



ORACLE

Construction and
Engineering

Smart Construction Platform for Owners

Drive performance, predictability, continuous improvement across your project and asset lifecycles

Huw Cole

Raise your expectations!



Owner involvement

Project success and portfolio success

- **Participation** in all phases
- **Informed** decision making
- **Alignment** with organizations' goals



Capital program management



Select the right projects



Execute projects successfully



Maintain built assets efficiently

3 steps to cash optimization and capital budget maximization



Drive consistency to gain control across your portfolio

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Become an integral part of your project teams



Harness data to inform decisions and empower actions across your portfolio

The Evolving World Of Platforms

Point Solutions Solved Targeted Pain Points

- ✓ Basic Efficiencies
- ✓ Std Workflows



Individuals &
Departments

First Gen Platforms Connected Teams

- ✓ Faster Decisions
- ✓ Fewer Errors



Project
Teams

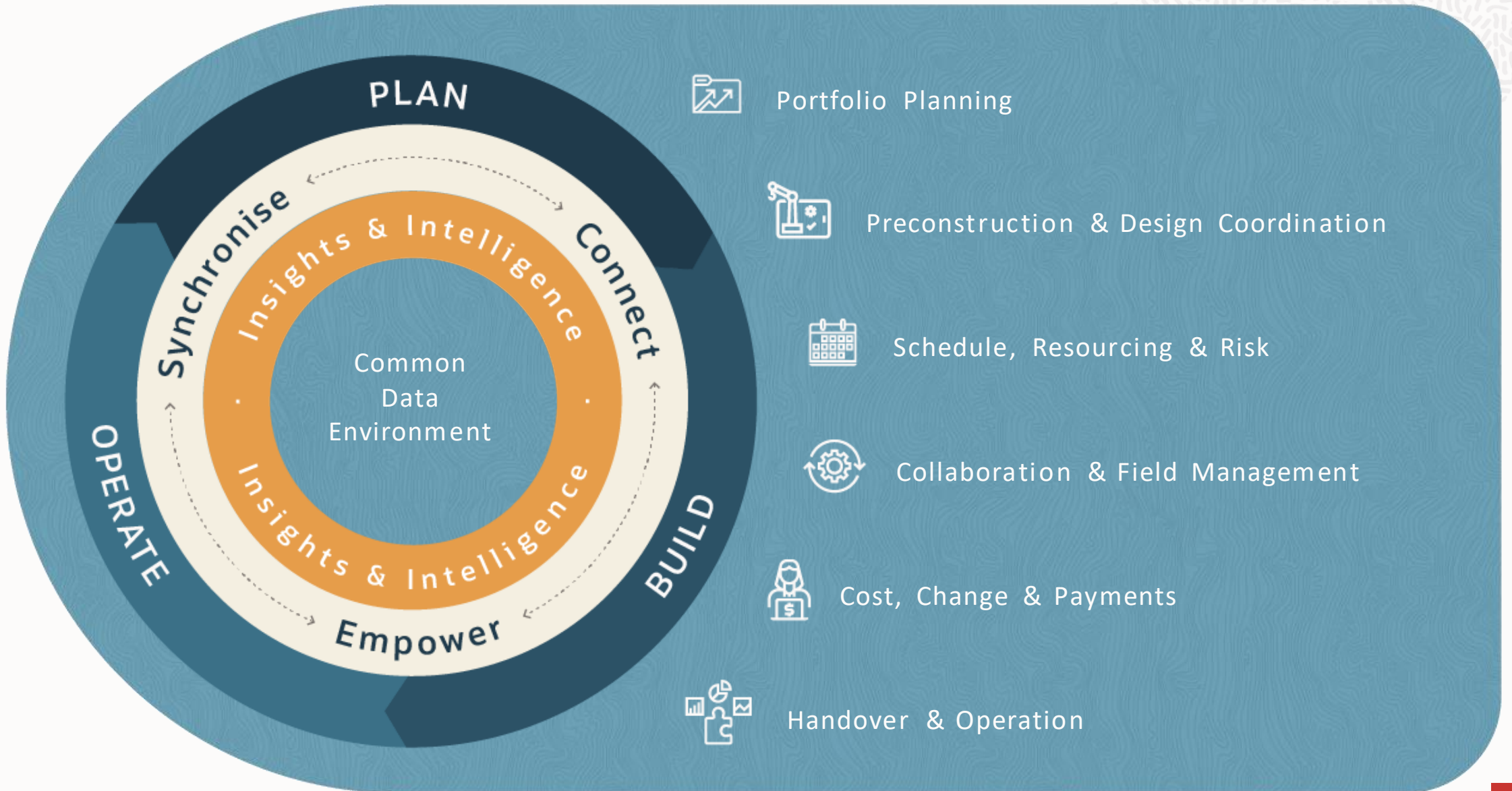
Intelligent Platforms Empower & Synchronize

