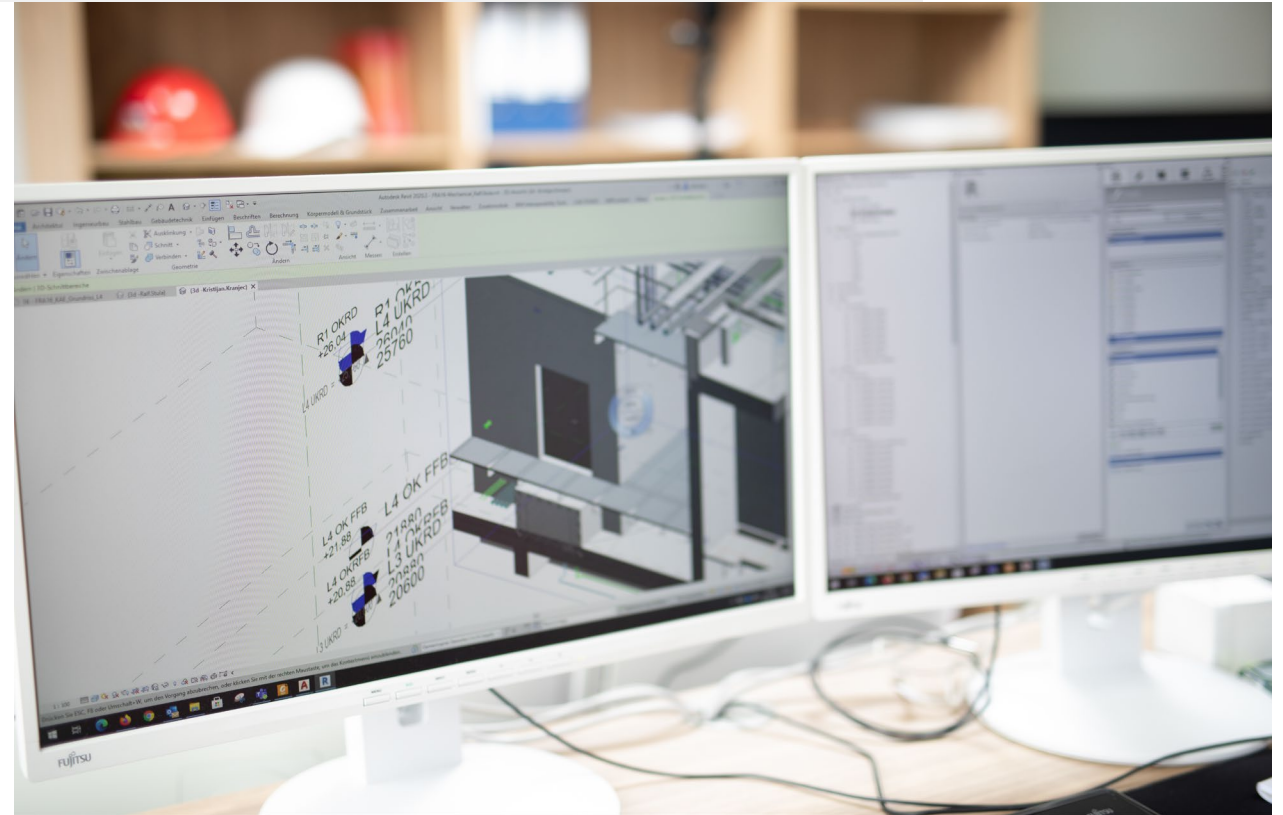
Mechanical
commissioning for
data centers



WE THINK AHEAD: BIM

Building Information Modeling (BIM)

