

IBM Cognitive Enterprise Business Platform for Oracle Cloud

Oracle ERP Cloud for Mining and Metals

The mining and metals industry continues to face business challenges from fluctuation of demand, responding to higher input cost and delivering improved margins, ensuring the business delivers on these strategic objectives is critical to helping it achieve its ambitions.

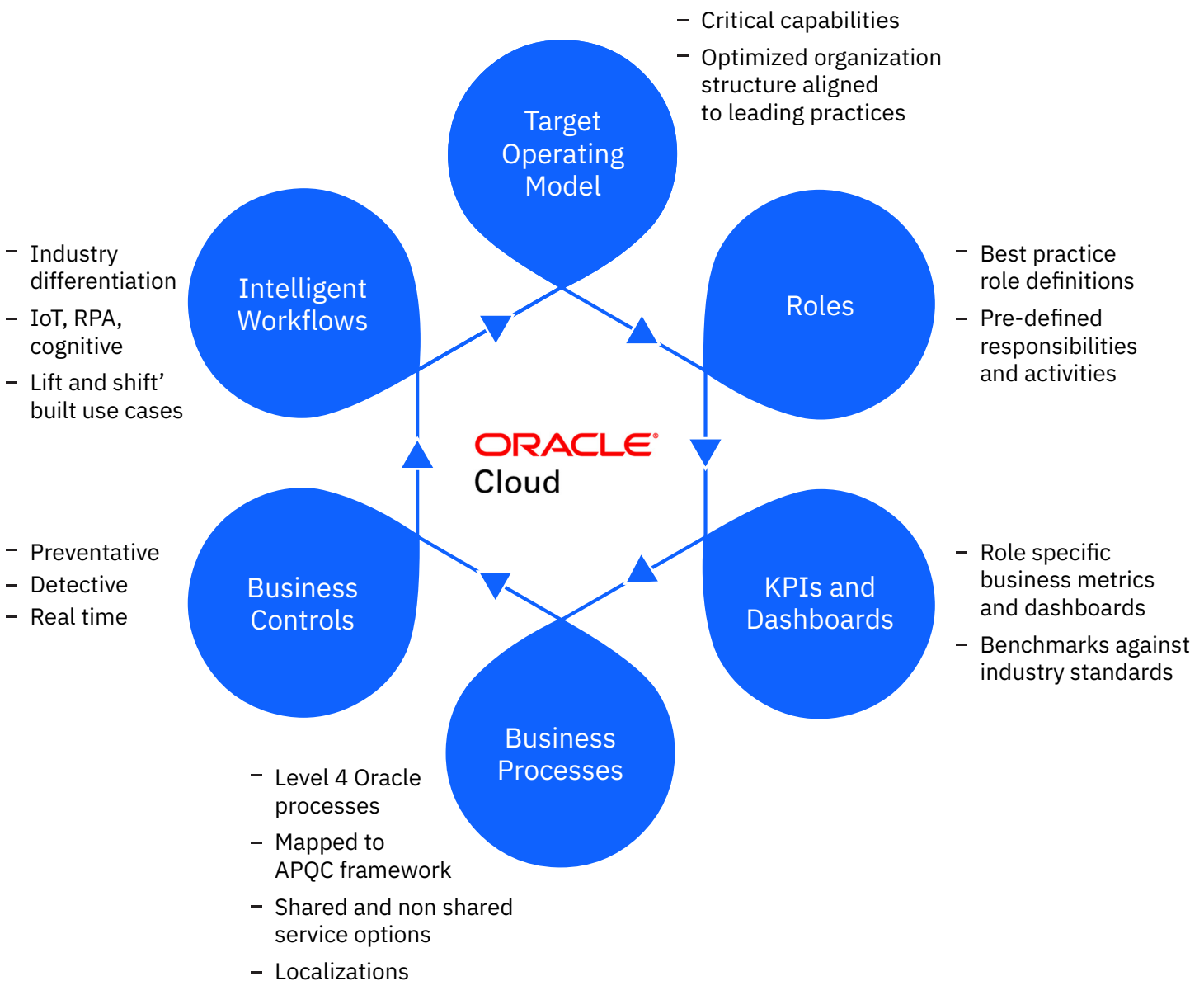
CXO's along side their Finance and Operations teams play a critical role in helping the business counter these challenges.

