



Engineering, Construction & Operations

Enabling your Business Transformation with Digital Technology

SAP & LTIMindtree join in a global partnership to support the UK Construction Industry

Industry Challenges and Opportunities

In 2017, the construction sector contributed £113 billion to the UK economy, 6% of total economic output and provided the sector with 2.4 million jobs, 7% of UK total. Clearly, this is a vital sector for UK economy and an attractive sector for businesses.

Historically, the construction sector has relied on human labor-oriented structures. A key challenge now is that the industry is struggling to attract young talents, and renovate an ageing workforce, especially considering the challenges that the uncertainty of the Brexit poses .

Many companies struggle to deliver projects on time and on budget. Projects are continuing to increase in complexity as there is mounting pressure to design and construct in more efficient and sustainable ways.

This being said, there has never been a better time to adopt technology to improve performances. The time is now to explore new technologies to secure project completion on time, on budget and on quality, reduce the environmental impact and improve workers safety.

SAP and LTIMindtree have decided to partner because the combination of great technology and industry expertise is the perfect enabler to make the breakaway enterprises to achieve the objectives of the "Construction 2025" vision set by UK Government in 2013.

People

A UK industry that attracts and retains a diverse group of multi-talented people, operating under considerably safer and healthier conditions, that will become a sector of choice for young people inspiring them into rewarding professional and vocational careers.

Smart

A UK industry that leads the world in research and innovation, transformed by digital design, advanced materials and new technologies, fully embracing the transition to a digital economy and the rise of smart construction.

Sustainable

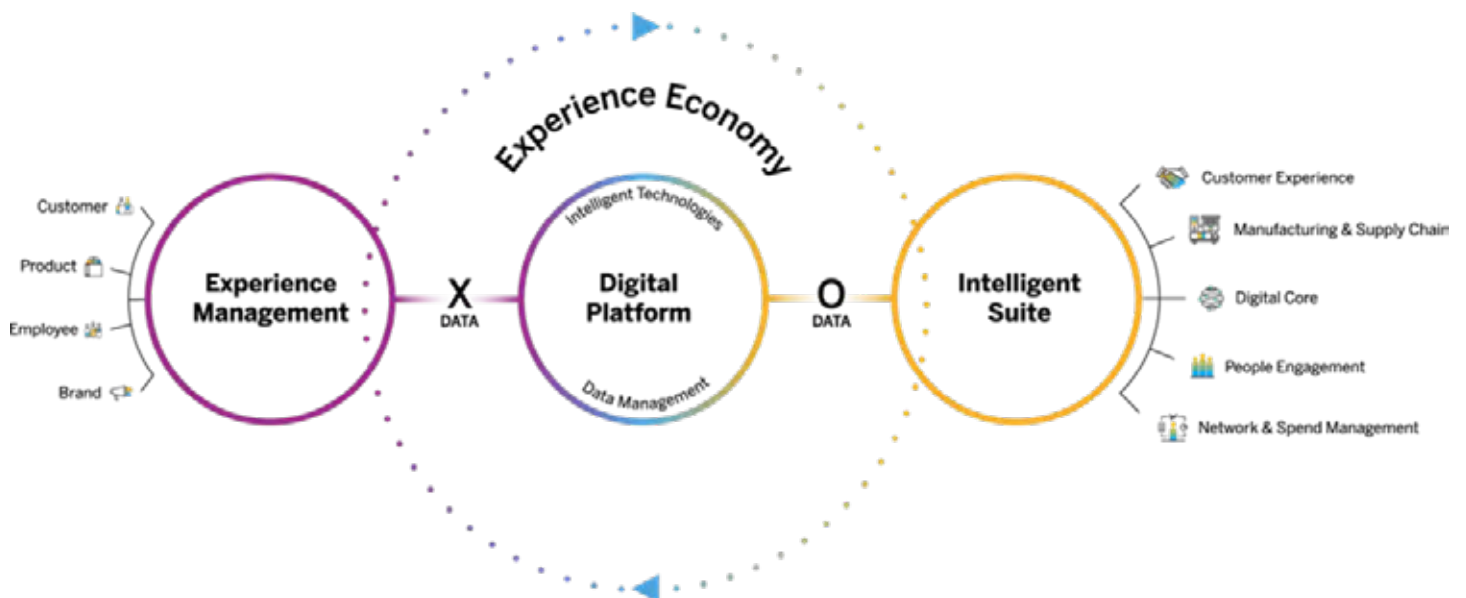
A UK industry that has become dramatically more sustainable through its efficient approach to delivering low carbon assets more quickly and at a lower cost, underpinned by strong, integrated supply chains and productive long term relationships.

Growth

An industry that drives and sustains growth across the entire economy by designing, manufacturing, building and maintaining assets which deliver genuine whole life value for customers in expanding markets both at home and abroad.

SAP's Offer for Construction Company's

SAP's strategy is to be The Experience Company powered by the Intelligent Enterprise. Thanks to the Intelligent Suite, construction companies can leverage embedded digital technologies such as Artificial Intelligence, IoT and BIM to consolidate the huge amounts of structured and unstructured data generated in the built environment. Then, they can make the relevant data available for use in operations and maintenance, enabling vertical and horizontal integration within the industry accessing operational data in real time and driving new business models. The construction specific elements of the Intelligent Suite are shown below.



