

## Construction 360: Panaromic Solutioning

Mindtree's extensive experience in hyperscaler technologies and NxT IoT product suites, in Collaboration with Salesforce, makes a perfect ecosystem to deliver a comprehensive platform – "Construction360", to help global Construction Organization mitigate challenges across their value chain.



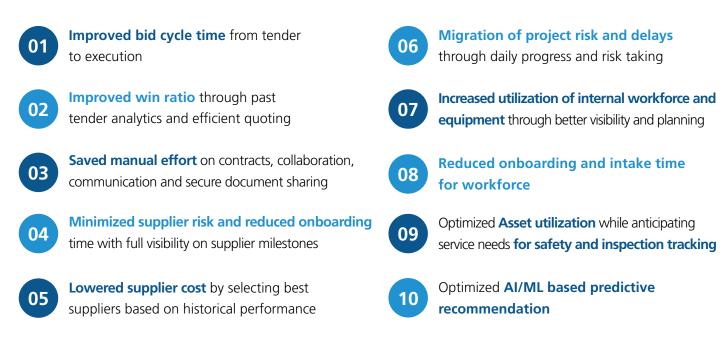


Construction is the largest industry with \$13.6 trillion revenues but ironically, has historically lowest technology spend among major sectors. The wave of digitization and Industry 4.0 has initiated transformation of sectorial landscape but still there is still tremendous ground to cover.

### **Challenges faced by construction majors**

- No dedicated solution for tenders and bid risk analytics
- Siloed information and dependence on physical documentation
- Cross-function stakeholder communication
- Process bottlenecks in inventory sourcing and end-to-end execution
- Project delays due to inefficient resource mobilization
- Prevalence of point solutions in siloes preventing holistic technology adoption

### The Construction 360 solution holistic operational benefits across construction value chain





# Construction 360 Functionality has dedicated modules across value chain

Construction 360 is SaaS offering with end-to-end capability that leverages product modules from Salesforce for bid management and client outreach while from Mindtree NXT suite for project management and resource mobilization. This creates the best in class integrated platform with all functionalities under one umbrella.

|               | MANAGE<br>OPPORTUNITIES & SELECT<br>THE RIGHT WORK  | NURTURE<br>OPPORTUNITIES &<br>RELATIONSHIPS   | CHOOSE THE BEST<br>SUPPLIERS  | COLLABORATE IN TENDER<br>PRODUCTION  |
|---------------|---|---|---|--|
| Functionality | <ul> <li>Bid price estimation</li> <li>Tender management</li> <li>Historical bid analysis<br/>for strength and<br/>weakness</li> <li>Site investigation reports</li> <li>Recommendation<br/>engine</li> </ul> | <ul> <li>Client experience<br/>enhancement</li> <li>Approval workflows</li> <li>Account management</li> <li>Social media<br/>interaction monitoring</li> </ul>                                    | <ul> <li>Integrated B2B<br/>marketplace</li> <li>Sub-contractor resource<br/>allocation</li> <li>Third party<br/>performance dashboard</li> <li>Inventory management</li> <li>Supply chain planning</li> </ul>              | <ul> <li>Automated template creation</li> <li>Invitation for tenders and order form changes</li> <li>Manage third party bid submission</li> <li>Digital contract sign-off</li> </ul> |
| Benefits      | <ul> <li>Improve bid cycle</li> <li>Increase win ratio</li> <li>Improve estimation<br/>accuracy</li> <li>Save manual effort</li> </ul>  | <ul> <li>Reduce owning cost of delays</li> <li>Enable long term<br/>relationships</li> <li>Reduction in manual effort<br/>for information</li> <li>Optimize time for<br/>communication</li> </ul> | <ul> <li>Better visibility of<br/>available inventory</li> <li>Historical insight for<br/>vendor credibility</li> <li>Reduced turnaround<br/>time with bigger vendor<br/>pool and customization</li> </ul>                  | <ul> <li>Reduced cycle time</li> <li>Reduce manual effort<br/>with automation</li> <li>Bid revision management</li> <li>Transparency and<br/>oversight</li> </ul>                    |
|               |   |   |   |  |
|               | BOOST SUSTAINABILITY  | OPTIMIZE ASSET<br>OPERATIONS  | CONTROL PROJECT<br>EXECUTION & MITIGATE<br>RISKS  | MOBILIZE OPTIMAL<br>TEAM & BOOST<br>EMPLOYEE EXPERIENCE  |
| Functionality | <ul> <li>Energy and fuel<br/>efficiency management</li> <li>Carbon credit<br/>accounting</li> <li>ESG framework support</li> <li>6D BIM support</li> </ul>  | <ul> <li>Recommendation to optimize utilization</li> <li>Integration with third party systems- Asset NXT etc</li> <li>Incident and safety protocols</li> </ul>                                    | <ul> <li>BIM Models</li> <li>Project 360 for planning,<br/>tracking and execution</li> <li>Reactive and predictive<br/>risk recommendation</li> <li>Quality management<br/>systems</li> <li>Payment digitization</li> </ul> | <ul> <li>Employee safety</li> <li>Capacity planning</li> <li>Expertise based<br/>resource allocation</li> <li>Utilization and<br/>attendance tracking</li> </ul>                     |
| Benefits      | <ul> <li>Cost rationalization and savings</li> <li>Leverage green energy incentives basis regulations</li> <li>CSR target fulfilment</li> </ul>   | <ul> <li>30%+ increase in<br/>utilization</li> <li>20-40% improvement in<br/>productivity</li> <li>Right sizing of equipment</li> <li>Reduction in fuel<br/>consumption</li> </ul>                | <ul> <li>Faster, cheaper &amp; data<br/>backed selection</li> <li>Increased utilization of<br/>owned assets</li> <li>Optimal staffing of employees</li> <li>Contingency for time &amp;<br/>cost over runs</li> </ul>        | <ul> <li>Reducing manual effort to collate data</li> <li>Minimize man-hour wastage</li> <li>Transparency across stakeholders</li> <li>Minimize Schedule Delays</li> </ul>            |



### Success stories with major global construction firms



#### **About LTIMindtree**

LTIMindtree is a global technology consulting and digital solutions company that enables enterprises across industries to reimagine business models, accelerate innovation, and maximize growth by harnessing digital technologies. As a digital transformation partner to more than 700+ clients, LTIMindtree brings extensive domain and technology expertise to help drive superior competitive differentiation, customer experiences, and business outcomes in a converging world. Powered by nearly 90,000 talented and entrepreneurial professionals across more than 30 countries, LTIMindtree — a Larsen & Toubro Group company — combines the industry-acclaimed strengths of erstwhile Larsen and Toubro Infotech and Mindtree in solving the most complex business challenges and delivering transformation at scale. For more information, please visit www.ltimindtree.com.