Oracle Smart Construction Platform

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The Why

- **The digital journey in C&E is a challenge**
  - Our industry's projects happen everywhere,
    with highly-bespoke supply chains and technology landscapes

- **Our platform empowers the customer's digital transformation to
  scalable project & asset lifecycle management to build a data strategy**

Standardize → Digitize → Analyze → Model → Predict → Automate

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The Evolving World of Platforms

Point Solutions Solved Targeted Pain Points

- ✓ Basic Efficiencies
- ✓ Std Workflows

First Gen Platforms Connected Teams

- ✓ Faster Decisions
- ✓ Fewer Errors

Intelligent Platforms Empower & Synchronize
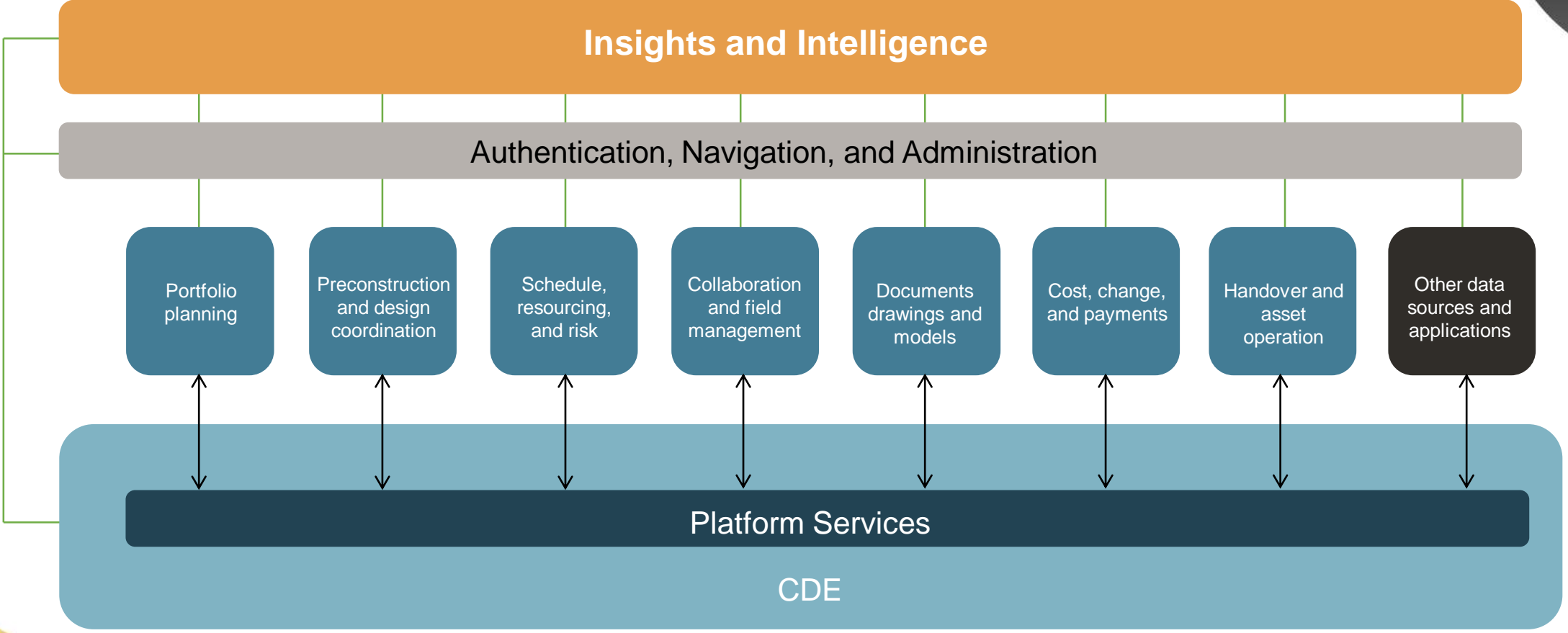
- ✓ Unlock Data
- ✓ Automate Processes

Highly Responsive Ecosystems

Project Teams

Individuals & Departments

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Oracle Smart Construction Platform

