

A woman with dark hair, wearing a beige tank top, is seated at a table and gesturing with her hands while speaking to a man in a suit. The man is in the foreground, out of focus, with his back to the camera. The background is a bright, out-of-focus office setting.

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JD EDWARDS
ENTERPRISEONE

Transform Your Business with JD Edwards Industry 4.0

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What is Industry 4.0?

Build your technology backbone with Industry 4.0.

Welcome to the 4th Industrial Revolution: **Industry 4.0** or **Smart Manufacturing**.

Cyber-physical technology advances are driving how information is captured and used in manufacturing and how consumers interact with the products they buy.

JD Edwards enables manufacturers to reinvent supply chain processes, powered by Industry 4.0 transformative technologies, to meet customer expectations and offer a better value than their competitors.

So what is the Industry 4.0 technology backbone?

- Mobile—Anytime, anywhere connectivity
- Internet of Things (IoT)—Real-time condition, location, and status information
- Cloud—Computing agility and efficiency
- Big data—Real-time insight into all the data
- Additive Manufacturing—Rapid prototyping through production



What is
Industry 4.0?

Build the
Factory of
the Future

Power
the
Future

Access
Data
Anytime

Automate
Your
Processes

Increase
Agility and
Productivity

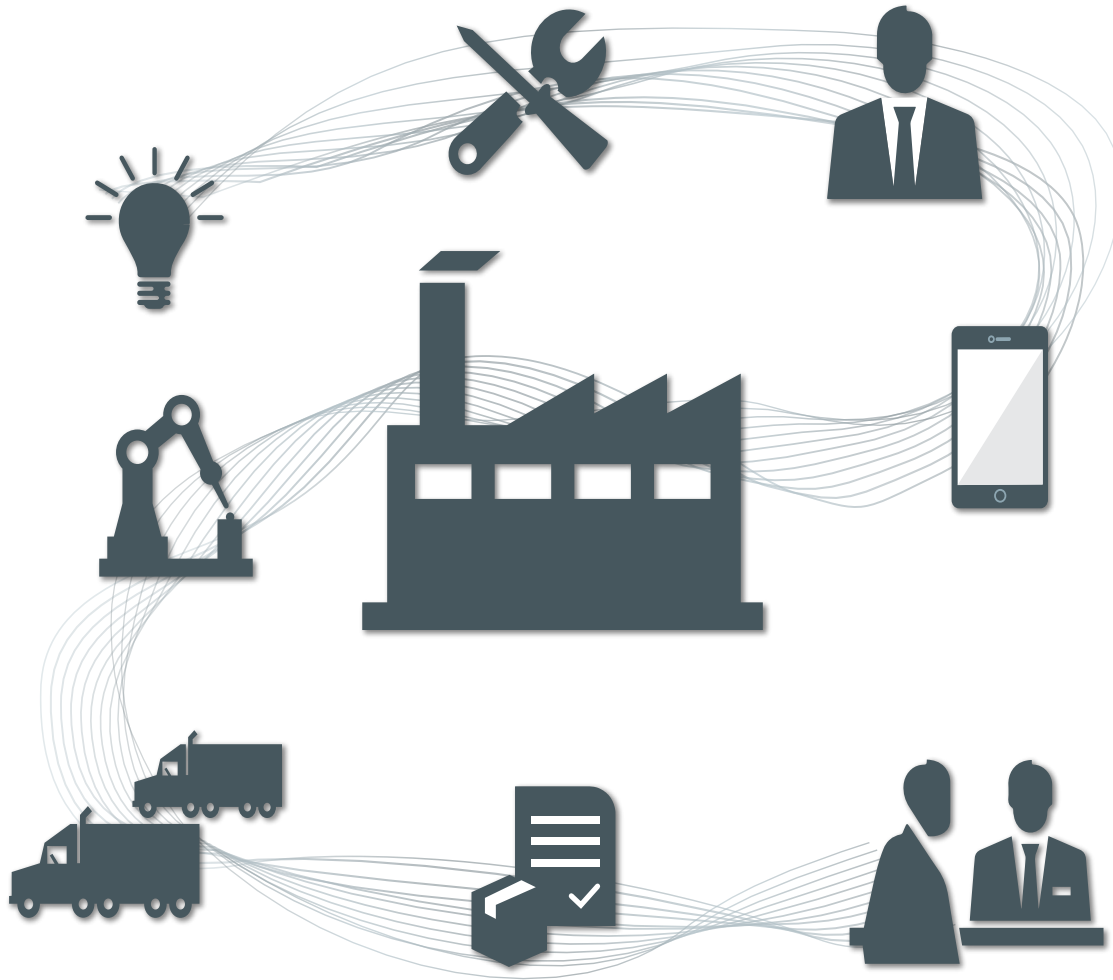
Benefit
from Data
Analytics

Extend to
Additive
Manufacturing

Transform
Your
Enterprise

Get Started

Build the Factory of the Future



Industry 4.0 technology drives the factory of the future.

In the factory of the future, Industry 4.0 technology captures, analyzes, and visualizes information to digitize critical information.

- Capture relevant product data through sensors, mobile devices, and wearables.
- Ensure workers are protected and qualified for assigned tasks.
- Predict product trends, machine maintenance, and quality issues.
- Automate supply order creation to ensure a reliable supply chain.
- Improve accuracy and customer satisfaction by tracking material from the supplier through the plant to the customer.

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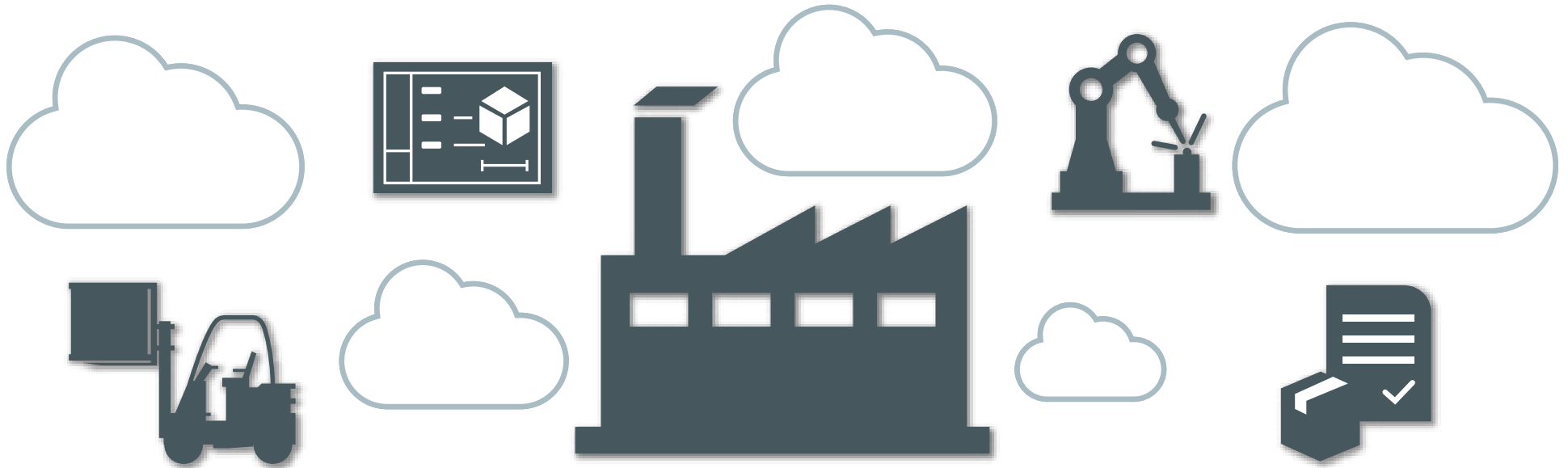
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Power the Future



Power the factory of the future with JD Edwards and Industry 4.0.

- Employ JD Edwards applications to capture, apply, and visualize all the data from your manufacturing processes.
- Capture data from the entire supply chain: Completing manufacturing orders, tracking product shipments, capturing labor costs and quality results, and monitoring warehouse processing and the status of products at the customer site.
- Use this data as input into the design process, and drive production through Additive Manufacturing.

