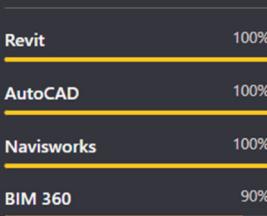




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- ✓ ReCap Pro
- ✓ RevitPro
- ✓ BIMCollab
- ✓ Glue
- ✓ Revit Systems
- ✓ Fabrication Parts

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Discover my completed projects!

[PROJECTS](#)



9+ Years Experience in BIM MEP

2+ Years Experience in Architecture

20+ Completed Projects

My Services

BIM Model Management

Comprehensive management and coordination of Building Information Models to ensure project accuracy and efficiency.

MEP Coordination

Integration and coordination of Mechanical, Electrical, and Plumbing systems in BIM environments.

BIM Model Audit

Thorough auditing of BIM models for compliance, accuracy, and quality assurance.

CAT A & CAT B Fit Out Design

Design services for Category A and B fit-out projects, focusing on high-quality interiors.

MEP Modular Design

Modular design solutions for MEP systems to optimize installation and performance.

Detailed Plant Room Design

In-depth design of plant rooms including HVAC, Critical Cooling, Comfort Cooling, Heating, Electrical and Plumbing layouts.

Hourly Rate

BIM Coordinator

£ 40 p/h

Coordination of all BIM processes from design through construction.

BIM Manager

£ 50 p/h

Comprehensive BIM management including project oversight, team coordination, and quality control.

Own Licences & Hardware

£ 5 p/h

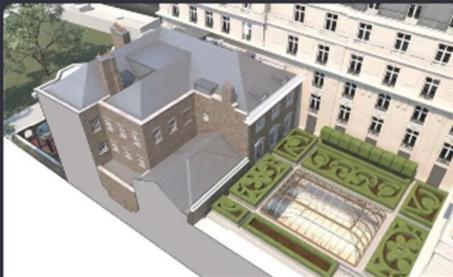
Extra charge for using personal software licenses and hardware resources for project execution.

Completed Projects



Frankfurt Data Centre

- 📍 Frankfurt, Germany
- ⚡ 16.2MW Total Power
- ❖ 8,200 m²

[Learn More](#)

London 5 ★ Hotel

- 📍 London, UK
- 🛏️ 150+ Rooms
- ❖ 9,200 m²

[Learn More](#)

Lisbon Data Centre

- 📍 Lisbon, Portugal
- ⚡ 10MW Total Power
- ❖ 3,162 m²

[Learn More](#)

Mainz Data Centre

- 📍 Mainz, Germany
- ⚡ 54MW Total Power
- ❖ 18,000 m²

[Learn More](#)

Vienna Office Building

- 📍 Vienna, Austria
- ❖ 5,000 m²

[Learn More](#)

Vienna Data Centre

- 📍 Vienna, Austria
- ⚡ 10MW Total Power
- ❖ 6,500 m²

[Learn More](#)



Frankfurt Data Centre

📍 Frankfurt, Germany ⚡ 16 MW Power ⚡ 8,200 m²

Project Overview

Frankfurt Data Centre is located at Hanauer Landstraße 360, Building 2, 60386 Frankfurt am Main, Germany, within the Digital Park Fechenheim campus. It is housed in the historically preserved former Neckermann headquarters, designed by architect Egon Eiermann, blending architectural heritage with advanced data center engineering.

The facility provides 8,200 m² of colocation space with a total IT capacity of 16 megawatts (MW). It launched with 6.4 MW and is planned to expand with an additional 9.6 MW.

Frankfurt Data Centre is optimized for HPC and AI workloads, featuring liquid cooling, 2N UPS redundancy, N+1 generator and cooling systems, and a 60-hour power reserve, ensuring exceptional uptime and performance efficiency.

