

#### **UTILITIES**

# Unlock Utility Transformation

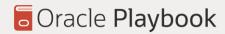
Enabling a resilient and modern organization for the journey ahead



### **Utilities**

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Leading utilities will thrive by rapidly adapting, creating new revenue streams, and offering value-added services in a shifting industry. Increased automation is essential to overcoming operational challenges, requiring smarter solutions that provide seamless data access and embedded AI for better decision-making and efficiency.



# Key imperatives for utilities

- 1 Navigate the energy transition and changing power demand
- 2 Develop secure, scalable, and automated systems to support innovation
- Promote sustainability and increase reliability while serving all communities equitably





# Forces shaping the utility industry

#### **INDUSTRY CHALLENGES** VISION OF SUCCESS Click on a section to learn more. **Navigating the energy transition** Create the next generation of energy Siloed operating models create lack of business agility and stifle innovation, limiting the ability to capitalize on sustainable development. Managing grid resiliency Improve grid reliability Lack of real-time operational intelligence to effectively de-risk aging assets and properly plan for next-generation infrastructure to manage renewables. **Reimagining the customer dynamic** Turbocharge customer interactions Limited insights to manage evolving customer preferences, build new business models, and expand new B2B and B2C channels. **De-risking critical infrastructure** Secure everything Lack holistic view of cyber and physical threats, which lead to compromised systems, increased risk, poor reliability, and lower customer satisfaction. Net zero compliance **Evolve** profitably Inability to navigate shifting financial, operational, and regulatory battle lines due to fragmented planning and strategy systems, leading to poor performance. Starting your journey

### Oracle Playbook

# 1: Create the next generation of energy

The global shift to electric means that oil and gas suppliers must deliver on today's needs while planning for tomorrow. This requires new products and services and close attention to changing government mandates.

#### **Recommended actions:**

- Understand customer demand to balance current and future needs
- Implement smarter ways of planning and manufacturing within your organization
- Test and innovate new solutions

#### 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

Customer communication	Asset operations	Grid operations	Al	Energy efficiency	Digital engagement
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# 2: Improve grid reliability

Real-time insights combined with contextual and geophysical data can de-risk aging assets, improve grid reliability, enable peak and load shifting programs, and build a next-generation interoperable infrastructure to manage renewable disruption.

#### **Recommended actions:**

- Invest in modernizing your technology stack to a real-time, connected cloud capable of secure communication to edge and customer devices
- Create scalable infrastructure to manage the disruption from renewable energy sources
- Use Al agents to analyze historical and real-time energy consumption data and weather forecasts and adjust energy distribution accordingly

#### How to get started:

- Identify aging assets and create a plan for modernization
- Seek to use sensors and automation to maximize intelligence

Asset management	Grid operations	Enterprise communications	Data insights	Agentic AI	



# 3: Turbocharge customer interactions

Efficiently access your target market, track omnichannel engagement, enable AI responses to standard inquiries, both internal and external, turbocharge customer service, and closely manage discounting and margins.

#### **Recommended actions:**

- Create a cohesive customer experience that spans all channels
- Use generative AI to hyper-personalize customer interactions in all channels
- Improve targeting and management of customer opportunities and profitability

#### How to get started:

- Identify disparate sources of customer and product data
- Collect data about discounts and pricing
- Learn about Al possibilities

Energy reports and	Demand	Grid	Generative	Peak
recommendations	management	operations	Al	utilization



# 4: Secure everything

Implement converged, intelligent cyber-resilience planning with integrated data and cyber-physical security, along with governance strategies across security domains, to rapidly identify, prevent, and mitigate threats.

#### Recommended actions:

- Use secure cloud technology for always-current compliance and threat protection
- Implement modern employee health and safety systems to keep workers safe
- Track and measure adherence to changing compliance needs

#### 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

#### Oracle capabilities enabling strategic goals

Asset Employee health operations Employee health and safety Cloud Training Governance, risk, Grid and compliance operations



# 5: Evolve profitably

Refine processes to communicate and deliver greater project profitability. Focus on efficient execution and advanced analytics that show where you are making and losing money.

#### Recommended actions:

- Invest in modernizing your technology stack to 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 modern tools for actionable insights

#### How to get started:

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

Finance Pr	Profitability analysis Asset Operations	Energy Efficiency	Al	Procurement
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# Internal questions to get going

#### **Data: Governance and control**

Do we feel like we have clear controls and governance in the utilization of our data?

Do we understand how to implement successful change management procedures?

What compliance and audit costs do we frequently run into?

#### **Cloud adoption**

Do our associates feel like they're working with modern technology?

What kind of upskilling will our teams need to administer and adopt this kind of cloud technology?

Can we risk losing our top talent to other firms with more modern technology?

Which teams do we foresee being the hardest to enable? Fastest?

#### Finance and planning modernization

What kind of analytics and insights do we need on day one of going live?

What are the biggest regulatory and compliance risks we regularly face?

Do we have a clear understanding of our chart of accounts?

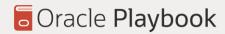
Do we prefer to have all of our data stored in our general ledger, or do we consolidate before entering into the general ledger?

#### **System architecture and consolidation**

Do IT silos hurt our business?