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Access Data Anytime



Gain **24/7 access** to factory health through mobile devices.

JD Edwards gives you access to all aspects of the factory of the future through mobile devices.

Plant managers can:

- Assess factory health by checking inventory levels, equipment utilization, and employee safety.
- View key factory metrics such as inventory turns, supplier performance, and order-to-cash cycle time.

Maintenance supervisors can:

- React quickly to alerts about equipment failure or employee injuries.
- View key metrics about maintenance crews and equipment performance.

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Automate Your Processes

Improve efficiency, accuracy, and customer satisfaction through IoT orchestrations.

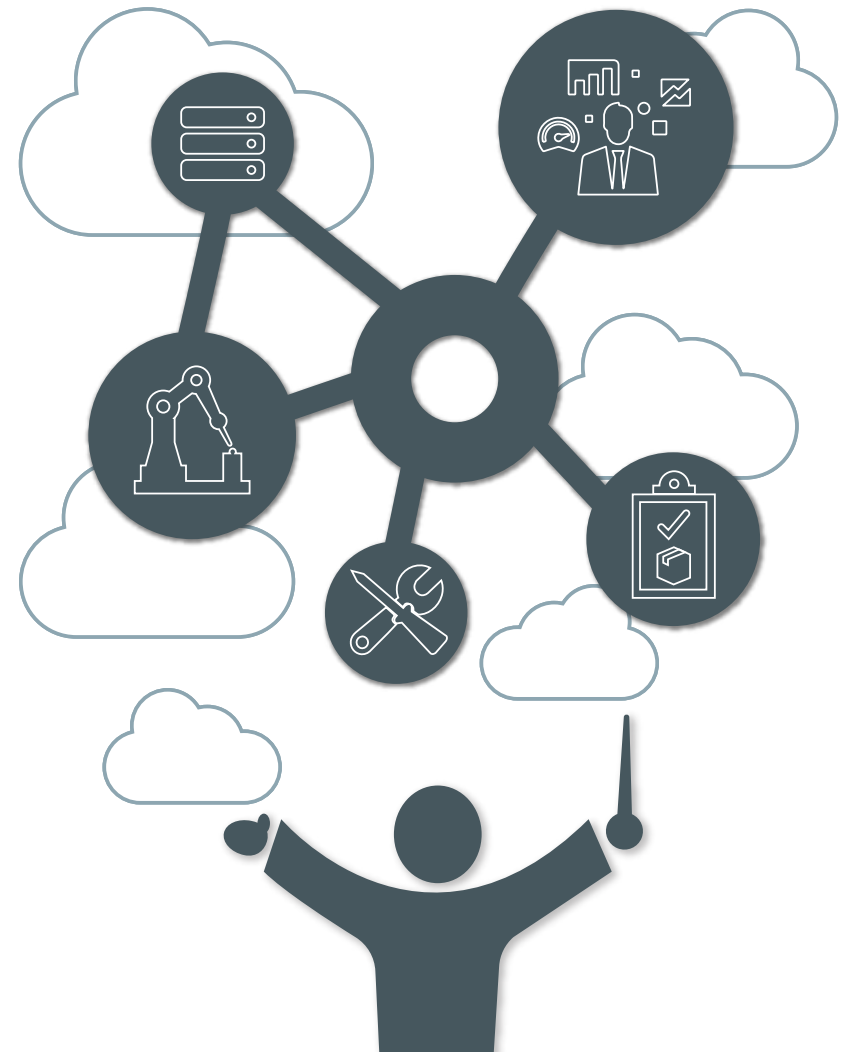
With IoT orchestrations, you can eliminate error-prone, manual activity and improve throughput.

By **automating the production line**, you can:

- Issue material to the work order when the items are received at the staging location.
- Complete work orders and backflush material and labor.
- Update quality test results.

By **automating maintenance**, you can:

- Update meter readings.
- Create preventive maintenance orders based on meter readings or equipment status.
- Create work orders when the environment is out of tolerance.



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Increase Agility and Productivity



Increase agility and productivity with cloud deployment.