Operations & Maintenance

Portfolio & Capital Planning

Closeout & Handover

Bids / Tenders

Contracts, Cost & Change

Design Coordination

Intelligence

Digital Twin

Scheduling, Resources & Tasks

Payments & Compliance

Mobility & Field Management

Risk

Documents, Models & Collaboration

PLAN

Synchronize

Connect

Insights & Intelligence

Common Data Environment

OPERATE

BUILD

Insights & Intelligence

Empower

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Oracle Smart Construction Platform Capabilities

Insights and Intelligence

Authentication, Navigation, and Administration

| Portfolio planning | Preconstruction and design coordination | Schedule, resourcing, and risk | Collaboration and field management | Documents drawings and models | Cost, change, and payments | Handover and asset operation | Other data sources and applications |

Platform Services

CDE

The SCP CDE is a collection of data sources and services that store and provide access to project and asset data. SCP and ecosystem apps leverage CDE data, managing processes and workflows for all authorized stakeholders.

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Integration And The Ecosystem
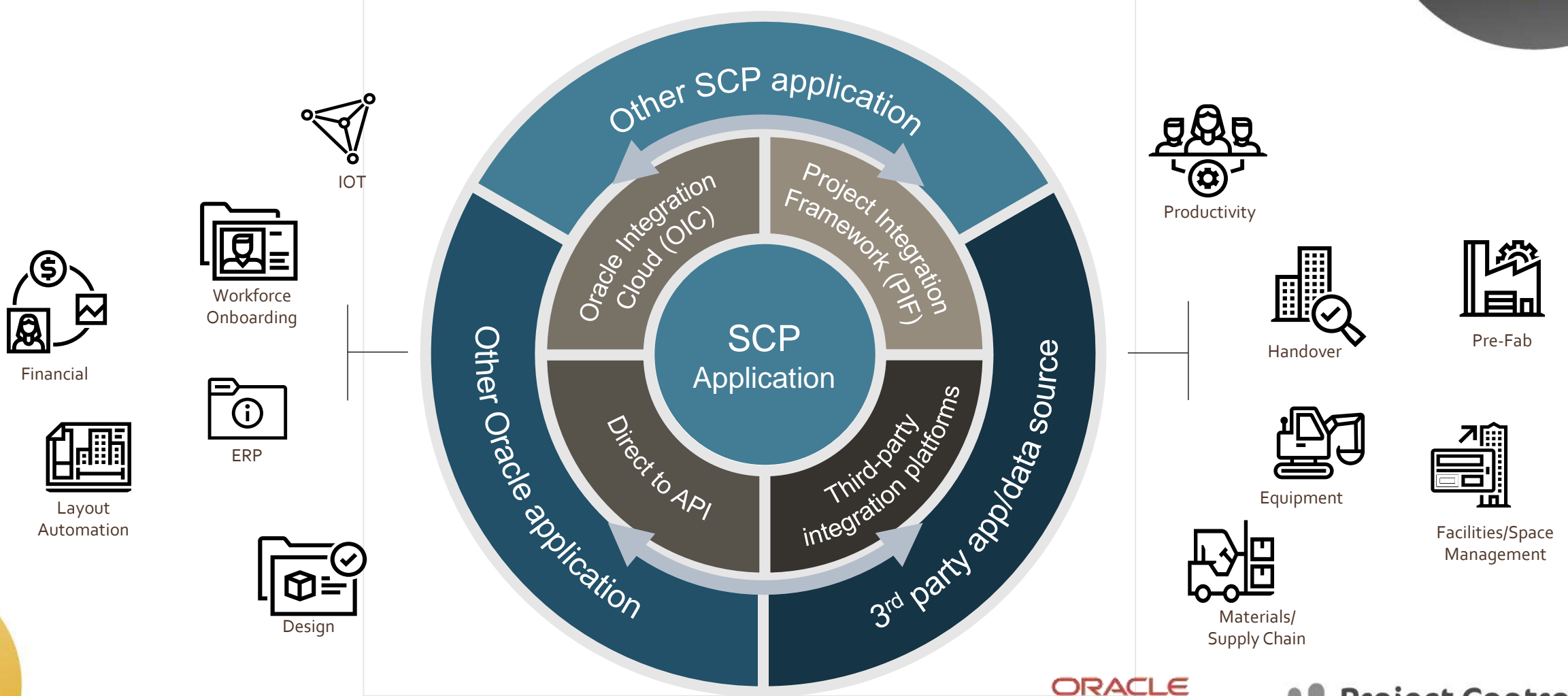
Oracle Construction Intelligence Cloud

