ORACLE

# Oracle Industry Playbook

Agriculture

# Agriculture

Agriculture stands on the brink of transformation, driven by rapid technological advancements, regulatory changes, market shifts, and environmental pressures. For forward-thinking companies, this presents a significant opportunity. By adopting modern technologies—such as soil sensors, aerial imaging, and GPS tracking—agriculture businesses can unlock new levels of efficiency and profitability. Precision agriculture, powered by these innovations, enables companies to stay competitive, adapt to evolving challenges, and capitalize on the future of farming.

# Key Imperatives for Agriculture

**1** Adopt advanced technology to transform farming with precision tools and automation, boosting efficiency and cutting costs.

**2** Prioritize sustainability by embracing eco-friendly practices that balance productivity with environmental care and compliance.

**3** Adapt to market and regulatory changes by staying agile, responding quickly to shifts, and staying ahead of competitors.

# Forces Shaping the Agriculture Industry

## INDUSTRY CHALLENGES

**Crop Yield Optimization**
Difficulty in achieving optimal crop yields due to variable conditions and inefficient farming practices.

**Supply Chain Inefficiencies**
Challenges in managing supply chain logistics, leading to losses and inefficiencies.

**Environmental Sustainability**
Pressure to implement sustainable farming practices while maintaining profitability.

**Data Management**
Managing vast amounts of agricultural data from various sources is complex and unwieldy.

**Regulatory Compliance**
Compliance with agricultural regulations and standards is complex and demanding.

## VISION OF SUCCESS

Real-time data analytics, predictive insights, and precision agriculture tools to optimize crop yields.

End-to-end supply chain visibility, advanced logistics management, and optimization tools.

Tracking and reporting on sustainability metrics, optimizing resource use, and minimizing environmental impact.
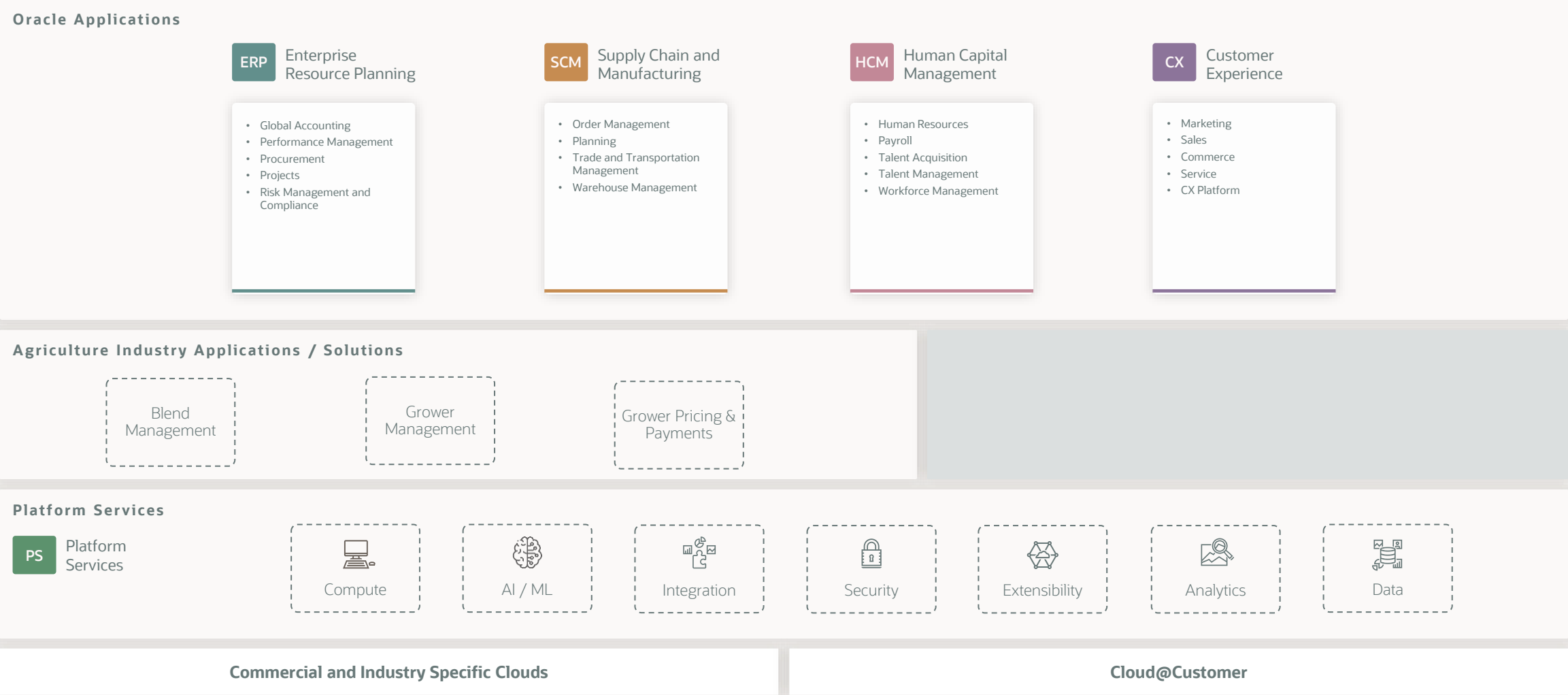
Automated data processing, scalable storage, and advanced analytics for simplified data management.