Make the enterprise more agile and productive through:

- Improved IT control, strategic deployment of applications, and new capabilities.
- Deployment of resources to improve the business rather than IT maintenance.
- Hybrid cloud models.
- Maximize and manage Industry 4.0 technology with Oracle cloud platform services—Mobile, IoT, Integration.

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Benefit from Data Analytics

Enable **informed decision-making** through data visualization.

Drive accurate and faster decisions with JD Edwards big data visualization solutions—EnterpriseOne One View Reporting, In-Memory Applications, and Analytics.

Plant managers use these tools to assess:

- Machine status, work order load, and warehouse efficiency
- Plant health and profitability
- Supply and demand to implement changes to the factory of the future

Purchasing managers gain real-time insights into:

- Product availability and supplier history and ranking
- Quantity received, dispositioned, back ordered, and vouchered
- Supply and demand to implement changes to POs and contracts



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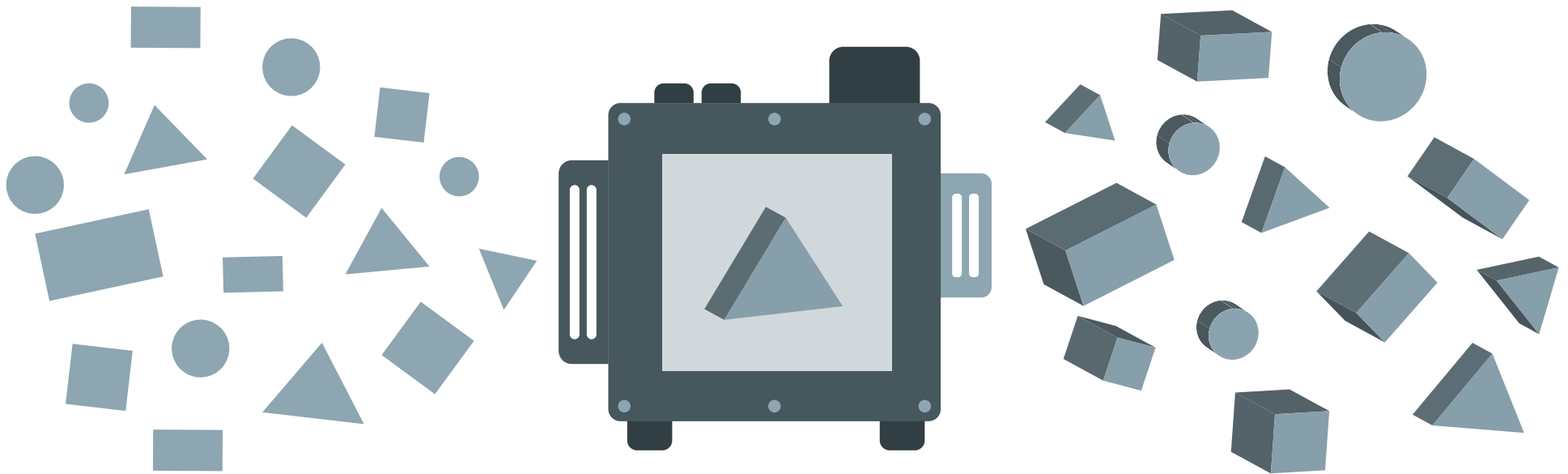
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Extend to Additive Manufacturing

Provide design data for **Additive Manufacturing**.

Industry 4.0 is the technology backbone that extends JD Edwards capabilities to Additive Manufacturing.

- Capture design data on work orders and transfer it to a 3-D printer.
- Validate a design by prototyping quickly and cost-effectively.
- Improve throughput by automatically sending designs to the 3-D printer.
- Enhance product quality by automatically encapsulating the design in the work order.



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Transform Your Enterprise

Transform your enterprise into the factory of the future.

Deploy JD Edwards EnterpriseOne with Industry 4.0 technology to transform your manufacturing operations and stay ahead of the competition:

- Provide anytime, anywhere data access with mobility.
- Achieve automation and efficiency with IoT.
- Gain agility and efficiency with cloud deployment.
- Get actionable information in real time with data visualization and analytics.