Empower with insights + intelligence

- Unlock and democratize data

- Predictive intelligence to mitigate risks, prevent rework & cost overruns

- Analytics to enable learning from past projects and drive continuous improvement

- Establish unique business analytics for your projects & enterprise

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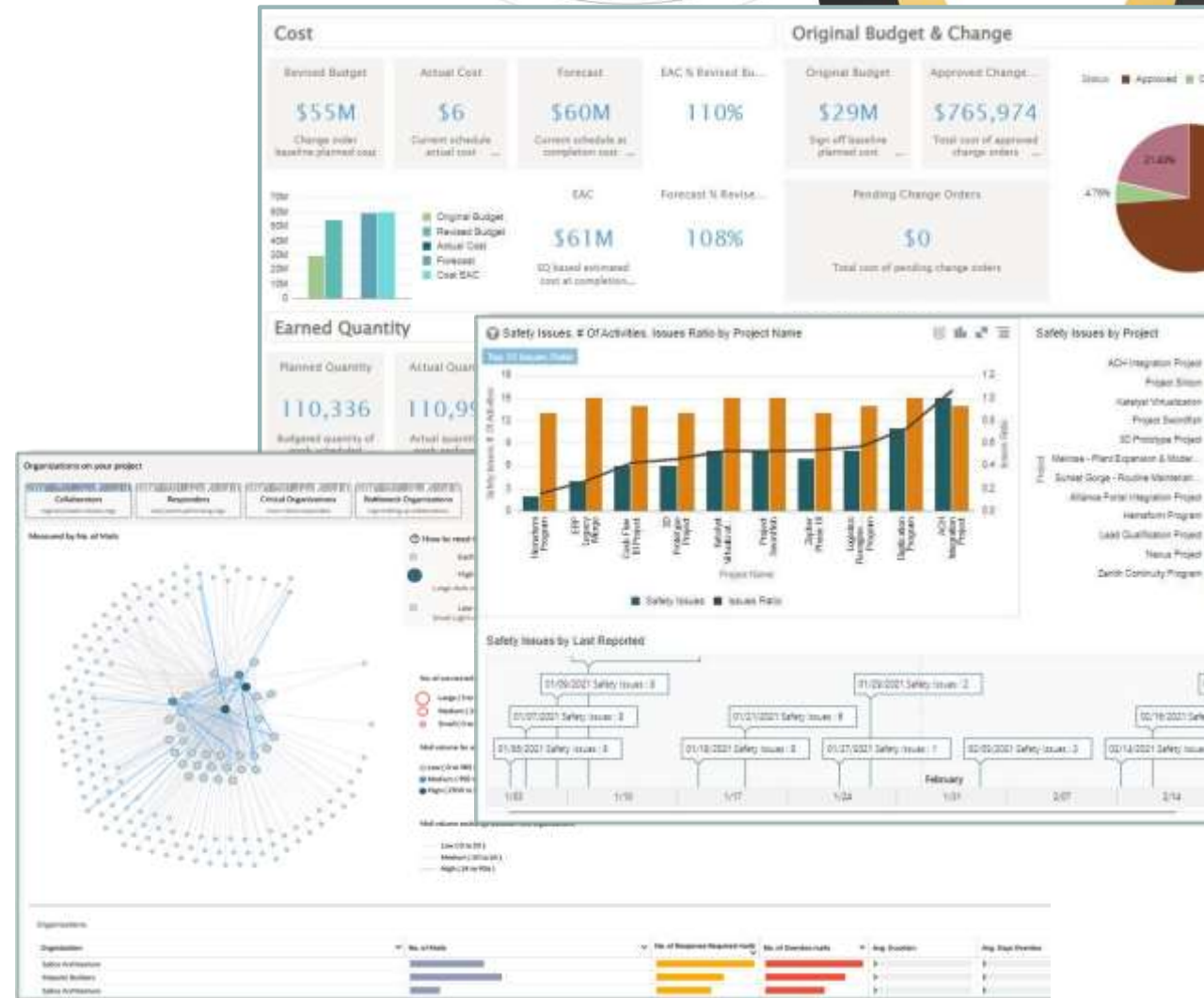
Lobby