BIM Scope

Stage 5 BIM Scope

- ✓ Mechanical Package (Comfort Cooling / Critical Cooling / Ventilation / Heating)
- ✓ Public Health Package (Domestic / Drainage / Domestic Plantroom)
- ✓ Fire Package (Gas Suppression / 3D Fire Elements / Dry Riser)
- ✓ Large Roof Plant Room Package
- ✓ Isometrics Package (Comfort Cooling / Critical Cooling)
- ✓ Risers Package
- ✓ Schematics Package
- ✓ Additional Services: Management / Multi Discipline Coordination / Family Creation / Clash Detection / BWIC

Stage 6 BIM Scope

- ✓ As Built Revit & Navisworks Models
- ✓ As Built Drawings & Schematics
- ✓ Point Cloud Survey / As Installed Updates



London 5 ★ Hotel

📍 London, United Kingdom 🏨 150+ Rooms ⚒ 9,200 m²

Project Overview

This prestigious five-star luxury hotel in the heart of London represents the epitome of hospitality excellence. Located in one of the most sought-after areas of the city, this iconic establishment combines timeless elegance with modern amenities to provide guests with an unparalleled experience.

The development features over 150 luxury guest rooms and suites spread across 9,200 m² of meticulously designed space. Each room has been crafted to provide the highest level of comfort while maintaining the building's historic character and architectural significance.

The hotel includes world-class dining facilities, a state-of-the-art spa and wellness center, conference rooms, and elegant ballrooms capable of hosting prestigious events. Advanced MEP systems ensure optimal climate control, lighting, and guest comfort throughout the property while maintaining energy efficiency and sustainability standards.

BIM Scope

Stage 5 BIM Scope

- ✓ Mechanical Package (HVAC / Comfort Cooling / Kitchen & Cigar Lounge Ventilation)
- ✓ Public Health Package (Hot & Cold Water / Drainage / Sanitary)
- ✓ Electrical Package (Power Distribution)
- ✓ Services Coordination (Service Routes within Ceiling Voids / Fire Stopping / Penetrations)
- ✓ Additional Services: Multi-Discipline Coordination / Heritage Building Integration / Clash Detection / Construction Sequencing / As-Built Modelling



Lisbon Data Centre

📍 Lisbon, Portugal ⚡ 10 MW Power ⚡ 3,162 m²

Project Overview

The Lisbon Data Center is strategically located in Lisbon, Portugal, one of Europe's emerging technology hubs. This state-of-the-art facility serves as a critical infrastructure node for businesses operating across Southern Europe and provides excellent connectivity to both European and transatlantic networks.

The facility provides 3,162 m² of colocation space with a total IT capacity of 10 megawatts (MW). Designed with scalability in mind, the facility supports future expansion to meet growing market demands.

Lisbon Data Centre features advanced cooling systems, redundant power infrastructure with N+1 configuration, and comprehensive security measures. The facility is engineered to maintain optimal performance and reliability for mission-critical applications.

The project utilized a full building modular design approach, where all MEP systems were prefabricated off-site in controlled warehouse conditions and transported to Lisbon for final assembly, ensuring superior quality control and accelerated construction timelines.

Lisbon Data Centre is a unique project for us, as it was fully prefabricated in an off-site warehouse and subsequently assembled on site in Lisbon, Portugal. This approach requires exceptional quality and precision to ensure a smooth, bolt-to-bolt installation during on-site assembly.

BIM Scope

Stage 5 BIM Scope

- ✓ Mechanical Package (Office Ventilation / DC Smoke Extraction & Fresh Air Systems / DX Refrigeration system)
- ✓ Fire Package (Dry Riser System)
- ✓ Public Health Package (Domestic / Drainage / Sanitary / Condensate systems)
- ✓ Additional Services: Management / Revit Family Creation / Clash Detection / BWIC layouts

Stage 6 BIM Scope

- ✓ As Built Revit & Navisworks Models
- ✓ As Built Drawings & Schematics
- ✓ As Installed / Red Pen Updates



Mainz Data Centre

📍 Mainz, Germany ⚡ 54 MW Power ⚙ 18,000 m²

Project Overview

Mainz Data Centre is one of the most modern and sustainable data centers in Europe, located in Mainz, Germany. The first of three data center buildings on a site area of 25,000 square meters, which will house a total output of 54 MW on 18,000 square meters of whitespace.