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Learn More

Check out JD Edwards for Industry 4.0 in the [JD Edwards Resource Library](#).

Connect

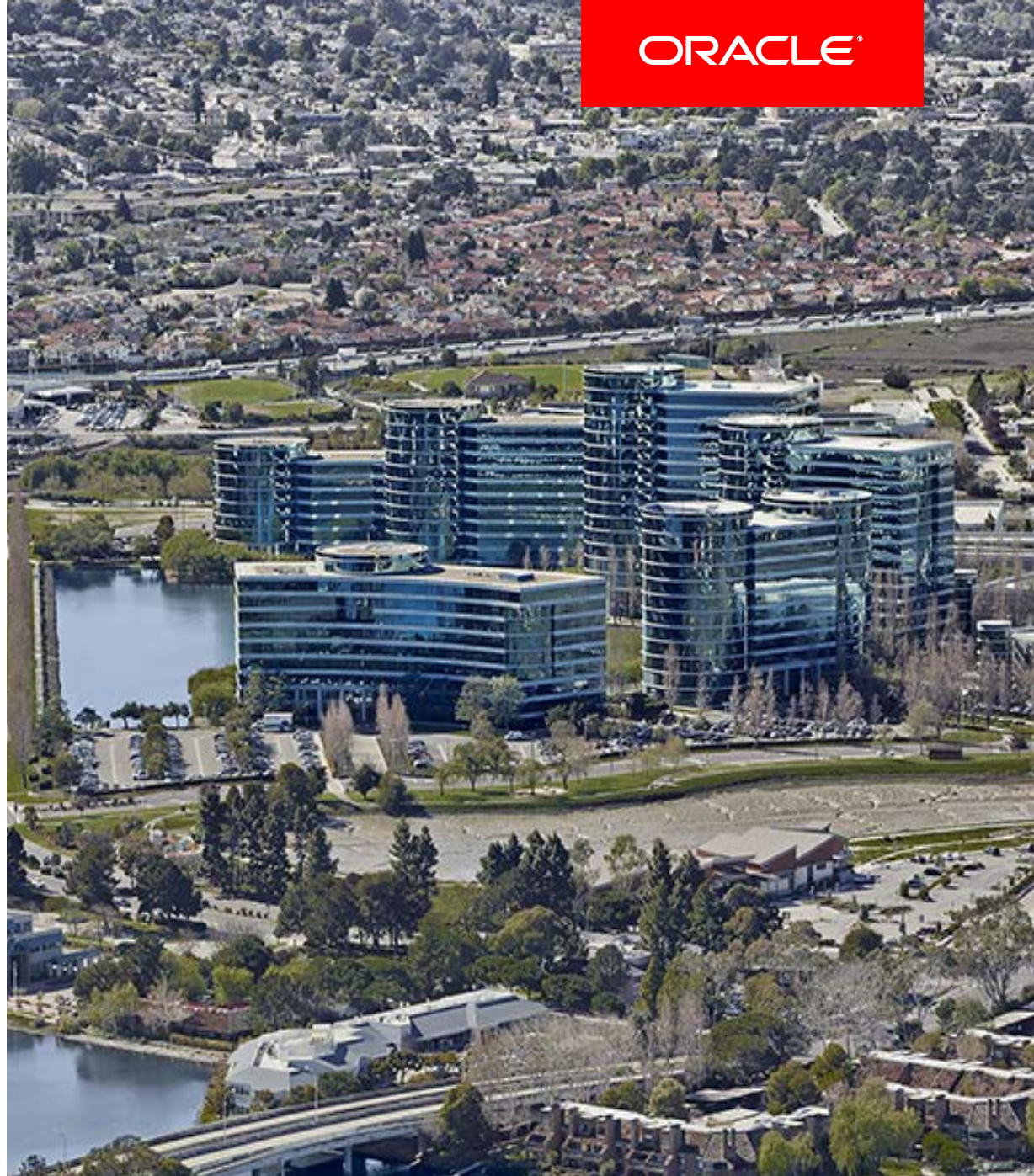
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Integrated Cloud

Applications & Platform Services

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