тесн mahindra





PROVIDING SMART, EFFICIENT AND SUSTAINABLE DIGITAL SOLUTIONS FOR

CONSTRUCTION INDUSTRY



Abstract

The construction industry is moving from traditional methods to modern digital methods. The use of digital tools, such as "Building Information Modeling" (BIM), digital twin, autonomous equipment, and drones are allowing project teams to obtain accurate data quickly, streamline the design process, and reduce errors. Additionally, digital technologies are being used to monitor and manage site safety, materials and resources, improve communication and collaboration, and track project progress in real-time. At Tech Mahindra, we have been providing the latest digital solutions across various areas across the construction value chain.

Digital transformation is essential for construction firms to stay competitive, as it helps them improve efficiency, increase productivity, and reduce costs. This can be seen as a modern-day solution that helps construction companies streamline processes, improve communication between stakeholders, and provide better insights into projects and data.

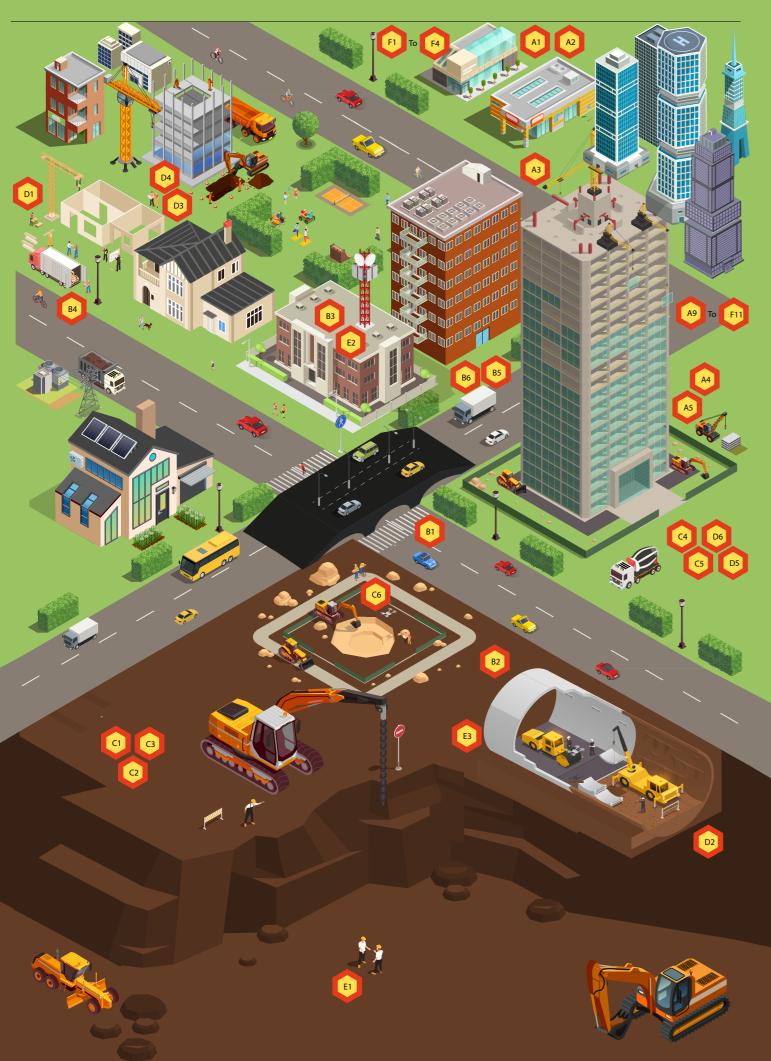
Introduction

The major challenges that the construction industry face today are project delays, cost overruns, safety hazards, and lack of collaboration and communication. These are what drive companies to adapt digital technologies.

A majority of the construction firms believe that adopting digital technologies is the only way to survive in the business for longer run. Investing in digital technologies increases focus on cost and time savings, sustainability goals, and safety standards.

Tech Mahindra provides several innovative and tailored digital solutions that addresses areas like:





OUR OFFERINGS INCLUDE:

	Α	В	С	D	E	F
	Construction	Build & operate	Industry 4.0	Sustainability & Safety	Connectivity	Experience
1	E-Governance Permit System	Planning & Scheduling	Advanced Analytics (construction 4.0)	Construction Safety	Connected Workers	Metaverse
2	Planning, Procurement & Maintenance System	Data Management	Asset Management / Digital Twin	Responsible Supply Chain	Networks (5G, LTE, WAN, LAN, Private Networks)	AR/VR/MR Platform Solution
З	Construction Infrastructure Management	Cyber Security	Autonomous Vehicle	Design Assessment & Reporting	Connected Construction Sites	User Experienc
4	Building Information Management (BIM)	Supply Chain Management	Platforms	Sustainable Resource Management		Commerce, Content
5	Design and Development Control	Managed Services	Blockchain	i-sustain Platform		
6		Business Process Solution	Drone Based Solution	Green IT & Data Centre		
7	Cloud Services					
8	As-a-Service Model					
9	Consulting Services					





Benefits

Each of our digital solution comes with its own benefits based upon its implementation and has been categorized as following



Construction

- Up to 80 % saving for permits.
- Provides automated workflow and alerts.
- Improved compliances and accountability



Build & Operate

- Improve operation efficiency
- Better supply chain visibility
- Increased data management



Industry 4.0

- Optimize operation.
- Bring agility and flexibility
- Improves integration and collaboration

The NXT.NOW[™] Advantage

As part of our "3-4-3" organizational strategy, Tech Mahindra has demonstrated its capabilities in digital technologies in the construction space.

Our new age delivery approach helps in software transformation, cloud solutions, Artificial Intelligence (AI), and building connected systems. TechM's 3-4-3 strategy encompasses three major trends, the four big bets we have made, and our three important objectives as we call it NXT.NOW™.

3 Mega Trends	4 Big Bet
Efficient- Resilient- Distributed	Smart F
operations	Factory
Sustainable product - production	Mobility
Zero accident & Safety-Security	Servicifi

We are striving to be the digital transformation partner that brings together the three most important trends of the construction industry. With NXT.NOW™, we aim to enhance customer experience, build an IoT-connected world, pursue software transformation, and build tomorrow's networks to support this strategy today.

Sustainability and safety

- Improves resource utilization
- Enhance EHS compliance
- Minimum accidents and . improve safety



Connectivity

- End to End integration visibility
- Up to 10% cost saving
- Better material utilization



Experience

- Better user experience
- Increase customer satisfaction.
- Up to 30% time saving







Brand Finance⊗ Awards TOP 10 STRONGEST IT SERVICES BRAND



TECH malhindra f y in @

www.youtube.com/user/techmahindraO9 www.facebook.com/techmahindra www.twitter.com/tech_mahindra www.linkedin.com/company/tech-mahindra www.techmahindra.com top.marketing@techmahindra.com

Copyright © Tech Mahindra 2023. All Rights Reserved. Disclaimer. Brand names, logos and trademarks used herein remain the property of their respective owners.