To help Mining and Metals businesses with their finance and operational goals, IBM has developed a next-generation business model.

IBM offers a business platform, centered around Oracle Cloud Applications, configured to maximize business performance.

Validated against your requirements, IBM is able to deliver your optimal target state from day one via a ready off-the-shelf model that is fully working and enhanced for Oracle Cloud Applications.

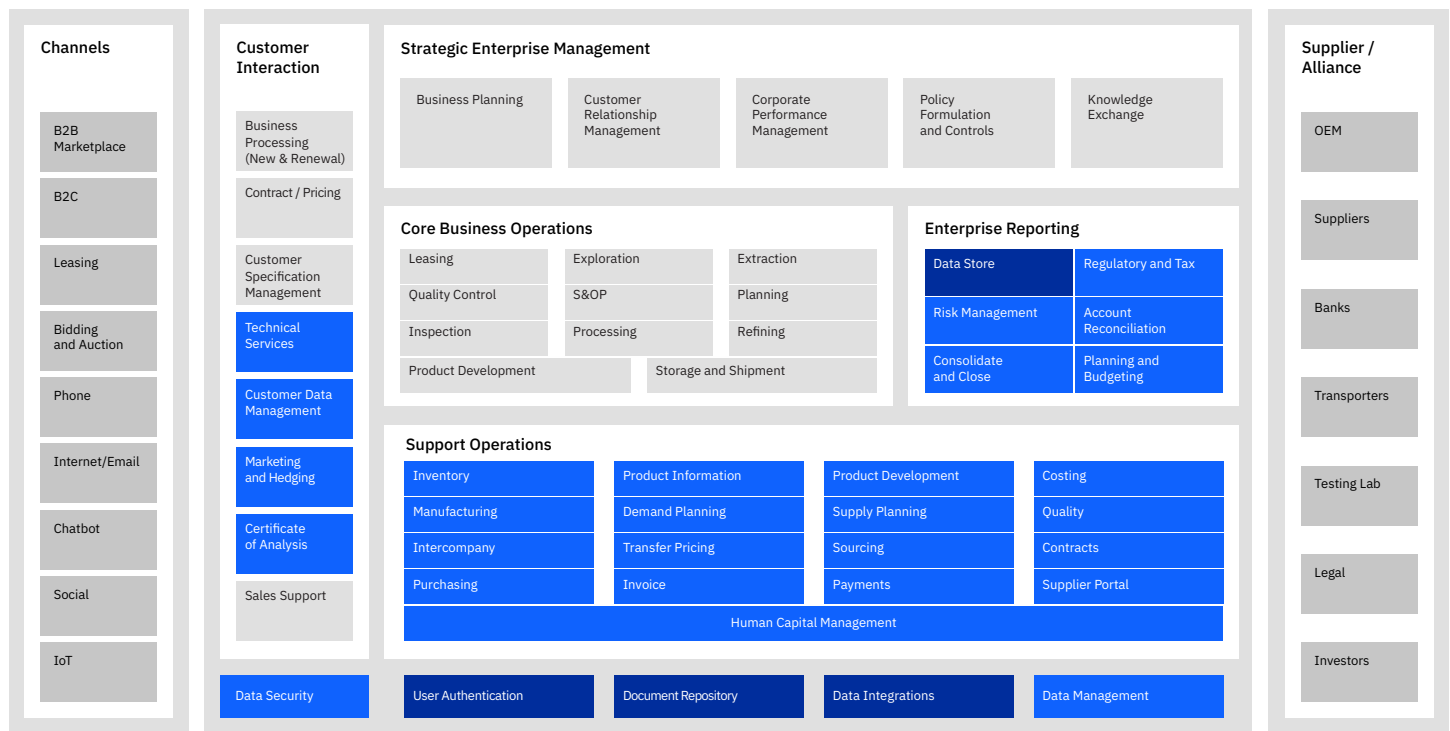
The business platform provides a solution tailored to your industry based around a blueprint focused on delivering a best-in-class Target Operating Model (TOM) with critical business capabilities honed to deliver the most value.



Delivered through a Mining and Metals optimized architecture.

The business platform is pre-configured and aligned to Mining and Metals industry specific architectures. For Mining and Metals organizations, the solution and processes incorporate key industry specific considerations such as Quality Management, Extraction, Exploration and how the implications of these might feed from front office to back-office systems in Oracle Cloud Applications.