- ✓ Unlock Data
- ✓ Automate Processes



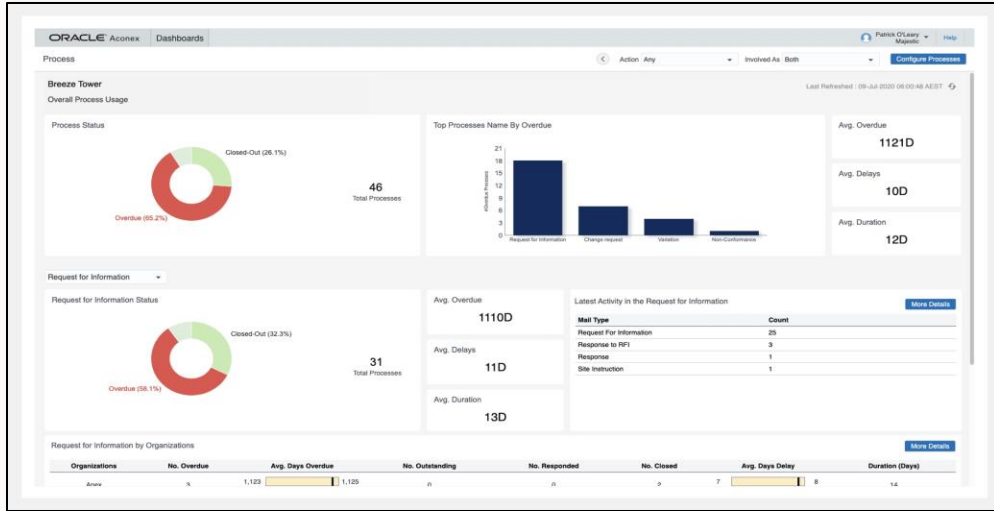
Highly Responsive
Ecosystems

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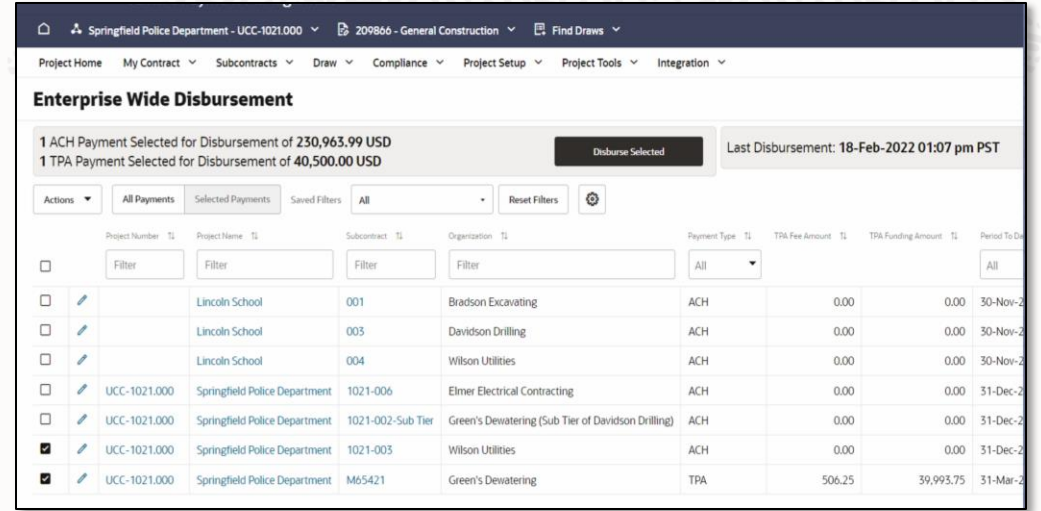