Audit trails, regulatory reporting, and risk management capabilities to streamline compliance processes.

# Oracle Industry Suite for Agriculture

Future-proof your business with a secure, scalable, high-performance cloud

**Oracle Applications**

**ERP** Enterprise Resource Planning
- Global Accounting
- Performance Management
- Procurement
- Projects
- Risk Management and Compliance

**SCM** Supply Chain and Manufacturing
- Order Management
- Planning
- Trade and Transportation Management
- Warehouse Management

**HCM** Human Capital Management
- Human Resources
- Payroll
- Talent Acquisition
- Talent Management
- Workforce Management

**CX** Customer Experience
- Marketing
- Sales
- Commerce
- Service
- CX Platform

**Agriculture Industry Applications / Solutions**

Blend Management

Grower Management

Grower Pricing & Payments

**Platform Services**

**PS** Platform Services

Compute

AI / ML

Integration

Security

Extensibility

Analytics

Data

**Commercial and Industry Specific Clouds**

**Cloud@Customer**

# Oracle Fusion Cloud Applications Suite

A platform for enterprise-wide transformation

## Customer Experience

- Marketing
- Sales
- Service

## Supply Chain & Manufacturing

- Supply Chain Planning
- Inventory Management
- Manufacturing
- Maintenance
- Product Lifecycle Management
- Procurement
- Order Management
- Logistics

## Enterprise Resource Planning

- Financial Management
- Procurement
- Project Management
- Risk Management and Compliance

## Enterprise Performance Management

- Planning, budgeting, and forecasting
- Profitability and Cost Management
- Financial Consolidation and Close
- Account Reconciliation
- Tax Reporting
- Enterprise Data Mgmt.

## Human Capital Management

- Human Resources
- Talent Management
- Workforce Management
- Payroll

**Data Intelligence**

**Revenue Transformation**

**Back-office Unification**

**Customer Experience**

**Supply Chain Unification**

**Financial Excellence**

**Empowered Workforce**

**Connected Planning**

# Oracle Fusion Cloud ERP

## AI-Powered Finance

### Financials

General Ledger

Accounting Hub

Payables & Assets

Treasury & Payments

Expense Management

Receivables & Collections

Bill & Credit Management

Revenue Management

CPQ / Subscription Management

Joint Venture Management

Lease Accounting

### Procurement

Supplier Qualification Management

Sourcing

Procurement Contracts

Self Service Procurement

Purchasing

Supplier Portal

Spend Classification

### Project Management

Cost Management & Control

Billing & Revenue Mgmt

Planning, Scheduling & Forecasting

Project Asset Management

Project Management

Resource Management

Program Management

Grant Management

Task Management

### Enterprise Performance Management

Enterprise Planning

Profitability & Cost Mgmt

Narrative Reporting

Financial Consolidation & Close

Account Reconciliation

Tax Reporting

Enterprise Data Management

### Risk Management

Separation of Duties Reporting (SOD)

