

OIL AND GAS

Unlock Endless Possibilities

Enabling a resilient and modern organization for the journey ahead



Oil and gas

The oil and gas industry faces growing pressure to deliver cleaner, more sustainable energy while reducing costs in a volatile market with rising demand and regulatory challenges. To stay competitive, companies are turning to technical innovation and digital solutions to enhance operations, improve safety, and minimize environmental impact.

Key imperatives for the oil and gas industry

- 1 Deploy new technologies to enhance business performance.
- 2 Effectively manage regulatory and environmental data.
- 3 Improve supply chain efficiency to offset inflation and exigent costs.
- 4 Strengthen research and development, including on renewable energy.

Forces shaping the oil and gas industry

INDUSTRY CHALLENGES

Geopolitical impacts

A volatile supply chain, price swings, and higher risks created by the impacts of global geopolitics.

Environmental and regulatory dynamics

A growing emphasis on sustainability and decarbonization from suppliers, employees, communities, and regulators.

Workforce

The need to keep workers safe and to comply with regulations.
The need to attract and retain talent.

Cost pressures

Increased cost pressures that have been offset by higher oil and gas prices.

Supply chain, data, and systems efficiency

A lack of business agility and stifled innovation from siloed operating models limit expansion into new service lines.

VISION OF SUCCESS

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1: Create the next generation of energy

The global shift to electric and renewable energy means that oil and gas suppliers must deliver on today's needs while planning for tomorrow's. This requires new products and services aligned to changing consumer preferences and energy regulations.

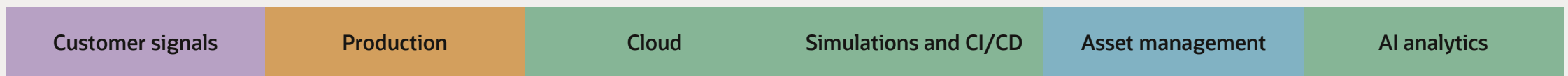
Recommended actions

- Understand customer demand to find the right balance.
- Implement smarter ways of planning and manufacturing within your organization.
- Test and innovate.

How to get started

- Understand demand and regulatory changes by region.
- Identify data sources for accurate profitability analysis.
- Determine the right KPIs to measure investments and outcomes.

Oracle capabilities enabling strategic goals



2: Achieve sustainability excellence

Efficiently track sustainability KPIs via execution systems, create stakeholder reports, satisfy auditing agencies, and quickly respond to issues.

Recommended actions

- Improve the level of sustainability information and accuracy you capture from suppliers.
- Implement measurement and reporting systems for tracking ESG metrics.
- Achieve the sustainability goals that you set out for your business

How to get started

- Determine your key ESG goals and regulations.
- Understand what matters to your customers.
- Identify data you have and any data gaps to understanding your true sustainability picture.

Oracle capabilities enabling strategic goals



3: Build a great workforce and keep them safe

Protect systems from threats. Keep up with changing regulatory and sustainability needs. Help ensure worker safety and immediately respond to any issues.

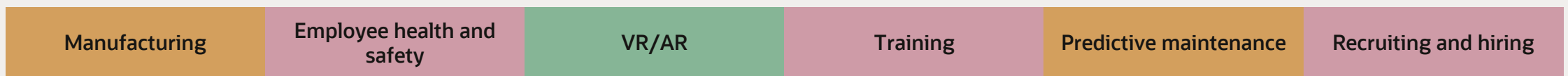
Recommended actions

- Leverage secure cloud technology for always-current compliance and threat protection.
- Implement modern employee health and safety systems to help keep workers safe.
- Track and measure adherence to changing compliance needs.
- Improve the way you attract, train, and retain workers.

How to get started

- Understand key regulatory and compliance requirements for consumers and workers.
- Learn about modern technologies that can improve worker safety, such as sensors and VR/AR.
- Plan a cloud modernization for aging systems that expose security risks.
- Analyze key workforce challenges you face today.

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4: Evolve profitably

Refine processes to deliver greater profitability. Focus on efficient operations and advanced analytics that show where you're making and losing money. Optimize profits throughout the fuel production lifecycle.