Get the right data from your project teams

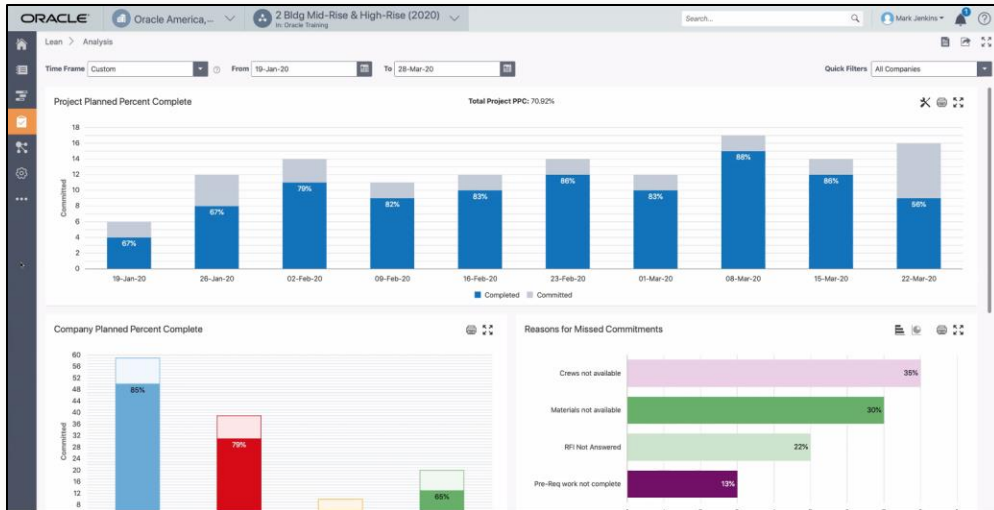
Process and workflow status



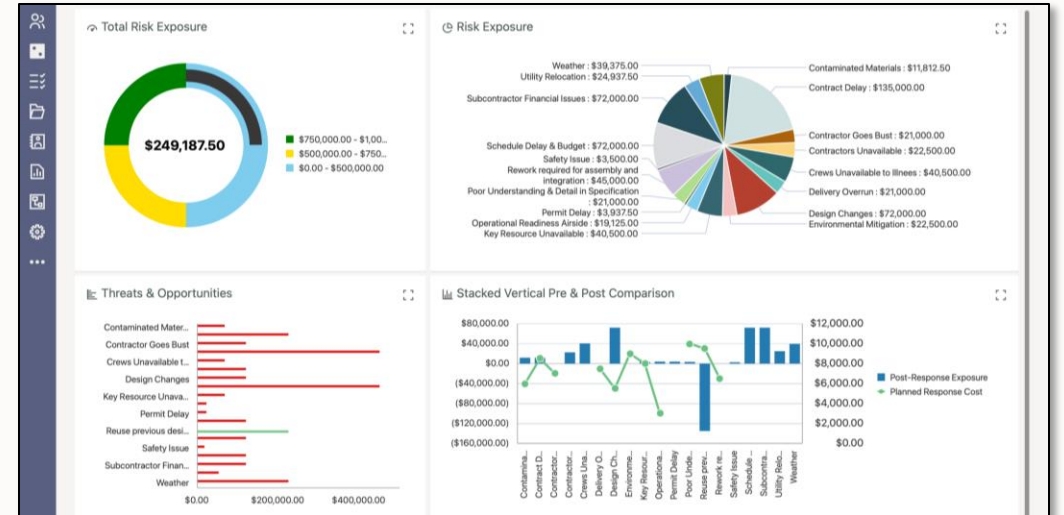
Subcontractor billings and payments