Validated against your requirements, IBM can deliver your optimal target state from day one via a “lift and shift” model that is fully working and optimized for Oracle Cloud Applications.









■ Oracle Cloud Applications (SaaS)
 ■ Oracle Platform as a Service (PaaS)
 ■ Industry Applications









Enhanced to align with industry specific opportunities and challenges.

The platform is not only architected to align with common industry applications, but also recognizes that each industry faces its own distinct challenges and its own strategic objectives. CXO's alongside finance and operational teams have multiple "levers" they can pull to help the business deliver against its aims.

Those "levers" or drivers of change—whether they be aligned with improving business performance or addressing key pain points can be aligned with the critical imperatives of that organization and industry.

Mining and Metals Industry Strategic Aims and Drivers

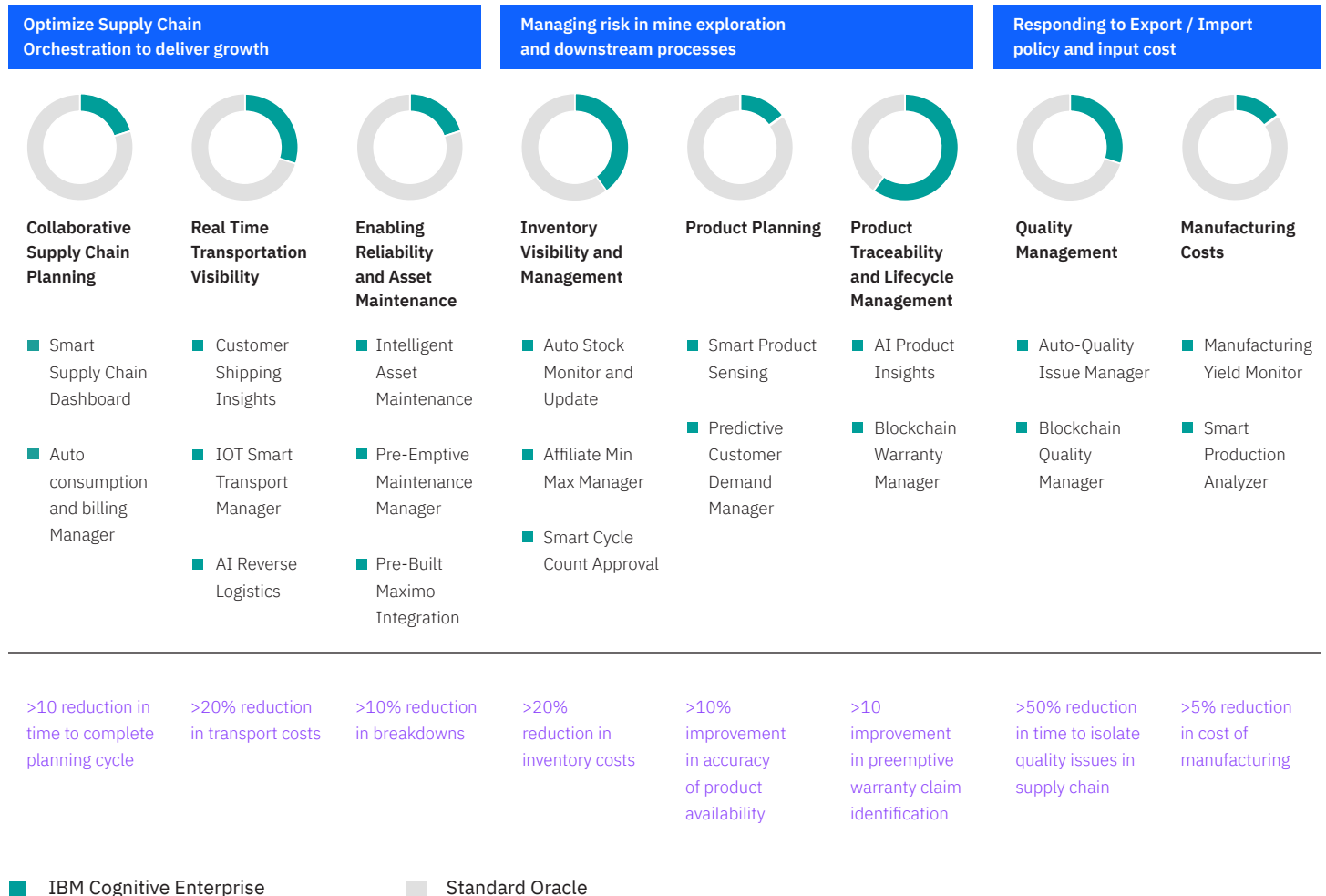
Strategic Aims		
Optimize Supply Chain Orchestration to deliver growth	Managing risk in mine exploration and downstream processes	Responding to Export / Import policy and input cost
<p>Business Drivers</p> <ul style="list-style-type: none">  Collaborative Supply Chain Planning  Real Time Transportation Visibility  Enabling Reliability and Asset Maintenance 	<p>Business Drivers</p> <ul style="list-style-type: none">  Inventory Visibility and Management  Production Planning  Product Traceability and lifecycle Management 	<p>Business Drivers</p> <ul style="list-style-type: none">  Quality Management  Manufacturing Costs