- Unified authentication (SSO)

- Convenient App navigation

- Link projects & data for Owner & Delivery Team Apps

- Manage your digital transformation with platform administration & analytics across subscriptions

- Bulk user uploading for Lobby migration

- Built on Oracle's award-winning Redwood user experience design system

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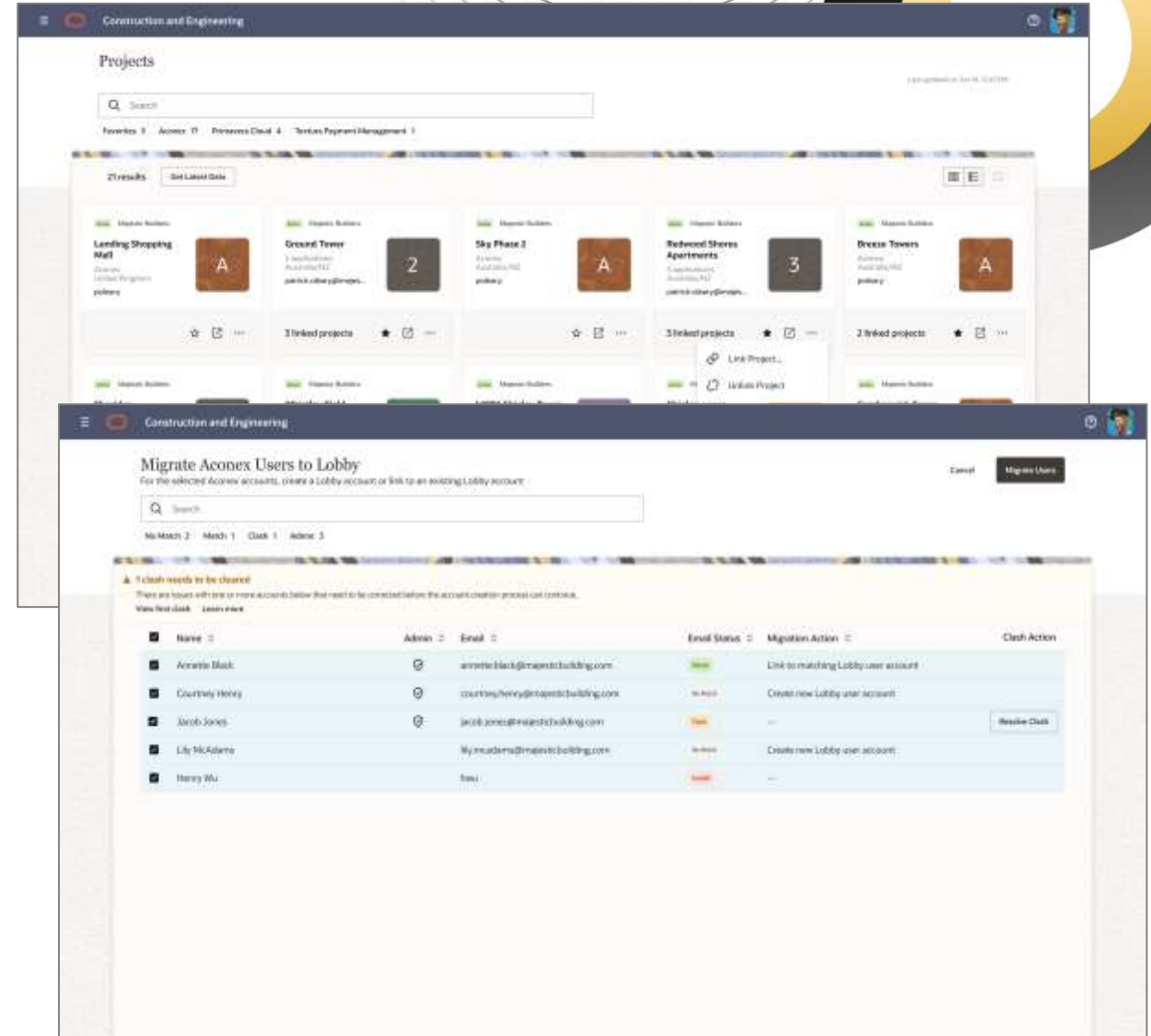
Introducing Model Coordination & Clash in the Cloud