Schedule health

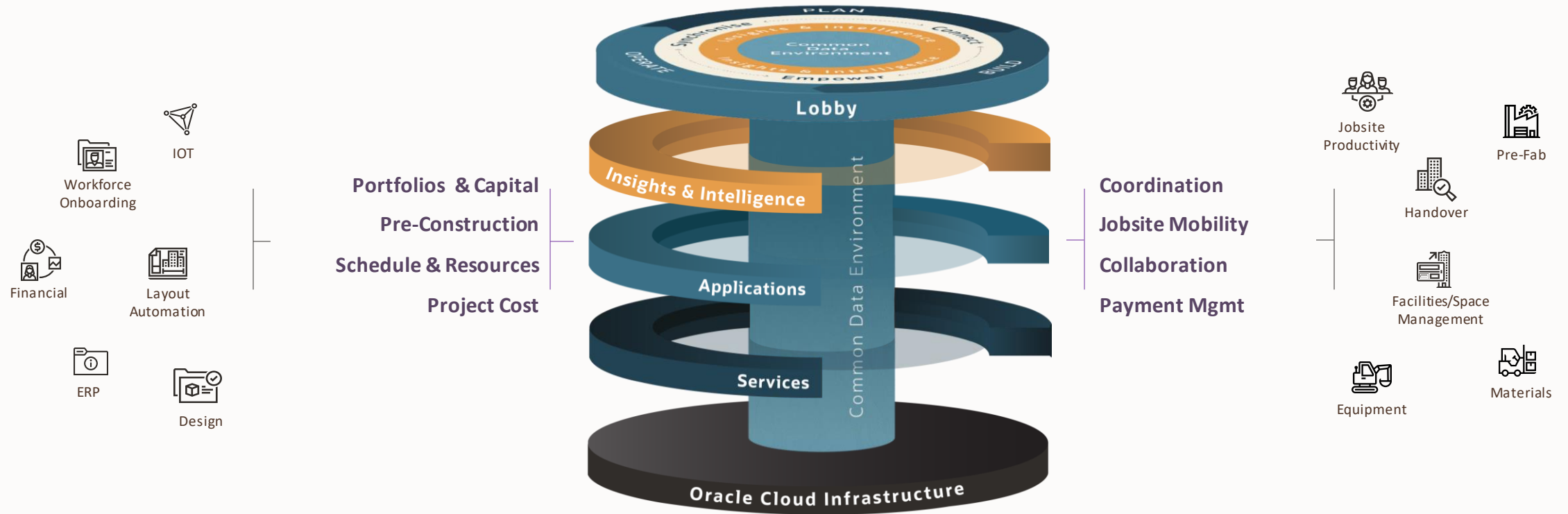


Risk landscape



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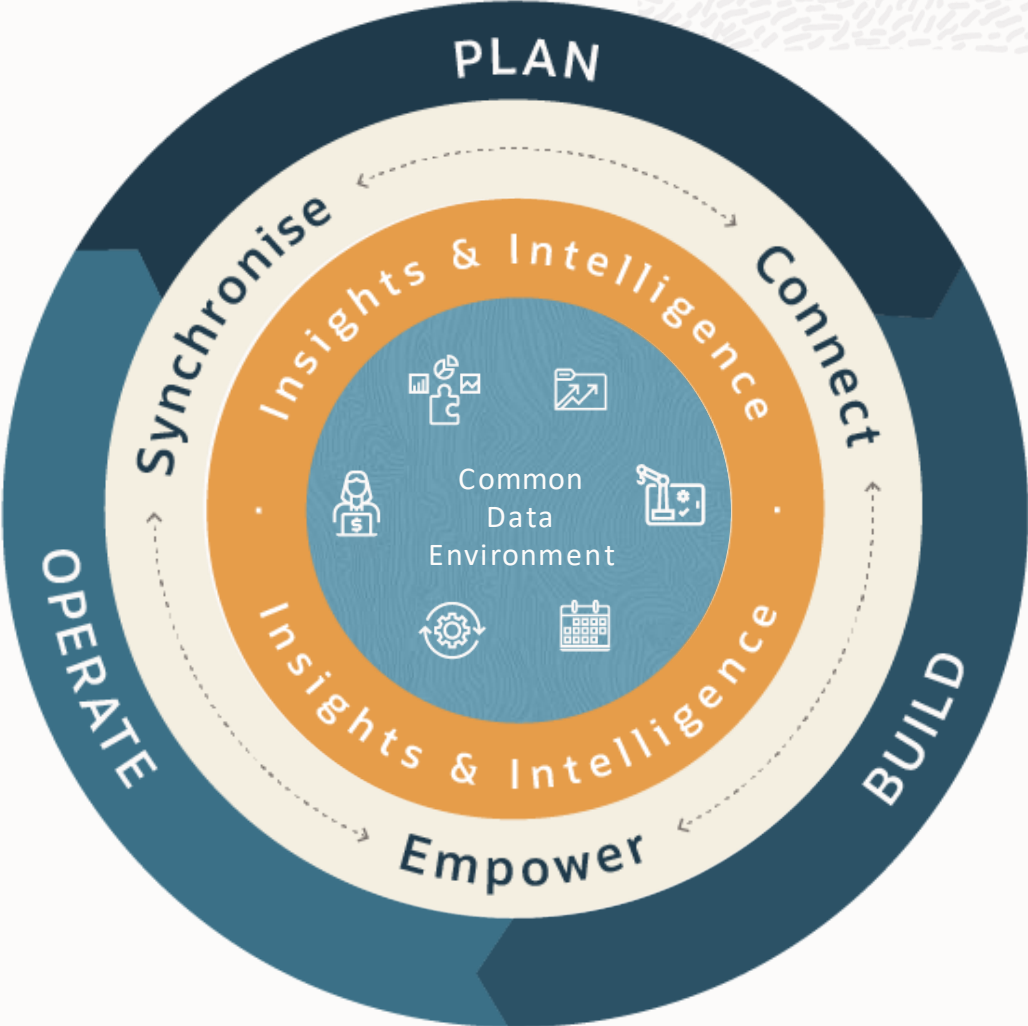
Connect, Empower, Synchronize