Strategic Aims		
Reducing Cost and Improving Margin	Increasing business simplification	Improving capital and liquidity
<p>Business Drivers</p> <ul style="list-style-type: none">  Improving Plant Productivity  Supplier Performance and Collaborative Planning  Accurate Product Profitability and Margin Analysis 	<p>Business Drivers</p> <ul style="list-style-type: none">  Close and Reporting Cycle  Real Time Data Accessibility 	<p>Business Drivers</p> <ul style="list-style-type: none">  Managing IT and Physical Assets  Liquidity and Hedging  Project / Initiative Cost Management

Industry solutions delivered through emerging technologies.

The platform is a unique solution – it delivers more through IBM’s proprietary intelligent workflows and industry built solutions. Across your business’ processes, emerging technologies like Artificial Intelligence (AI) and Robotic Process Automation (RPA) are seamlessly integrated into the Oracle standard Cloud Applications along side IBM’s industry differentiating Oracle PAAS and SAAS enabled solutions.

The following diagrams depict, by each business driver the percentage of the related processes that are delivered through and then improved on by these capabilities. Helping deliver greater efficiency, improving employee experience and achieving greater compliance and business insight.



Reducing Cost and Improving Margin			Increasing business simplification		Improving capital and liquidity		
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Improving Plant Productivity

- Smart IOT Plant Monitor

- Auto-MRO Manager



Supplier Performance and Collaborative Planning

- Supplier Query Chatbot

- Trust Your Supplier
- Contract Compliance Monitor
- Auto Supplier Expiry Monitor



Accurate Product Profitability and Margin Analysis

- Interconnected Planning

- Smart Budget Load
- Integrated Allocation and Profitability Manager



Close and Reporting Cycle

- Touchless Close

- Touchless Subledger Reconciliation
- Unclaimed GL Balance Alert



Real Time Data Visibility

- NLP Document Manager

- Industry KPI Dashboard



Managing IT and Physical Assets

- Auto Asset Management

- Intelligent Asset Definition



Liquidity and Hedging

- Working Capital Optimizer

- Forex Insights Dashboard
- Cash Requirements Monitor



Project / Initiative Cost Management

- Predictive Project Insight

- Auto-Budget Alert Exception

>20% improvement in identification of pre-emptive plant repairs

>30% reduction in time to on-board suppliers

>30% improvement in accuracy of cost allocations

>40% improvement in time to close period

Industry specific KPIs identifying business improvement opportunities

>40% reduction in time to onboard new assets

>20% improvement in forex requirements accuracy

>30% reduction in project cost over runs

■ IBM Cognitive Enterprise

■ Standard Oracle

Our platform delivers more through our best-in-class assets...

The platform offers a deep and broad solution delivered through mining and metals-specific level 4 processes, monitored through pre-built role-based dashboards and supported by business controls and localizations to meet legislative and governance requirements.