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Addressing Coordination Challenges

Project coordination today is

Fragmented & Siloed

Projects have many CDEs for specific tasks without any integration

Siloed information is hard to manage

Projects are at risk

Inconsistent processes across multiple CDEs lead to errors and disputes

Scattered information across CDEs produces

Lack of transparency

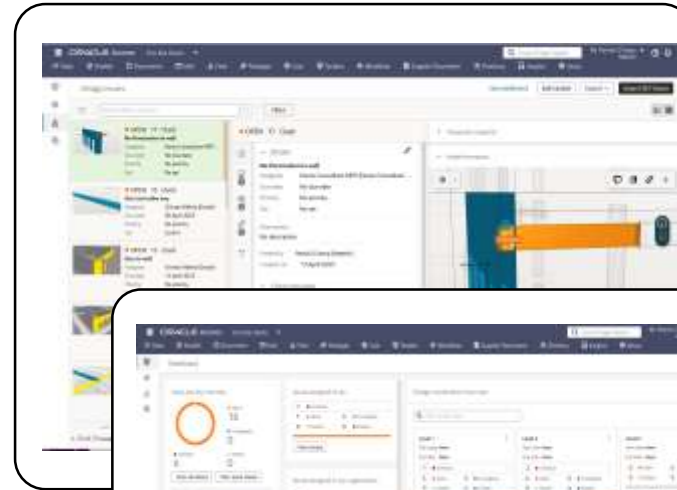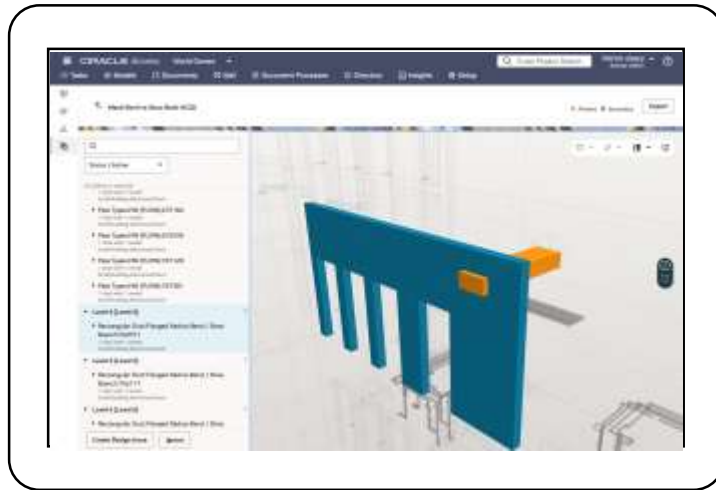Leading to misunderstandings that create slower processes and decisions