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Intelligence

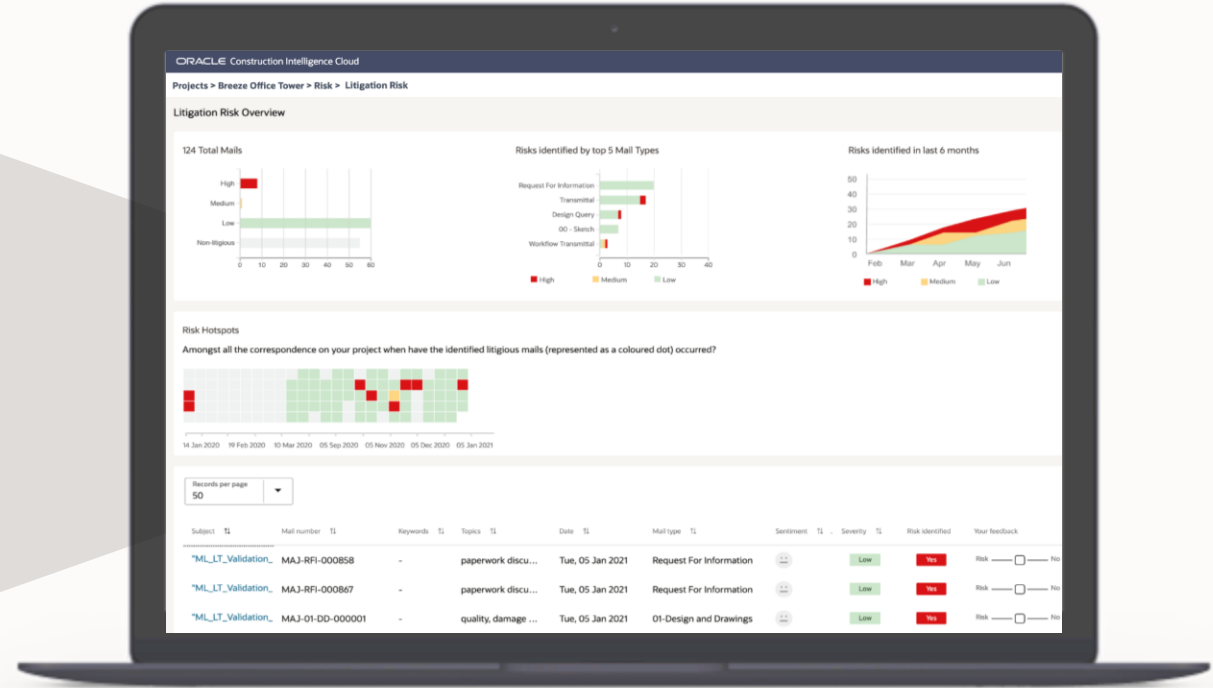
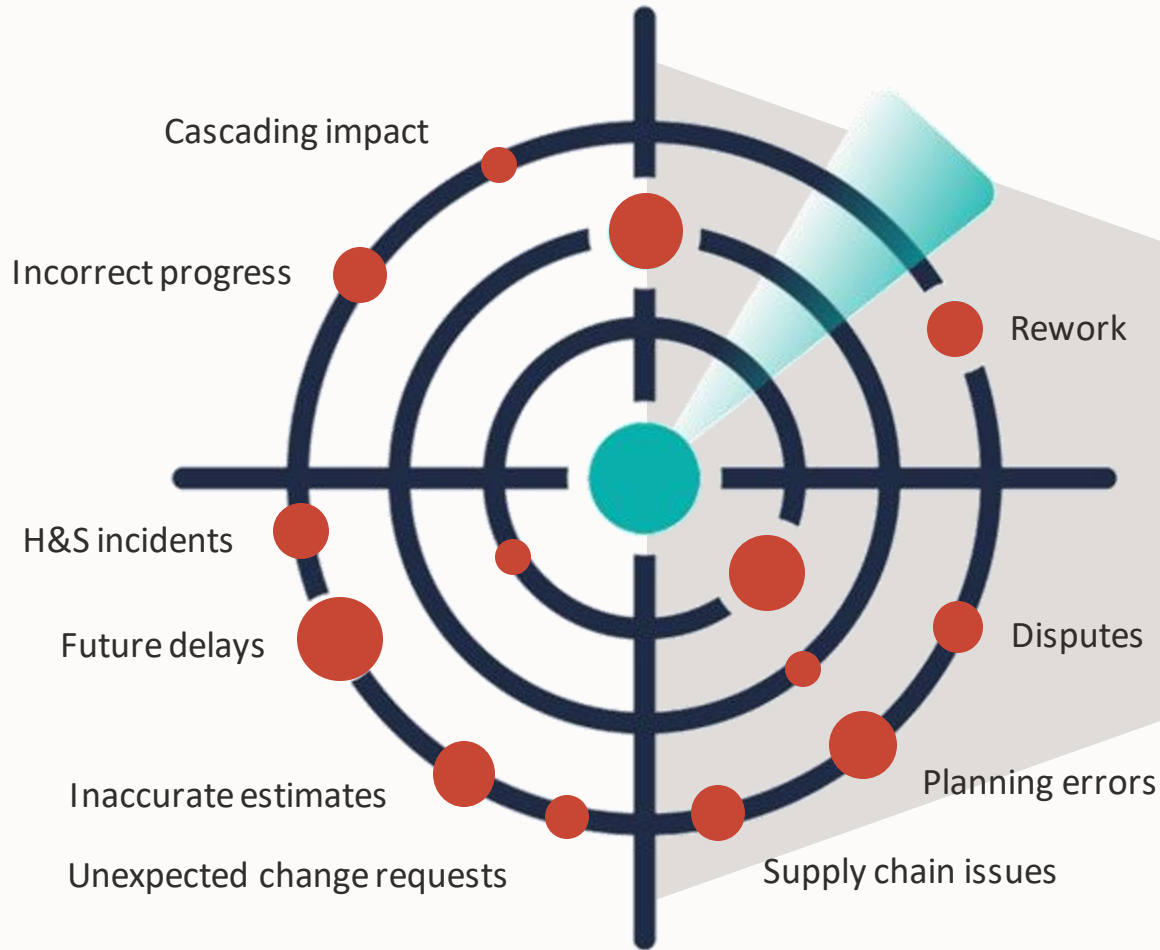