Preventive SOD User Provisioning

Security Monitoring

User Access Reviews & Certifications

Fraud & Payment Monitoring

Configuration & Audit Monitoring

Internal Control Assessments

Risk & Controls Matrix

Workforce Health & Safety

**Touchless Operations**

**Predictive Insights**

**Connected Actions**

# Oracle Fusion Cloud SCM

## Deep Functional Integration Connecting the Digital Thread

### Supply Chain Planning

Demand Management

Supply Planning

Sales & Operations Planning

Supply Chain Collaboration

### Supply Chain Execution

Inventory

Costing

Manufacturing

Maintenance

Quality

Production Monitoring

### Order Management

Order Management

Product Configuration

Order Pricing

Global Order Promising

Channel Revenue Management

### Logistics

Transportation Management

Global Trade Management

Warehouse Management

Logistics Network Modeling

### Product Lifecycle Management

Innovation Management

Product Hub

Product Development

Quality Management

### Procurement

Sourcing

Contracts

Purchasing

Supplier Management

**Strategic Sourcing**

**Smart Operations**

**Perfect Order**

**Strategic Sourcing**

**Revenue Transformations**

**End to End Visibility**

# Oracle Fusion Cloud HCM

## Empowering Employee Success for Exceptional Business Outcomes

### Human Resources

Benefits

Core HR

Work Life

Workforce Modeling & Predictions

Strategic Workforce Planning

Advanced HCM Controls

### Talent Management

Recruiting

Onboarding

Learning

Career Development

Opportunity Marketplace

Performance Management

Compensation

Succession Planning

Dynamic Skills

### Workforce Management

Time & Labor

Workforce Scheduling

Workforce Labor Optimization

Absence Management

Workforce Health & Safety

### Payroll

Payroll

Payroll Core

Payroll Interface

### Employee Experience

HCM Communicate

Journeys

Connections

Grow

Touchpoints

Celebrate

HR Help Desk

Digital Assistant

**Intelligent & Automated People Processes**

**Hyper-Personalized Experiences**

**End-to-End Visibility**

# Oracle Fusion Cloud CX

## Maximizing the Power of Your Enterprise Data and AI

### Marketing

Unity Customer Data Platform

Eloqua Marketing Automation

Responsys Campaign Management

CrowdTwist Loyalty and Engagement

### Sales

Fusion Sales

Sales Force Automation

Configure, Price, Quote (CPQ)