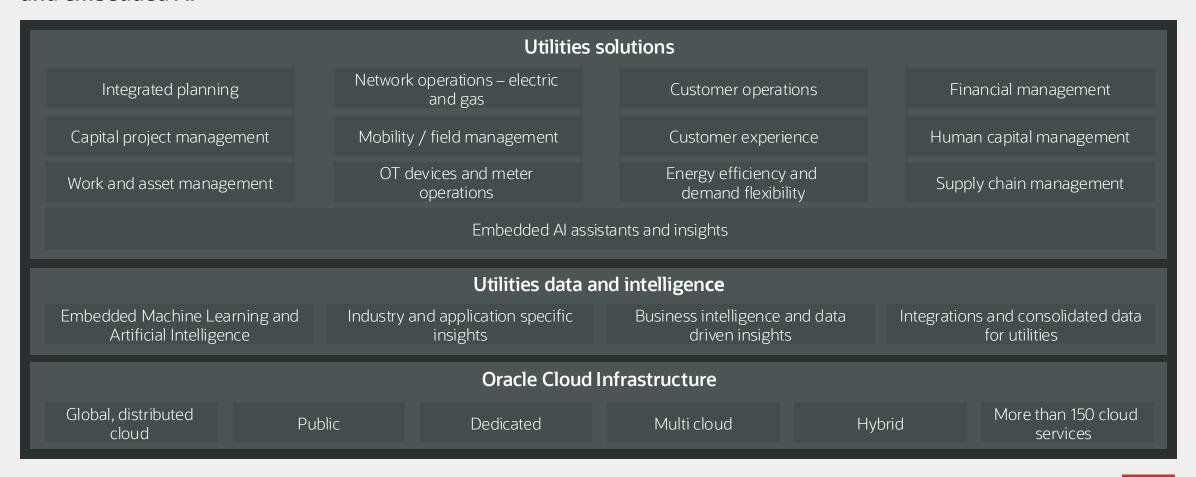
Do we run on a modern cloud technology stack?





## **Oracle Utilities**

Transforming utilities with a secure, scalable, high-performance cloud – powered by connected data and embedded AI



### ☐ Oracle Playbook

# Why Oracle?



#### **Complete Suite**

Best-of-breed apps designed and built based on customer needs—with Al throughout.

Industry-specific apps, finance, HR, supply chain, manufacturing, marketing, sales, service, and analytics built to work together.



# Best Cloud Technology

Next-generation Oracle Cloud Infrastructure (OCI) with the performance, security, and availability to run your mission-critical operations.

Cloud regions worldwide for commercial and government needs.



#### **Award-Winning Design**

Award-winning consumergrade+ user experience built with Redwood Design System.

The same tools for all developers to easily personalize, extend, and build applications.

Self-learning and self-improving applications.



# **Committed to Your Success**

Oracle Customer Success Services helps you maximize your cloud investment with proactive support, expert guidance, and comprehensive tools and best practices.



### Oracle Playbook

# Committed to your success

#### Oracle Cloud Success Navigator: An interactive digital platform to help guide you



#### **Get your bearings**

Understand what's possible with your cloud solution using preconfigured starter environments to support your design decisions.



#### Chart a proven course

Access Oracle expertise, reference Oracle Modern Best Practice, and use Cloud Quality Standards to inform your implementation approach.



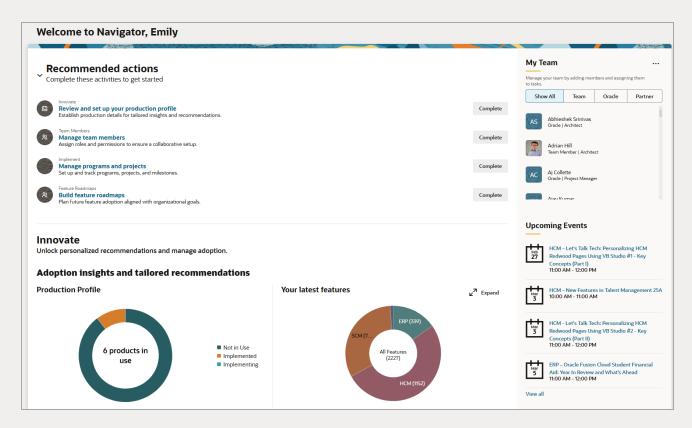
#### Find value at every turn

Get more from your quarterly releases using Al assistance and preview environments to experience and adopt the latest features that matter to you.

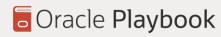


#### Blaze new trails

Build your own cloud roadmap based on your organization's goals keeping you focused on the capability you need for today and the road ahead.







# Extensive partner ecosystem





























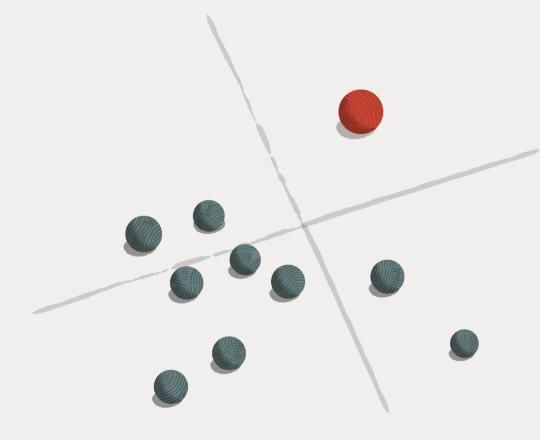






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