Digital Twin



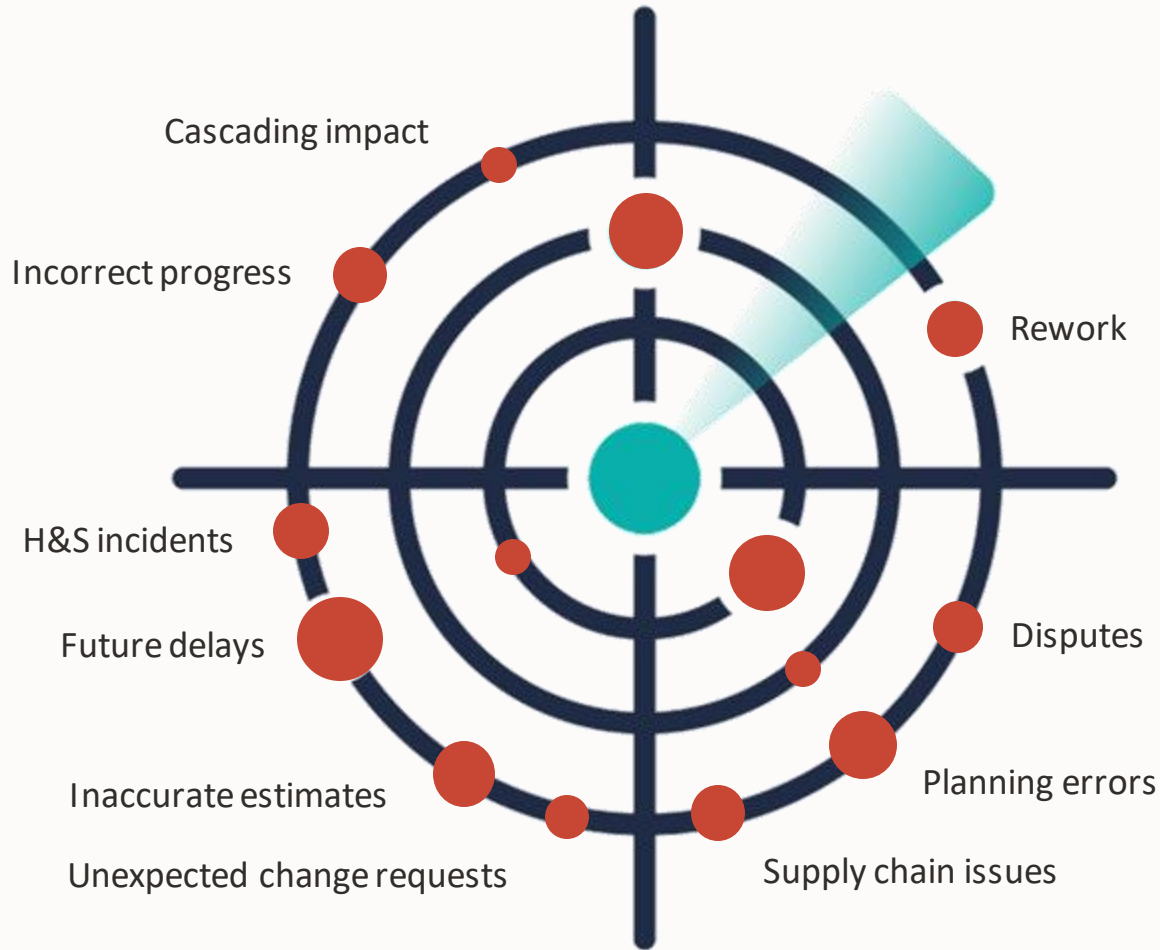
Construction Intelligence Cloud Advisor

Empower your projects with continuously monitoring “risk radar”



Construction Intelligence Cloud Advisor

Empower your projects with continuously monitoring “risk radar”



Predict project & activity delays

Take proactive actions

Uncover hidden risks

Raise early warnings

Learn from past projects

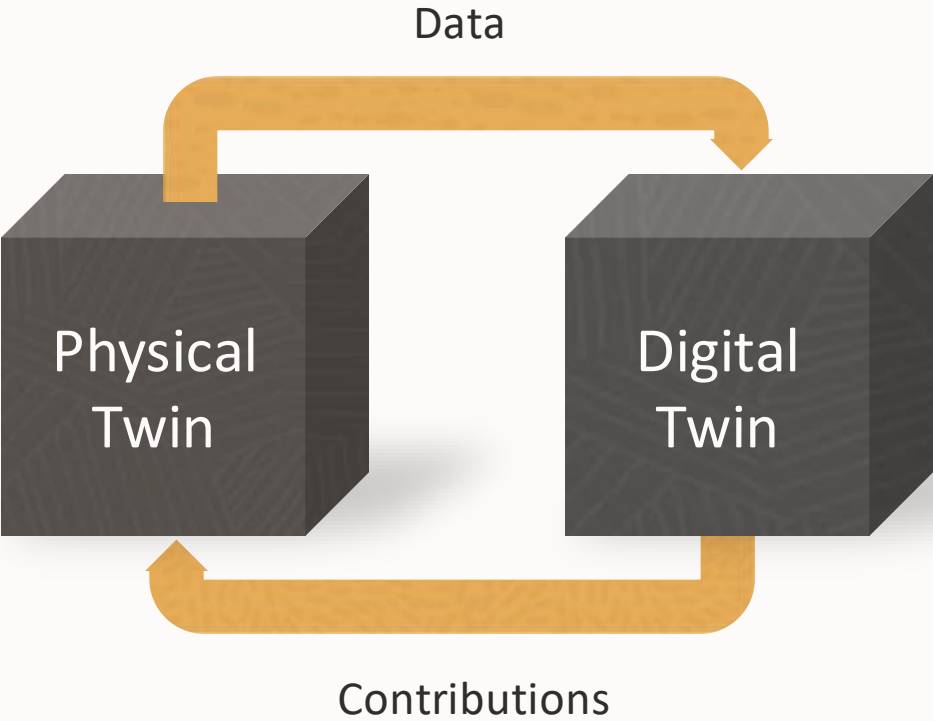
Benchmarks to drive continuous improvement



What do you need for a successful Digital Twin?