Subscription Management

Commerce

Incentive Compensation

### Service

Fusion Service

Digital Customer Service
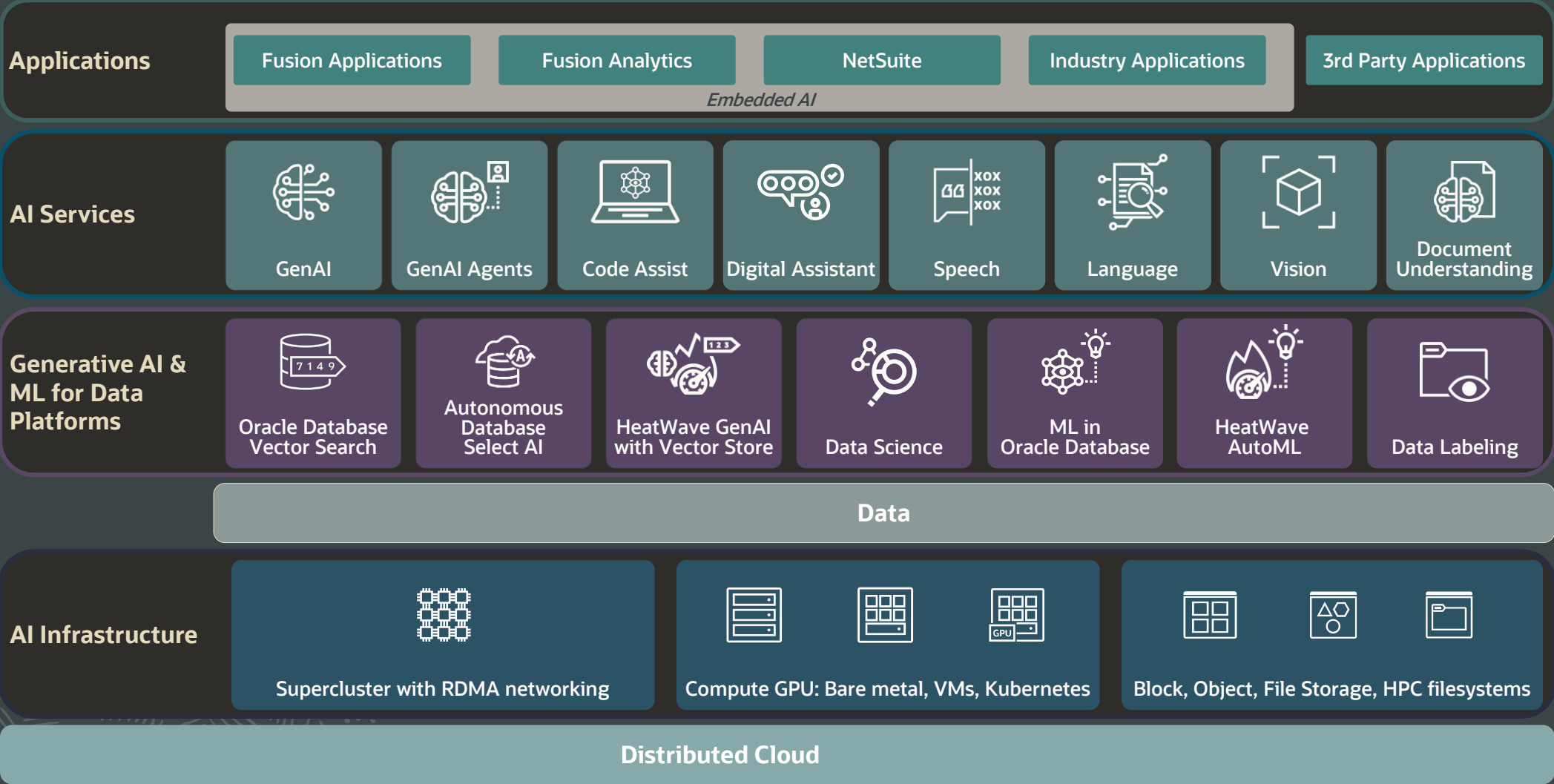
Field Service

Knowledge Management

Service Logistics

**Revenue Transformation**

**Service Automation**

**Marketing and Sales Unification**

**Single Customer View**

# The Oracle AI Stack

| Applications | Fusion Applications | Fusion Analytics | NetSuite | Industry Applications | 3rd Party Applications |
|---|---|---|---|---|---|

*Embedded AI*

**AI Services**

| GenAI | GenAI Agents | Code Assist | Digital Assistant | Speech | Language | Vision | Document Understanding |
|---|---|---|---|---|---|---|---|

**Generative AI & ML for Data Platforms**

| Oracle Database Vector Search | Autonomous Database Select AI | HeatWave GenAI with Vector Store | Data Science | ML in Oracle Database | HeatWave AutoML | Data Labeling |
|---|---|---|---|---|---|---|

**Data**

**AI Infrastructure**

| Supercluster with RDMA networking | Compute GPU: Bare metal, VMs, Kubernetes | Block, Object, File Storage, HPC filesystems |
|---|---|---|

**Distributed Cloud**

**AI Partners and ISVs**

# Extensive Partner and ISV Ecosystem

accenture

Deloitte.

IBM

pwc

Infosys

cognizant

KPMG

tcs

NVIDIA

wipro

Informatica

Palantir

# +20,000
Partners and ISVs

# More Industry and Leadership Awards Than Any Other SaaS Company

| ERP | SCM | HCM | CX |
|-----|-----|-----|-----|
| 28X | 10X | 8X | 22X |

Gartner, Forrester, IDC, Omdia

Number of times top-tier analyst firms placed Oracle in a leadership position over the last 36 months
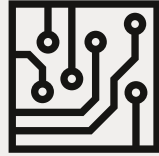
# Why Oracle?

### Complete Suite

Best-of-breed apps designed and built for changing customer needs—with machine learning, process automation, and other customer-driven innovations.

Finance, HR, supply chain, manufacturing, marketing, sales, service and analytics built to work together.

100s of new features each quarter.

### Best Technology

Next-generation cloud infrastructure (OCI) designed for Fusion Applications.

The only public cloud with the performance, security and availability to run your mission-critical operations.

40 cloud regions worldwide for commercial and government with 9 more planned.

### Applications Platform

Award-winning consumer-grade+ 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.

Oracle Playbook