Synchronize Design Coordination

Share Model Information

Automated Design Verification
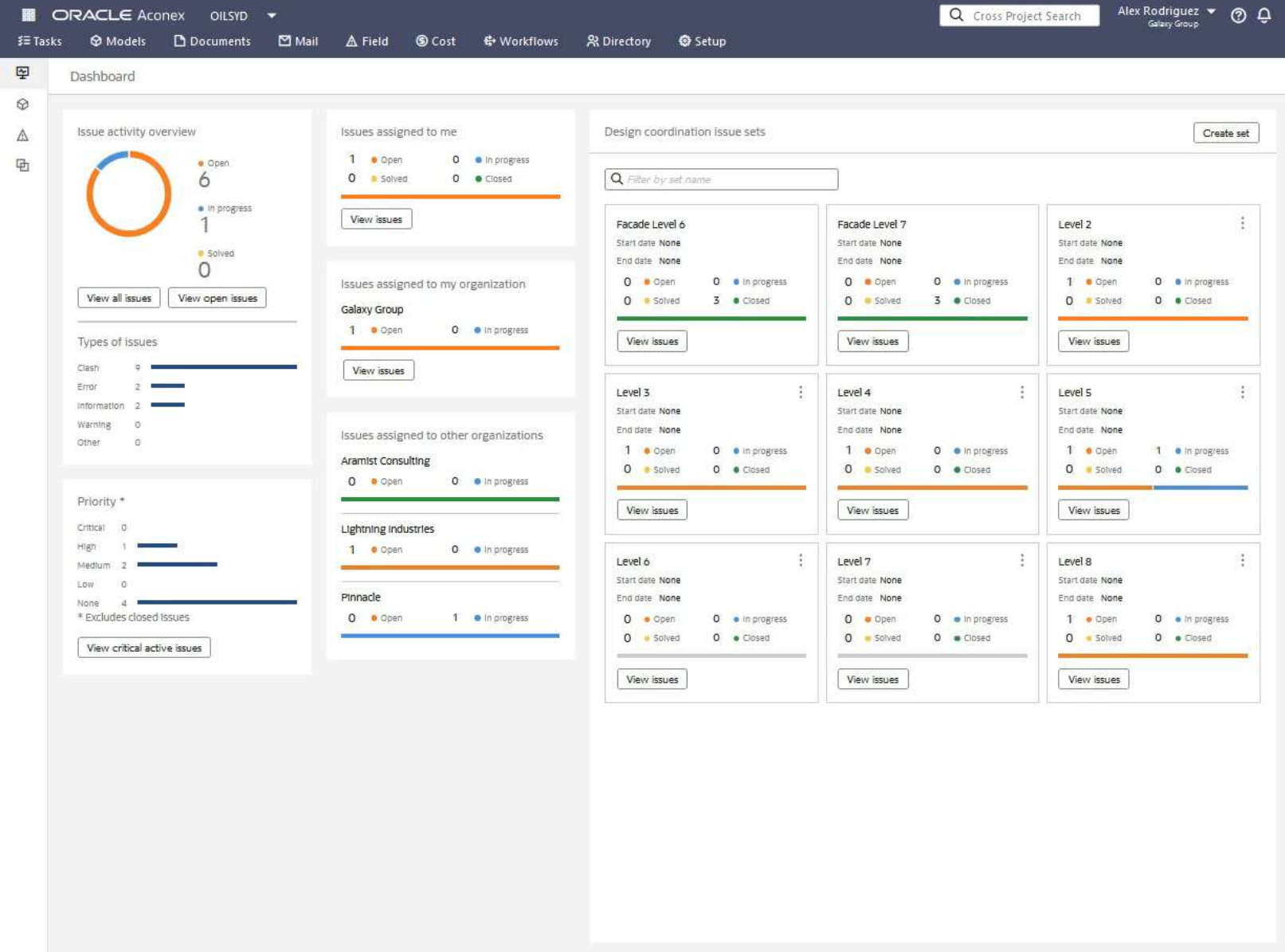
Conflict Resolution

Manage Design Change
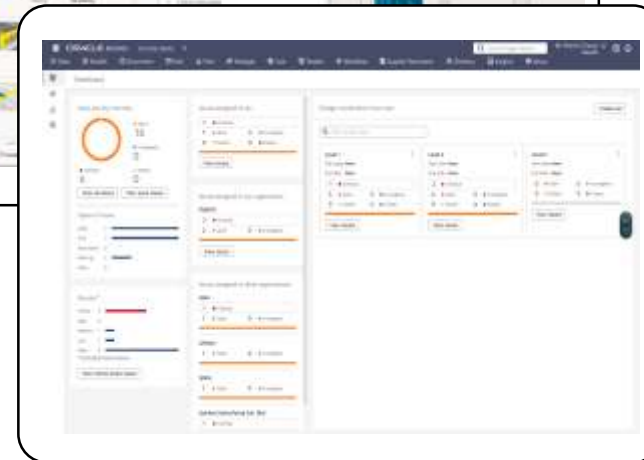
Communicate change

Updated Design Models

- ✓ Eliminate manual steps
- ✓ Increase efficiency
- ✓ Reduce risk of rework
- ✓ Improve visibility