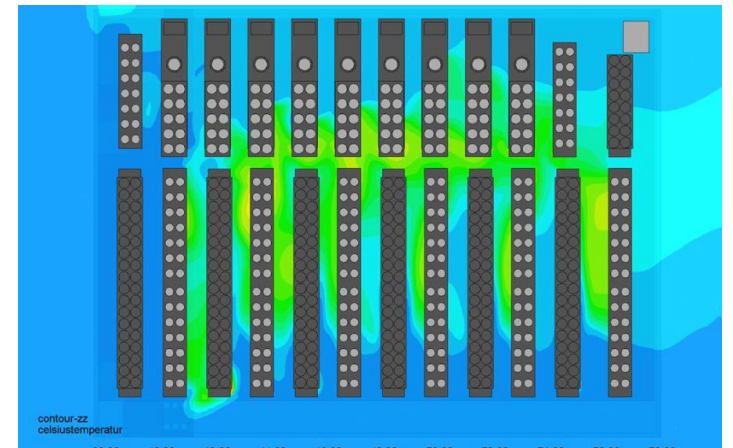
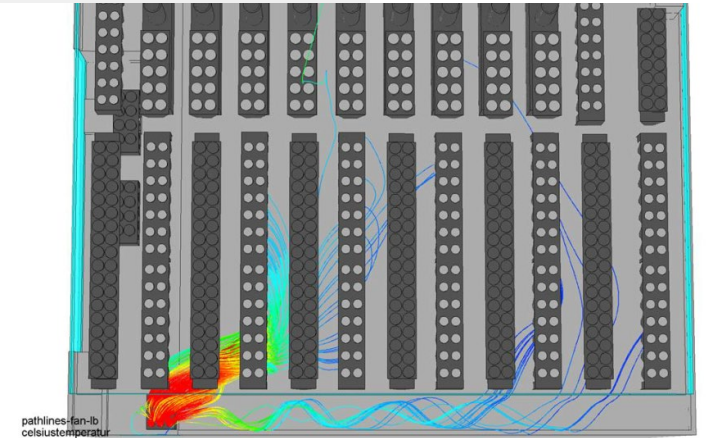
- Our standard approach when planning new buildings
- Ideal for computer centers, industrial buildings and all complex buildings
- Optimized planning
- Transparent, central documentation of all changes
- With Autodesk Revit software
- Open und closed BIM



COMPUTATIONAL FLUID DYNAMICS (CFD)

Know more at an earlier stage thanks to CFD

- Dynamic thermal building and plant simulation
- Computer-based simulations using numerical fluid mechanics
- Simulates the effectiveness of systems engineering in as early as the planning phase
- Offers increased project security



EVALUATING AND OPTIMIZING BUILDINGS

Refurbishment, renovation and revitalization:
identifying potential, future-proof planning



- Target-performance comparison
- Energetic optimization
- Renovation, conversion and extension
- Planning in line with your budget
- Technical optimization
- Conducting feasibility studies
- Considering funding options

BUILDING SERVICES PLANNING FOR HOSPITALS

Experience with sophisticated technology

- Ventilation and air conditioning technology
- Operating room technology
- Utilities
- Drinking water and wastewater systems
- Pressure boosting stations
- Pumping stations and separators
- Individual solutions

MECHANICAL COMMISSIONING FOR DATA CENTERS

Commissioning data centers according to schedule

- Developing test scripts
- Conducting and recording the results of performance tests
- Evaluating and analysing
- Ultrasound flow measurements using our own equipment
- Final acceptance test (FAT)
- Consulting with other contractors



QUALITY DOESN'T BUILD ITSELF

What makes us stand out from the rest

- We are your problem-solver, source of ideas and technical partner.
- We often get started where others give up.
- We are your specialist for technically challenging projects.



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MANAGING DIRECTOR



MARKUS KRÖLL
MANAGING DIRECTOR

BRIGITTE RIEKER
MANAGEMENT ASSISTANT

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BACHELOR
▪ PROJECT
MANAGEMENT
▪ PLANNING
▪ COMMISSION
▪ CONSTRUCTION
INSPECTION

**FROSINA
DONEVA**

ENGINEER
▪ PLANNING
▪ CALLS FOR TENDERS
▪ AUDITING OF ACCOUNTS

**JAN
ERMEL**

TECHNICAL
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▪ CAD CONSTRUCTION
▪ AUTO CAD/C.A.T.S.
▪ BIM REVIT

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