



SAFE | NIKA

VIRTUAL DESIGN | DIGITAL CONSTRUCTION | BUILDING INFORMATION MODELING



SAFE | NIKA

is a leader in it's sector,
aims to be a strong and
respected world company.

Consultancy and project management services are provided to many companies in digital construction management.

We provide solutions and services to the construction sector in all areas with BIM and ERP, as well as 4D BIM planning, business intelligence, 5D BIM cost management,

OpenBIM building physics analysis, CDE, information management, 3D BIM design service, VR/AR services that will help companies survive in the competitive environment.



WHO WE ARE

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OUR VISION

Our vision is to make BIM, the future of construction technologies, accessible around the world.

FUTURE-READY BIM & DIGITAL CONSTRUCTION PHILOSOPHY



INNOVATION DRIVEN

We embrace cutting-edge BIM, AI, and digital twin technologies to redefine construction processes. By leveraging automation, cloud collaboration, and real-time data, we ensure our clients stay ahead of the curve in an ever-evolving industry.



SMART & EFFICIENT EXECUTION

Our approach is built on data intelligence and lean methodologies. We optimize project planning, cost control, 4D/5D BIM, digital workflows, and AI-driven simulations, OpenBIM analysis, minimizing risks and maximizing productivity.



SUSTAINABLE & IMPACTFUL DESIGN

We believe in sustainable construction powered by BIM-based energy analysis, carbon footprint tracking, and material efficiency modeling. Our mission is to build smart cities and eco-friendly infrastructures with data-backed precision.



IMMERSIVE DIGITAL EXPERIENCE

From VR/AR-enabled design visualization to AI-assisted project monitoring, we bridge the gap between the physical and digital worlds, making construction more interactive, data-driven, and efficient.

10 COUNTRY COVERED

100 COMPLETED CASES

15 YEARS OF EXPERIENCE

80 SATISFIED CUSTOMERS

What is BIM & Digital Construction?

BIM

BIM is a collaborative process that integrates 3D models with valuable data, enabling better planning, coordination, and decision-making throughout a project's lifecycle. It enhances efficiency, reduces costs, and minimizes risks by creating a digital twin of the built environment.

Digital Construction takes BIM to the next level by incorporating advanced technologies such as 4D (time-based planning), 5D (cost estimation), AI-driven analysis, reality capture, and cloud-based collaboration. This holistic approach ensures greater accuracy, improved productivity, and seamless project execution.



- 4D Planning
- 5D Cost Management
- AI-driven Analysis
- Reality Capture
- Cloud-based Collaboration
- VR/AR Technologies
- IOT
- Building Physics

Digital Construction

At Nika BIM & Digital Construction, we specialize in delivering cutting-edge BIM services tailored to the needs of contractors, developers, and investors.

From model-based coordination to digital project management, our expertise helps clients achieve smarter, faster, and more cost-effective construction workflows.

- 3D BIM Modeling
- 3D Visualisation
- Laser Scan to BIM
- 7D Asset Management
- CAD to BIM
- ISO 19650
- BEP
- OpenBIM Analysis

Why BIM & Digital Construction?

The Future of Smart & Integrated Project Management

In the digital era, construction is no longer just about bricks and mortar- it's about data-driven intelligence, automation, and seamless digital workflows. Traditional project management methods are outdated, leading to inefficiencies, cost overruns, and communication gaps.

At SafeNika, we bridge the gap between technology and construction by enabling fully integrated, data-centric workflows that ensure seamless collaboration, efficiency, and smart decision-making.

- 50% Faster Project Delivery with optimized workflows
- Up to 30% Cost Reduction by eliminating inefficiencies
- 80% Less Rework due to real-time clash detection & coordination
- Smart Asset & Facility Management through BIM-based Digital Twins

TOP IN-DEMAND SERVICES

3D BIM Modeling & Revit Family Creation – Accurate & intelligent models for design & execution

4D BIM & Digital Scheduling – Time-based simulation & advanced construction planning

5D BIM & Cost Management – Accurate budget estimation & financial control

Digital Twin & Smart Asset Management – Real-time monitoring & predictive maintenance

Reality Capture & Laser Scan to BIM – AI-driven progress tracking with OpenSpace

BIM Coordination & Clash Detection – Seamless collaboration for error-free execution

Cloud-Based BIM Collaboration – Connected teams with real-time model updates

Unreal Engine & Twinmotion Visualization – High-quality real-time renderings & immersive VR experiences

OpenBIM Based Engineering Analysis

Acoustic Design, Fire Design & FDS, Sustainability Design



“ This is not the future—it is happening now! Nika BIM & Digital Construction pioneers this new era of fully digital project execution by integrating AI, automation, and BIM-based intelligence into every stage of construction. ”

- Cofounder of SAFENIKA

WHAT is Construction Digital Twin?

A Construction Digital Twin combines 3D BIM models with scheduling data to create real-time project simulations. This allows teams to visualize progress, predict challenges, and optimize workflows effectively.

With Unreal Engine & NVIDIA Omniverse, we provide high-quality interactive environments for better decision-making.

WHY Use Construction Digital Twin?

- Real-time project visualization using high-fidelity 3D environments.
- AI-driven risk and delay prediction to optimize schedules.
- Seamless cloud-based collaboration for teams and stakeholders.
- BIM & IoT integration for accurate site monitoring.
- VR & AR experiences to preview construction phases.

