

Asset Management Solutions

Ensuring Improved Performance, Integrity, Safety, Reliability of Your Assets



Asset Integrity Solutions | Corrosion Management | Asset Performance Management |
Smart Asset Management

Larsen & Toubro Limited (L&T) is a USD 18 billion technology, engineering, construction, projects, manufacturing and financial services conglomerate catering to critical needs in key sectors including infrastructure, construction, hydrocarbon, defence and power.

L&T Hydrocarbon Engineering Limited (LTHE), a wholly-owned subsidiary, delivers world-class 'design-to-build' engineering and construction solutions for large, complex, offshore and onshore hydrocarbon projects, including pipelines worldwide.

Our Advanced Value Engineering & Technology business- AdVENT, a Vertical of L&T Hydrocarbon Engineering, offers customer-centric solutions for the entire Hydrocarbon and Emerging Energy Sector value chain. AdVENT's technical capabilities and agility enable it to offer tailored solutions through appropriate business models, meeting specific needs of customers in the changing energy sector.

As the ageing of your plant and facilities increases with each passing year, the importance of Asset Management increases exponentially. The repercussions of not having a comprehensive asset management program in place can have a multifold impact beyond the production or financial loss.

AdVENT offers complete range of Asset Management Solutions to ensure and improve the Performance, Safety, Reliability, Availability and Remaining Life of your critical plant assets.

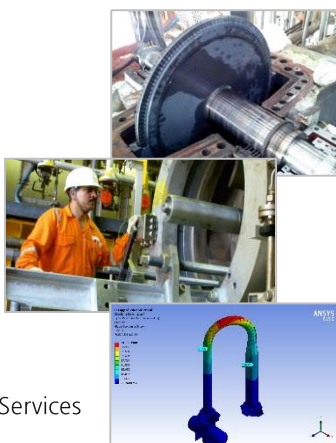
The solutions focus on payback against investments in implementing such Asset Management programs, by avoiding unplanned outages and catastrophic failures.



Our multidisciplinary approach, extensive EPC project execution experience and long-term relationship with all major process licensors enable us to deliver our solutions right at first time.

Key Offerings

- Asset Integrity & Life Extension Studies
- Corrosion Management
- Risk Based Inspection (RBI) Studies
- Fitness for Service (FFS) Studies
- Reliability and Safety Studies
- Smart Asset Management
- Energy Optimization
- Troubleshooting and Debottlenecking
- Specialised Engineering Studies (FEA / CFD)
- Turnkey Refractory Solutions
- Turnkey Cathodic Protection Solutions
- Modification, Revamp and Upgrade (MRU) Services
- Shutdown & Turnaround Management



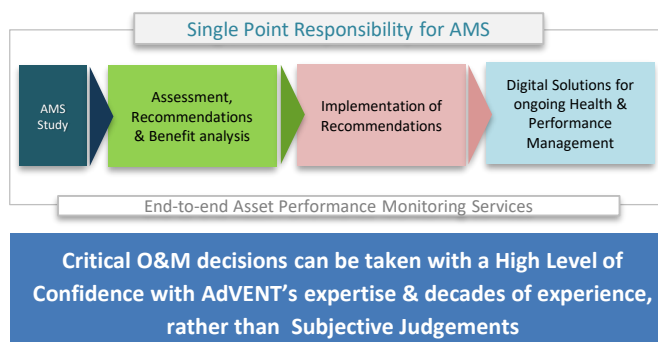
A wholly owned subsidiary of Larsen & Toubro Limited

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Our involvement and ownership extend beyond the initial studies and cover Single Point Responsibility till implementation of recommended solutions, thereby enhancing the value for clients.

We work closely with clients to identify areas in the plant for development and implementation of appropriate digital solutions for real-time remote-monitoring of health and performance of critical assets by leveraging the power of technology and LTHE's domain knowledge.

Such smart enablement using Internet of Things (IoT) and predictive & prescriptive analytics for intelligent recommendations enhance plant availability and reduce unscheduled downtime for meeting production targets and maintenance budgets.