This facility is directly connected to Mainz's district heating network, transforming digital heat into green heat. The data center heats cooling water to around 30°C, a large heat pump raises the temperature to up to 125°C, and the heat is fed into Mainz's district heating network via heat exchangers. The system provides up to 60 MW of waste heat for the Mainz district heating network, making a significant contribution to the decarbonization of district heating.

The data center operates with green electricity from renewable energy sources and features Rhine water cooling. The emergency power supply is provided by on-site power plants, eliminating the need for expensive and climate-damaging diesel generators, making the data center emission-free.

Built exclusively to Level 3 standards, all systems are redundant, ensuring extremely high availability. The strategic proximity to the Mainz Internet Exchange (DE-CIX) and optimal location on the Ingelheimer Aue provide excellent connectivity and infrastructure advantages.

BIM Scope

Stage 5 BIM Scope

- ✓ Mechanical Package (Comfort Cooling / Critical Cooling / Heating / Ventilation / Smoke Extraction & Fresh Air Systems)
- ✓ Public Health Package (Domestic / Drainage / Sanitary)
- ✓ Large Two-Level Basement Plant Room Package
- ✓ Risers Package
- ✓ Schematics Package
- ✓ Additional Services: Management / Stage 5 BIM Family Creation / Clash Detection / BWIC & Supports layouts

Stage 6 BIM Scope

- ✓ As Built Revit & Navisworks Models
- ✓ As Built Drawings & Schematics
- ✓ Point Cloud / As Installed Updates



Vienna Office Building

📍 Vienna, Austria ✨ 5,000 m²

Project Overview

The Vienna Office Building in Vienna, Austria, is a modern facility designed for reliability and efficiency. AKRO Solutions delivered full MEP BIM services, focusing on advanced mechanical, public health, and fire protection systems, with robust prefabrication and coordination.

BIM Scope

Stage 5 BIM Scope

- ✓ Mechanical Package (Comfort Cooling / DX Refrigeration / Heating / Ventilation)
- ✓ Public Health Package (Domestic / Drainage / Sanitary)
- ✓ Fire Package (3D Fire Elements / Fire Distinguishes)
- ✓ Roof Plantroom Package
- ✓ Isometrics Package (Comfort Cooling)
- ✓ Risers Package
- ✓ Rainwater System Package
- ✓ Schematics Package
- ✓ Additional Services: Management / Stage 5 Revit / BIM Family Creation / Clash Detection / BWIC layouts



Vienna Data Centre

📍 Vienna, Austria ⚡ 10 MW Power ⚙ 6,500 m²

Project Overview

The Vienna Data Centre in Vienna, Austria, is a state-of-the-art facility designed to deliver high performance and reliability. AKRO Solutions provided comprehensive BIM services, including advanced modeling, coordination, and prefabrication detailing for all critical systems. The project focused on efficiency, scalability, and future-proofing the infrastructure for evolving client needs.

BIM Scope

Stage 5 BIM Scope

- ✓ Mechanical Package (Critical Cooling / Comfort Cooling / DX Refrigeration / Heating / Ventilation)
- ✓ Public Health Package (Domestic / Drainage)
- ✓ Fire Package (Gas Suppression / Foam System / 3D Fire Elements / Fire Distinguishes)
- ✓ Large Roof Plantroom Package
- ✓ Isometrics Package (Critical & Comfort Cooling)
- ✓ Risers Package
- ✓ Rainwater System Package
- ✓ Schematics Package
- ✓ Additional Services: Management / Stage 5 Revit / BIM Family Creation / Clash Detection / BWIC layouts

Stage 6 BIM Scope

- ✓ As Built Revit & Navisworks Models
- ✓ As Built Drawings & Schematics
- ✓ Point Cloud Survey / As Installed Updates