Bentley®



Our Construction Digital Twin Services

- **Unreal Engine & NVIDIA Omniverse Visualization**
Immersive 4D Simulations
- **AI & IoT-based Tracking**
Real-world Data in a Digital Environment
- **Digital 4D Advanced Simulation**
Advanced 4D Modeling
- **VR Walkthroughs & AR Presentations**
Interactive Project Reviews

From BIM to Reality The Essential Tools for Construction Digital Twin

Bentley®



CESIUM



NVIDIA

We are one of the fastest-growing digital project management BIM firms in the construction industry.

We have worked with many leading companies and completed numerous projects across multiple sectors. We pride ourselves on having a quick turnaround while providing cost-effective solutions.



STARTNERS



REFERENCES

EUROPEAN
INVESTMENT
BANK
PROJECT

BIM LADIN
GROUP
PROJECT

DIRIYAH
GYRATORY TUNNEL
DGII PROJECT

AL THUMAMA
STADIUM

IBB METRO
ISTANBUL
PROJECT

EMLAK
KONUT
PROJECT

NEOM
THE VAULT
PROJECT

SWEDEN
SODERTALJE
LOCK
PROJECT

ZİRAAT BANK
INTERNATIONAL
FINANCE CENTER
PROJECT

EUROPEAN INVESTMENT BANK ^{EIB} New Office PROJECT

CLIENT	Ballast Nedam International
LOCATION	Luxembourg
PROJECT GOALS	Preparing the 4D Level 3 Schedule Animation Service Tracking 4D Planning with Minor Scheduling Preparing the Method Statement 4D Simulation Service Monitoring 4D Planning Process Resource Based BIM Tracking System Service 5D Cost Estimation Service 5D Cost/Interim Payment App. Management Service Monthly



JEDDAH TOWER PROJECT

Iconic High-Rise
Mega Development

CLIENT

Jeddah Tower Development Team

LOCATION

Jeddah, Kingdom of Saudi Arabia

PROJECT GOALS

Preparing the 4D Level 3 Schedule Development and implementation of a scalable BIM-based digital project management system supported by structured training, consultancy, and long-term monitoring.

OUR SERVICES

- Development and delivery of a structured 4D-5D BIM training program for 70 professionals
- Preparation of project-specific digital workflows aligned with mega high-rise construction requirements
- Implementation of 4D BIM-integrated planning and cost control system
- Establishment of standardized reporting framework for schedule and financial performance
- Digital transformation consultancy during transition phase
- Monitoring and supervision of system adoption across project teams
- Continuous performance evaluation and methodology optimization



EMLAK KONUT PROJECT

CLIENT

Emlak Konut GYO

LOCATION

Istanbul, Türkiye

OUR SERVICES

LOD350 Architectural, Structural and MEP BIM Modeling and Coordination
Preparation of detailed shop drawings for construction implementation
Development of technical specifications and tender documentation
Preparation of quantity take-off and BOQ based on coordinated BIM models
Support for clash resolution and design optimization



DIRIYAH GYRATORY TUNNEL DGII PROJECT

CLIENT

Pini Group (Switzerland)

LOCATION

Diriyah, Saudi Arabia

OUR SERVICES

- LOD400 MEP BIM Modelling and Coordination
- Preparation of detailed shop drawings for construction implementation
- Development of technical specifications and tender documentation
- Preparation of quantity take-off and BOQ based on coordinated BIM models
- Support for MEP clash resolution and design optimization



NEOM THE VAULT PROJECT

CLIENT

Limak-Çimtaş-Metalyapı JV

LOCATION

NEOM

OUR SERVICES

4D/Visualise the Progress of Activities
Model-Based Scheduling Service
Preparing 4D Simulations for all Project Scenarios
High-quality Real-time Renderings & Immersive VR



SWEDEN SODERTALJE LOCK

One of Sweden's
Largest Port

PROJECT

CLIENT	Ballast Nedam International
EMPLOYER	Sweden The Saint Lucia Air and Sea Ports
LOCATION	Sweden
OUR SERVICES	Prepare 4D Visual Scheduling Synchronization Updated Oracle Primavera Prepare 4D BIM Method Statement Animation



IBB METRO ISTANBUL PROJECT

CLIENT

Istanbul Municipality Metro Istanbul A.Ş.

LOCATION

Istanbul

OUR SERVICES

End-to-End BIM ISO 19650 Process Management

Multidisciplinary BIM Coordination

Client Representation in Meetings

BIM Model Quality Assurance & Compliance

Structural LOD 300-350 Revit Modeling



AL THUMAMA STADIUM

Qatar National Football Planning
for the 2022 World Cup

CLIENT	Tekfen Engineering
CAPACITY	40.000m ²
LOCATION	Qatar
OUR SERVICES	LOD400 Architecture BIM Modelling & Coordination Shopdrawing



ZİRAAT BANK INTERNATIONAL FINANCE CENTER PROJECT

CLIENT

Kalyon Construction

CONSULTANT

Turner Construction

LOCATION

Istanbul, Türkiye

OUR SERVICES

LOD400 MEP BIM Modelling, Coordination

Shopdrawing

Technical Specification, Tender Documentations & BOQ



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www.safenika.com