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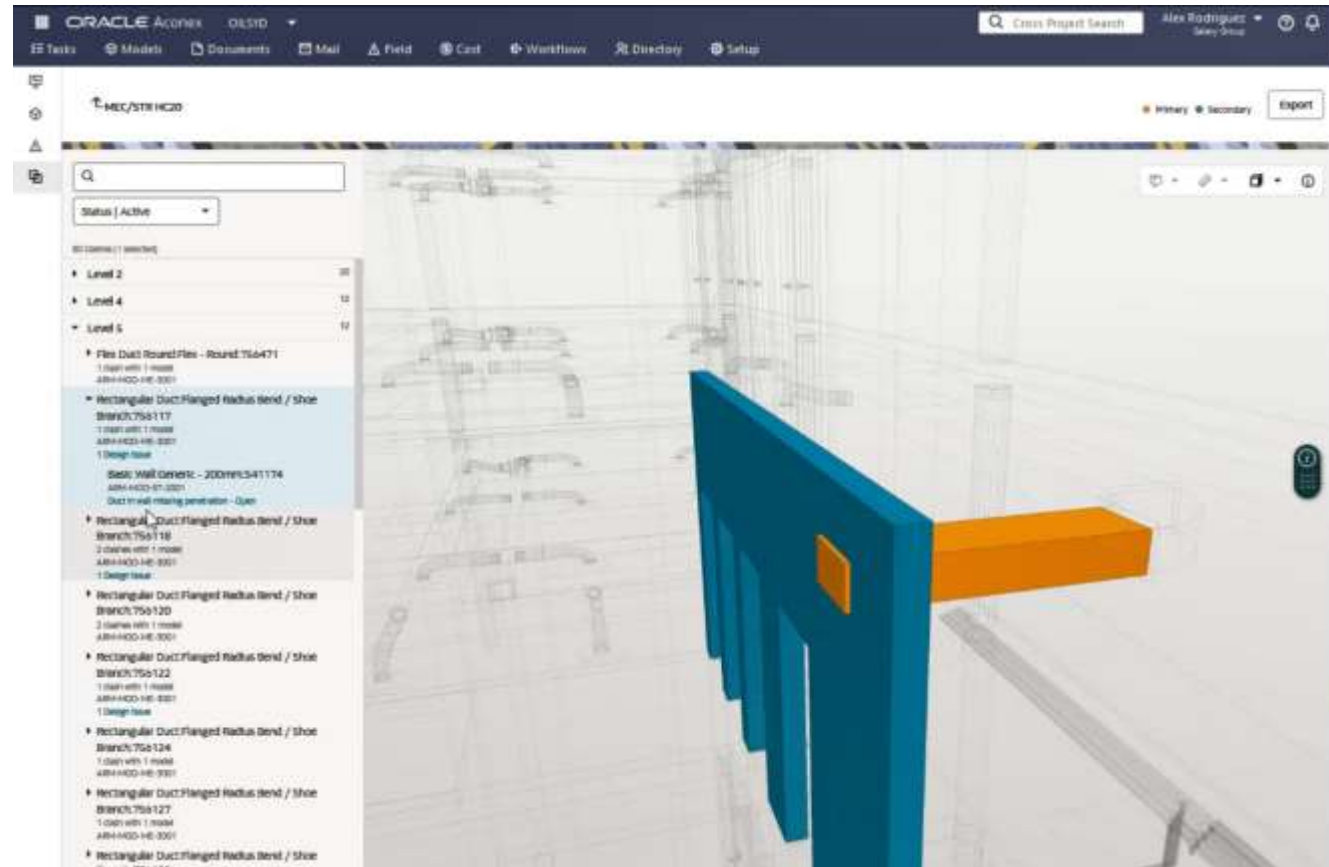# Smart Construction Platform

with **Model Coordination & Clash in the Cloud**

not only facilitates early identification of design inconsistencies and spatial conflicts but it also helps streamline communications between project teams, changing today's understanding of project collaboration

Oracle Smart Construction Platform
Improving construction quality with Clash in the Cloud

- **Reduces rework and accelerates the coordination workflow** by breaking down data-silos of point solutions and increasing transparency across teams.

- **Equips project teams and all stakeholders** with the power of clash automation. Improving overall project efficiency by simplifying processes.

- **Transforms** project collaboration by extending the design process to all project stakeholders.

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Oracle Smart Construction Platform
Drive performance, predictability, continuous improvement

Applications

Owners & Delivery Teams
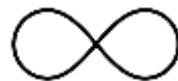
Global best-of-breed

Partner network

Interoperability

Optimized re-engineered process

OOTB integrations

Customized integrations

Data & Technology

Designed for data

All dimensions of data

State of the art technologies

Enterprise Impact

Enable enterprise digitalization

Innovation labs & ecosystem

Security & performance

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