



EnergyPath: Accelerating the SAP journey

Unprecedented levels of disruption and volatility within the oil and gas industry have significantly impacted profitability and put pressure on their licenses to operate. Unlike in decades past, players in the market are pursuing different strategies to address the issues and accelerating implementations due to the urgent drive for energy transition.

Instead of an industry largely aligned in terms of vision and strategy, there is a shift across the players. It is expected that a massive divergence in strategy over the next five years could see very different entities emerge, as traditional players transform and adapt.

As oil and gas companies navigate through turbulent times, they need to address lessening consumption, continuing price volatility, and pressure to reduce emissions. Companies that will emerge from the downturn will have rapidly reduced costs and invested effectively in energy-transition capabilities.

How Intelligent PATH aims to address challenges

EnergyPath is Capgemini's accelerator to enable customers to kickstart their SAP Intelligent Enterprise journey. SAP S/4HANA® enables oil and gas companies to streamline operations, providing greater visibility and control of core business processes. It can be deployed to provide innovation, acceleration, and enhanced capability maturity and value for companies at any stage of development.

It is the best choice and a proven one for companies that want to adopt industry-leading practices for standardization, simplification, and scalability of business operations. EnergyPath helps companies embarking on a greenfield SAP journey, as it can serve as the foundational system upon which the extended value chain can be built. It can also be used for companies with existing SAP implementations



(brownfield) that are looking to expand their business-process footprint, or to enhance existing processes by focusing on the latest leading industry and SAP practices.

Solution overview

EnergyPath is our SAP-qualified partner-packaged SAP S/4HANA solution which contains Capgemini accelerators, industry best practices, and SAP Best Practices for LNG, OFS, EPC, and drilling companies. Deploying the package is as consistent and predictable as plugging in an appliance. It can be quickly provisioned both on-premises or in the cloud.

Our clients typically accept more than 80 percent of the EnergyPath configurations right out-of-the-box and doing so saves time and money and reduces risk.

Created for openness, extensibility, and connectivity, EnergyPath assists your team to make savvy use of cloud architecture, APIs, and microservices to future proof your solution. EnergyPath has new business models you can adopt as your company changes.

Key components included in EnergyPath are:

- Robust integrated finance across operations, including general ledger accounts applicable for midstream, oil field services, and LNG companies
- Project both intercompany settlement and cash-flow reporting to fulfil complex cost-sharing agreements between companies, partners, and investors
- Procurement and inventory management with supplier, quality, batch, and serial-number traceability
- Order management for frictionless customer processing
- Production processes with quality-management processes
- Maintain-to-settle for corrective and emergency maintenance, refurbishment, capital order, preventive and condition-based

- maintenance, asset equipment integration, and functional location
- Service-management and warranty processing, period-end closing service orders, time- and material-based billing, service with fixed-priced billing, and easy depot repair and field repair
- Robust warehouse-management capabilities
- Intelligent Robotic Process Automation across Finance To Manage, Order To Cash, Demand To Supply, etc.
- Real-time KPIs like Asset Utilization, Profitability, and Cash Flow
- Intelligent Robotic Process Automation for Worker Safety, Intelligent Paint Shop, Digital Control Room for Smart Asset Monitoring, Connected Manufacturing Solution, Visual Inspection for Quality, etc.
- Transportation tracking capabilities included in our Global Logistics Procurement block chain.

Intelligent PATH to Renewable Enterprise

Moving from traditional SAP architectures to SAP S/4HANA is more than an upgrade. It means creating a new Digital Core – a next-generation platform that’s simple and comprehensive and will evolve with your growing needs. It enables you to become a Renewable Enterprise. These are agile companies with SAP S/4HANA at the core which anticipate market conditions and customer needs and continuously transform.

We manage the technology in layers called the Digital Core and the Intelligent Enterprise. The Digital Core

For more details, contact:

Dalbir Sidhu
Principal
dalbir.sidhu@capgemini.com

Gautam Ramdas
Principal
gautam.ramdas@capgemini.com

is the foundational layer that runs the company, and we help you keep it clean and simple. The Intelligent Enterprise is the innovation layer, and we use technologies like the Internet of Things (IoT), artificial intelligence (AI), machine learning, blockchain, and Robotic Process Automation (RPA) to transform your business for the future.

Why Capgemini?

EnergyPath is a ready-made solution that allows oil and gas companies to get a running start with an SAP implementation. Capgemini has a rich history of successful collaboration with SAP and leading companies across the oil and gas industry, making it the best choice. We look forward to being part of our clients’ success stories.

Capgemini and SAP

Capgemini has been a leading SAP Global Integration Partner since 1993, helping our clients navigate the most complex SAP transformations in the world. Capgemini is one of the largest SAP systems integrators, with approximately 22,000 practitioners and more than 1,300 clients worldwide.

About Capgemini

Capgemini is a global leader in partnering with companies to transform and manage their business by harnessing the power of technology. The Group is guided everyday by its purpose of unleashing human energy through technology for an inclusive and sustainable future. It is a responsible and diverse organization of 270,000 team members in nearly 50 countries. With its strong 50 year heritage and deep industry expertise, Capgemini is trusted by its clients to address the entire breadth of their business needs, from strategy and design to operations, fueled by the fast evolving and innovative world of cloud, data, AI, connectivity, software, digital engineering and platforms. The Group reported in 2020 global revenues of \$19.3 billion.

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