



## Introduction

At L&T Infotech, we understand the necessity of industry leaders to adopt new technologies & methodologies. Our Hydrocarbon heritage aptly us to improve efficiencies through automation & control systems across the entire Oil & Gas value chain.

A rich heritage in <b>Oil &amp; Gas</b>	<b>\$ 5Bn</b> from Oil & Gas	<b>3 decades</b> Hydrocarbon Experience	<b>150+</b> O&G Clients & Suppliers	<b>3000+</b> Engineers and SMEs
<b>400+</b> Hydrocarbon Domain Experts	<b>200+</b> Control and Automation Engineers	<b>5</b> Hydrocarbon Engineering Centres	<b>40+</b> 360o Relationships with Global Hydrocarbon Companies	<b>2</b> Dedicated COEs for Capital Project Management

Powerful real-time advanced analytics and decision support capabilities enable us to deliver solutions, which help increase facility uptime, decrease cost, and optimize production, for several of our clients globally.

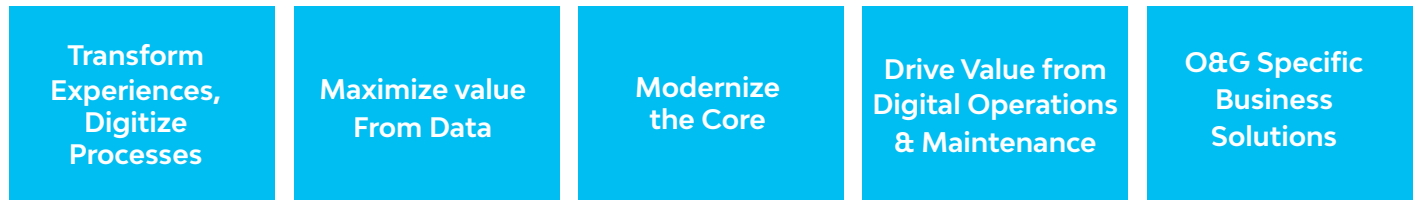
## O&G Expertise

<b>LTI Oil &amp; Gas Practice Snapshot</b>	<b>20+</b> Yrs. of Practice and Domain Expertise	<b>30+</b> O&G / OFS Clients	<b>200+</b> Engagements	<b>25+</b> Engineering IP's developed
	<b>20+</b> Yrs. Upstream Engineering Experience	<b>400+</b> Hydrocarbon Domain Experts	<b>1400+</b> Upstream Professionals	<b>2200</b> Petro-tech & Non Petro-tech Apps Supported



Let's Solve

## Digital O&G



- **Digital, Industrial IoT, Mobility and Manufacturing Execution System**
- **ERP Implementation, Consolidation, Migration and Rollout & Global Support**
- **Information Management / IT For Major Capital Projects (MCPs)**
- **IMS - Datacenter Services, Application Opn, N/W Security, End User Computing, EMS, Hosting & Cloud**

## Our Domain Solutions

Exploration	Development	Production
<ul style="list-style-type: none"> <li>• End to End platform support</li> <li>• Upstream Applications Integration</li> <li>• Seismic &amp; Well data services</li> <li>• Ocean Plug-in Development</li> </ul>	<ul style="list-style-type: none"> <li>• Drilling Analytics</li> <li>• Field Services Optimization</li> <li>• Project Information Management</li> <li>• Capital Projects execution</li> </ul>	<ul style="list-style-type: none"> <li>• Operation Information Center for Oilfields</li> <li>• Production Optimization &amp; Reliability</li> <li>• Well Optimization &amp; Reservoir Modeling</li> <li>• Asset Performance   Field Force Automation</li> </ul>

Refining Operations	Downstream Supply Chain
<ul style="list-style-type: none"> <li>• Digital Refinery</li> <li>• Business Process Consulting &amp; Product Evaluation</li> <li>• Refinery MES Systems</li> <li>• Operational Excellence &amp; Reporting Application (OPERA)</li> <li>• Information Risk Management &amp; Industrial Security for Refineries</li> </ul>	<ul style="list-style-type: none"> <li>• Integrated Downstream Supply Chain Management (InDoSuM)</li> <li>• Terminal Automation &amp; Management Solutions</li> <li>• Planning, Scheduling and SCM</li> <li>• Pipeline Integrity Solutions</li> <li>• Energy Trading and Risk Management</li> <li>• Field Services mobility solutions</li> </ul>