150

Operational KPIs

195

Level 4 Processes

24

Pre-built dashboard

161

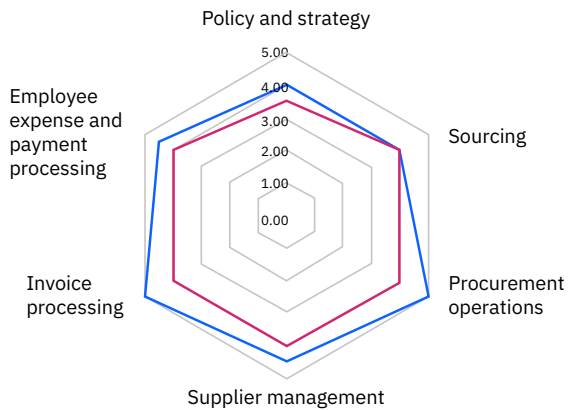
Business Controls

Resulting in a greater process maturity solution for your Mining and Metals financial and operational needs.

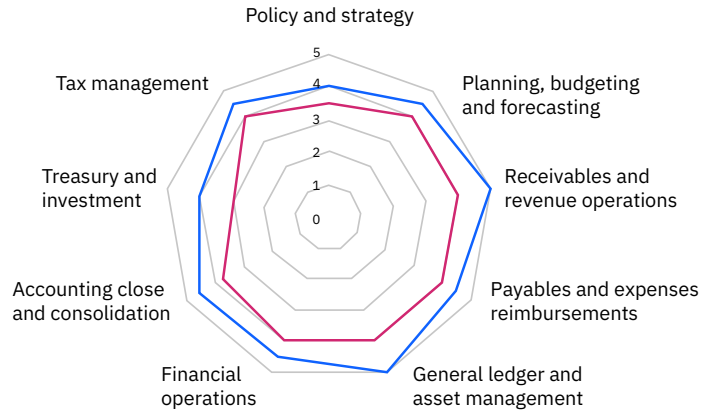
This best-in-class industry-aligned Oracle Cloud solution is augmented through intelligent workflows which come together to deliver even greater process maturity resulting in greater business value. The following diagrams depict how that process improvement is measured by business function.

The red line shows how moving to Oracle Cloud can deliver significant improvements for most clients. The blue line shows how the IBM Cognitive Enterprise Business Platform for Oracle Cloud can deliver even greater process maturity.

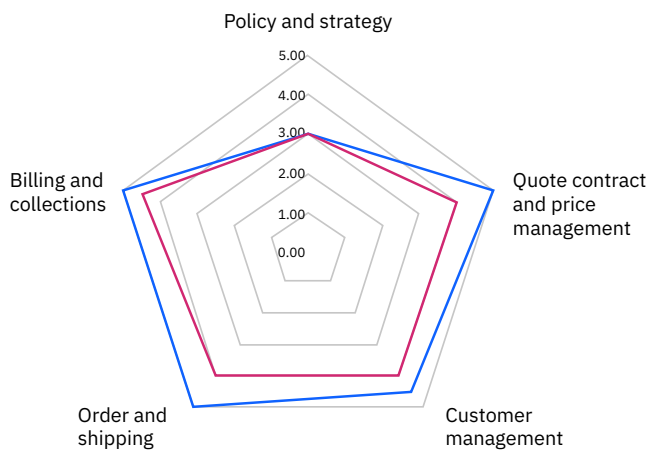
Procurement



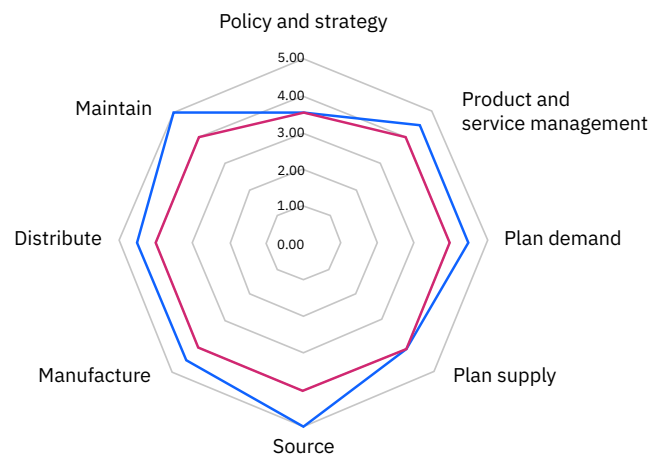
Finance



Order to Cash



Supply Chain and Manufacturing



Are you ready to
become a Cognitive
Enterprise?

Start your journey to
Oracle ERP Cloud for
mining and metals today.

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ORACLE

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