Digitalization of Expertise and Knowledge

SAP People Engagement solutions powered by Intelligent technologies enable organizations to leverage best practices and employ technology savvy workers at the point of need through artificial intelligence and visual work instructions.

Connected Construction

SAP Digital Core provides the required capabilities to enable 'construction-manufacturing site' with real-time feedback for optimization of resources and equipment to achieve productivity gains seen in other industries.

Digitalization of Inter-company Collaboration

SAP Project Intelligent Network offers model based collaboration, based on BIM standards, to connect the project teams and the entire supply chain.

Digitalization of Commissioning & Handover

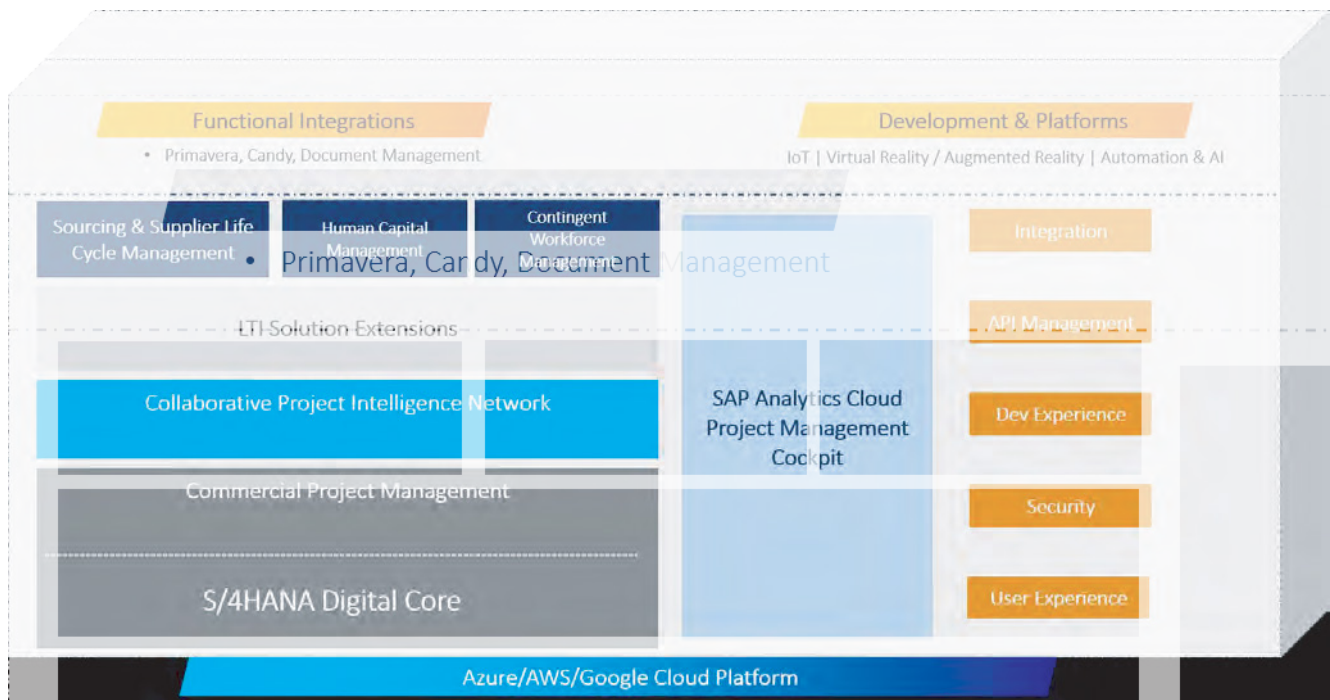
SAP digital twin, enables seamless transition from the built environment to operations with automated transfer of data and equipment information to reduce manual effort and increase asset utilization.

LTIMindtree's Commitment to De-risk your Transformation Programme

Larsen & Toubro Infotech (LTIMindtree) is the technology arm and fully owned subsidiary of Larsen & Toubro (L&T) Group, an 80 year old, \$19 Billion, Engineering & Construction Conglomerate. For over 20 years, LTIMindtree has implemented SAP & integrated solutions for various global corporations, including its parent company, L&T group.

Based on this rich industry heritage, LTIMindtree has developed its Construction-in-a-box Industry Template leveraging SAP SAP Intelligent Suite and SAP Digital Platform. LTIMindtree can tailor this solution to meet the unique business requirements of Break-away construction enterprises. LTIMindtree will put skin-in-the-game and reduce the inherent risks associated with Business Transformation Programmes, through time-bound, fixed price, best-practices based implementation proposals.

"Construction-in-a-box" combining Domain Experience with Technology



"Together with SAP, LTIMindtree has created its Digital Engineering & Construction Solution for Engineering, Construction and Operations (EC&O) companies. This solution leverages SAP's technology to reduce complexities & minimize risks in execution of Construction projects."

- Balasubramanian V - Vice President – ERP Services, **Larsen & Toubro Infotech (LTIMindtree) - Europe**

Connect with us and start your Transformation Journey

SAP has the right technology to accompany the transformation of the UK construction sector. LTIMindtree's industry expertise will enable construction companies to minimize the risks and maximize the value of your investment in IT assets, to accomplish your own business transformation. If you want to know more about how to de-risk the adoption of technology to transform your business please contact the two experts below.

Whom to speak to:

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Where to go for more information:



Access more information on the SAP solutions for the Construction Industry here



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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 84,000+ 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 <https://www.ltimindtree.com/>

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