Marketing & Retail	Asset Management
<ul style="list-style-type: none"> <li>• Integrated Oil &amp; Gas Distribution Solutions</li> <li>• ERP for Fuel Retail Back-end Supply Chain</li> <li>• Service Management Solutions for Retail</li> <li>• Pricing Analytics</li> <li>• Smart Retail Analytics</li> </ul>	<ul style="list-style-type: none"> <li>• Reliability &amp; Assest Management</li> <li>• Predictive Maintenance</li> <li>• eWork Permit Systems</li> <li>• Equipment Failure Early warning System (PRIME Plant)</li> <li>• Content Management &amp; Collaboration</li> <li>• Information &amp; Document Management</li> </ul>

## Thought Partnership

Domain Consulting	Oil & Gas CoE	Industry Partnership
<ul style="list-style-type: none"> <li>• Deep domain Knowledge in OT+ IT convergence and in the emeging digital paradigm.</li> </ul>	<ul style="list-style-type: none"> <li>• Oil &amp; Gas CoE model to evaluate technologies before implementing them at client sites.</li> </ul>	<ul style="list-style-type: none"> <li>• Technology &amp; Academia Partnerships with major Oil &amp; Gas Companies for broader market reach &amp; bridging the technology gap</li> </ul>

Innovation	Digital
<ul style="list-style-type: none"> <li>• Adopting emeging technologies across business funtions like Cloud, Digital, Big Data, Mobility, Analytics &amp; Internet of Things.</li> </ul>	<ul style="list-style-type: none"> <li>• Field Service Automation</li> <li>• IIOT-led Predictive maintenance</li> <li>• Remote monitoring of wireless sensors with alerts</li> </ul>

## Differentiators

- 30 Transformational Solution Frameworks, mapping 1700+ business processes and reusable components across Upstream, Downstream & Retail.
- Technology- agnostic platform architecture and artifacts for digital Oil Fields, including Production Optimization, Well Integrity and Operations Information Centers.
- Experience of 6 Digital Oil Field solution implementations across major international Oil & Gas companies.
- Consolidation of ERP landscape of global oil major across multiple countries & sites.

## Partnerships

### Domain Partnership



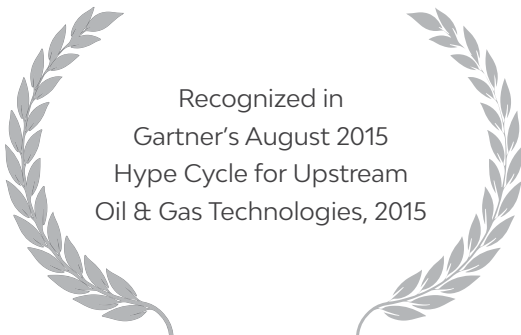
### Academic Partnerships



**Technology, Platforms & Automation Partnerships**



**Awards & Accolades**



## Our Domain Solutions

### • Exploration

End to End Platform Support  
Upstream Applications Integration  
Seismic & Well Data Services  
Ocean Plug-in Development

### • Development

End to End Platform Support  
Upstream Applications Integration  
Seismic & Well Data Services  
Ocean Plug-in Development

### • Production

Operation Information Center  
Production Optimization  
Reservoir Modeling  
Asset Performance |  
Field Force Automation

### • Midstream

Pipeline Integrity Solutions  
Planning, Scheduling and SCM  
Field Services mobility  
Integrated Distribution Solutions

### • Downstream

Digital Refinery | eWork Permit Systems  
Integrated Downstream SCM  
Operational Excellence & Reporting  
Service Management & Retail Analytics



# LTI

## Let's Solve

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LTI (NSE: LTI, BSE: 540005) is a global technology consulting and digital solutions Company helping more than 300 clients succeed in a converging world. With operations in 30 countries, we go the extra mile for our clients and accelerate their digital transformation with LTI's Mosaic platform enabling their mobile, social, analytics, IoT and cloud journeys. Founded in 1997 as a subsidiary of Larsen & Toubro Limited, our unique heritage gives us unrivaled real-world expertise to solve the most complex challenges of enterprises across all industries. Each day, our team of more than 26,000 LTItes enable our clients to improve the effectiveness of their business and technology operations, and deliver value to their customers, employees and shareholders. Find more at [www.Ltinfotech.com](http://www.Ltinfotech.com) or follow us at [@LTI\\_Global](https://twitter.com/LTI_Global)