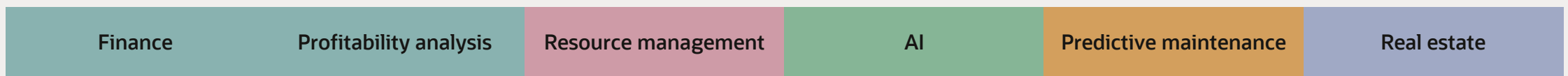
Recommended actions

- Invest in modernizing your technology stack with a real-time, connected cloud.
- Get granular about profit margins and business results.
- Manage your people to think differently about the holistic costs of running the business—and give them tools for actionable insights.

How to get started

- Analyze financial and operational data.
- Use predictive analytics to help improve profitability and forecasting.
- Gather key pieces of data that show real profitability—spanning procurement, human resources, travel, supplies, and more.
- Learn how AI can drive efficiency and optimization.

Oracle capabilities enabling strategic goals



5: Improve supply chain efficiency

Have accurate and timely visibility into your supply chain, use machine learning to generate new plans in response to supply chain disruptions, compare alternate scenario responses, and rapidly communicate new expectations.

Recommended actions

- Learn how blockchain can benefit your supply chain.
- Build a supplier network with redundancy and resiliency.
- Improve the accuracy of profitability analysis by collating all relevant data sources.

How to get started

- Analyze your supplier network and supplier data.
- Set up sustainability measurements that matter.
- Explore new ways of predictive analytics and forecasting to get ahead of disruptions to supply and price.

Oracle capabilities enabling strategic goals



Internal questions to get going

Workforce

Is our workforce taking advantage of technology such as AI, automation, drones, and digital twins?

Do we have issues with an aging workforce and workforce skilling?

How strong is our track record for employee health and safety?

Business model shift

Are we keeping up with new energy sources and trends in our industry?

Have we determined the optimal way to sell, service, price, and bill in the new economy?

Are we investing in the right areas?

Finance and assets

What kind of analytics and insights do we need?

Are we able to track assets and do predictive maintenance?

Is our profitability analysis holistic and accurate?

Supply chain

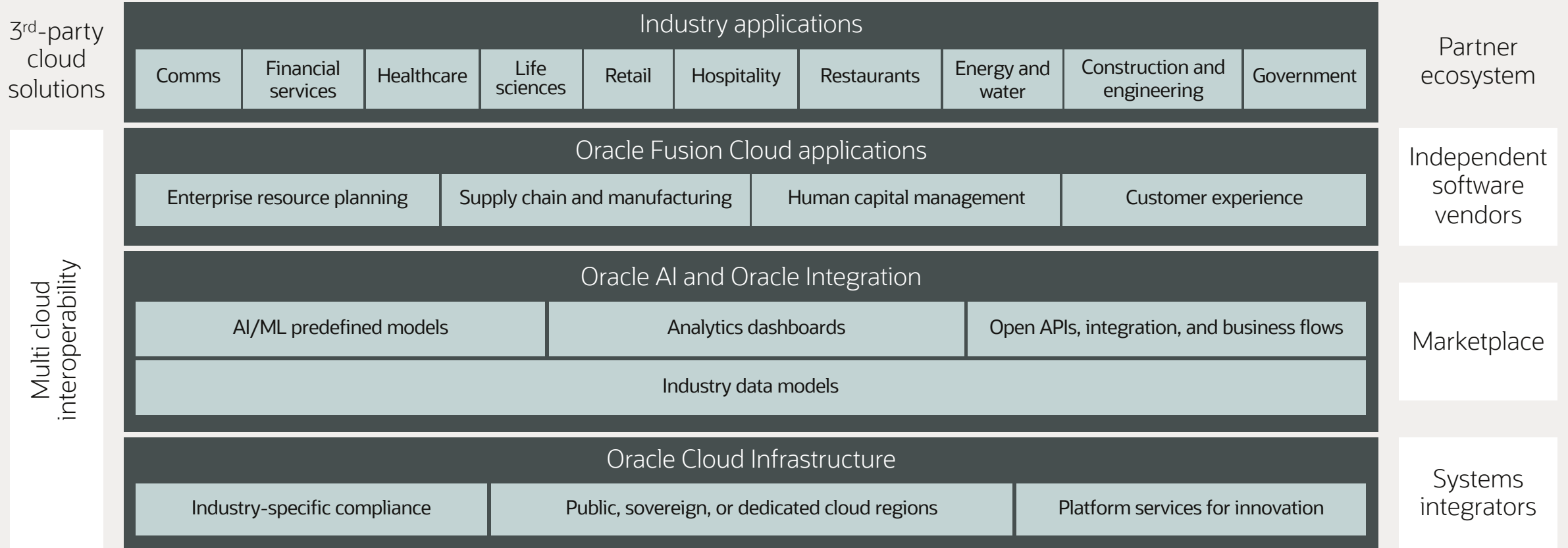
Is our supply chain prepared for dealing with disruptions and global events?

Have we started to track and measure sustainability and integrity within our supply chain?

How quickly can we adjust?



Oracle solutions for every industry



Why Oracle?

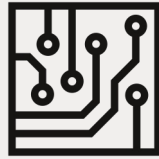


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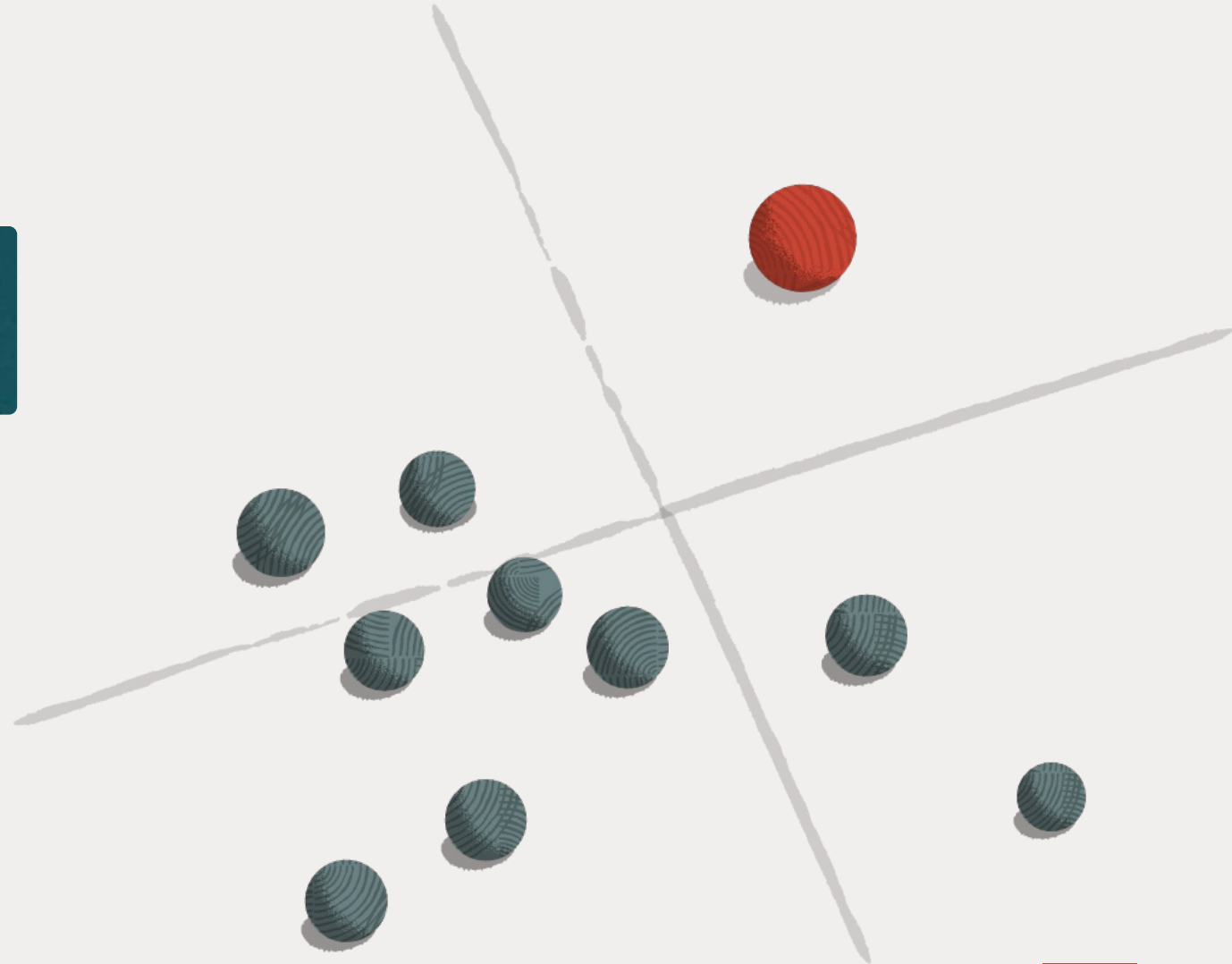

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