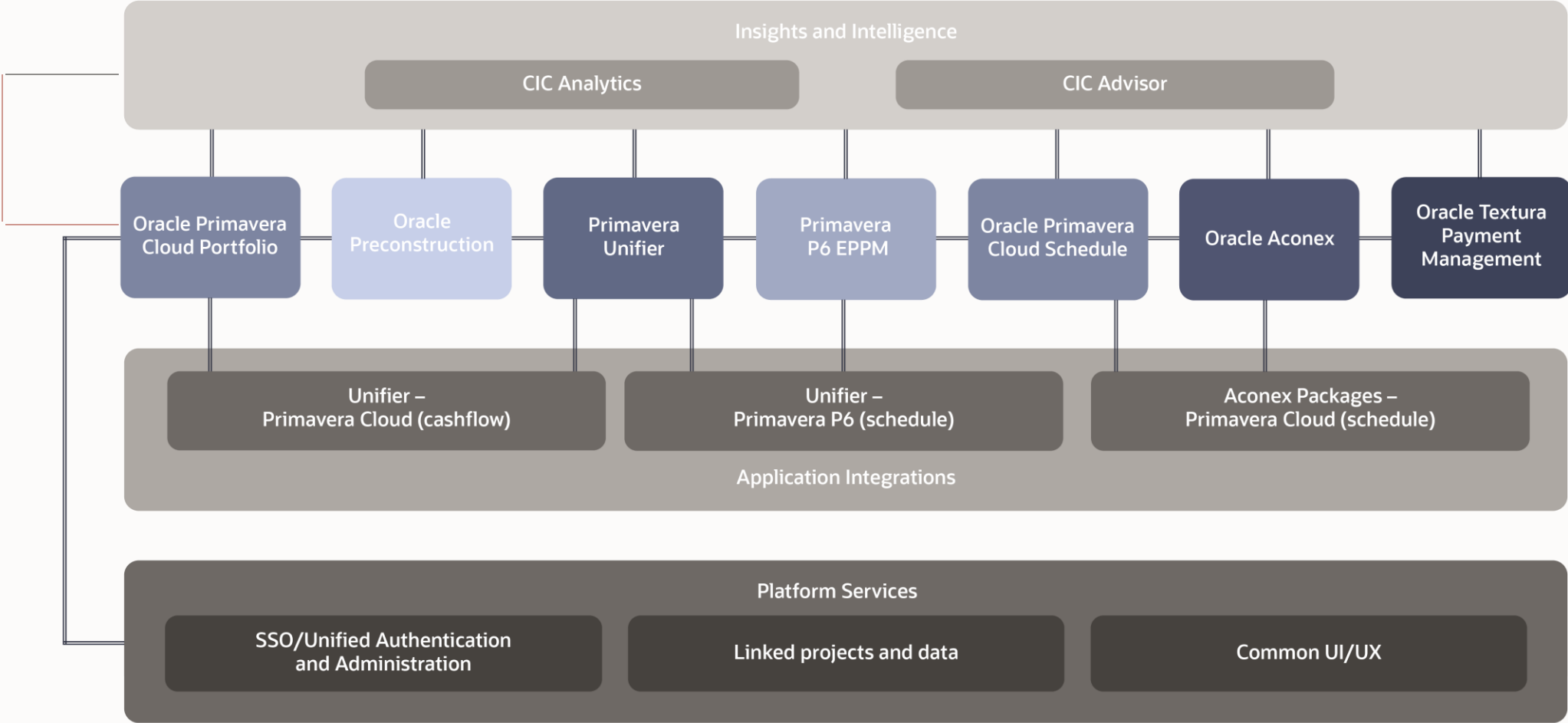
- Design Decisions
- Construction Decisions
- Scans and Photos
- Financial Records
- IoT Sensors
- ...



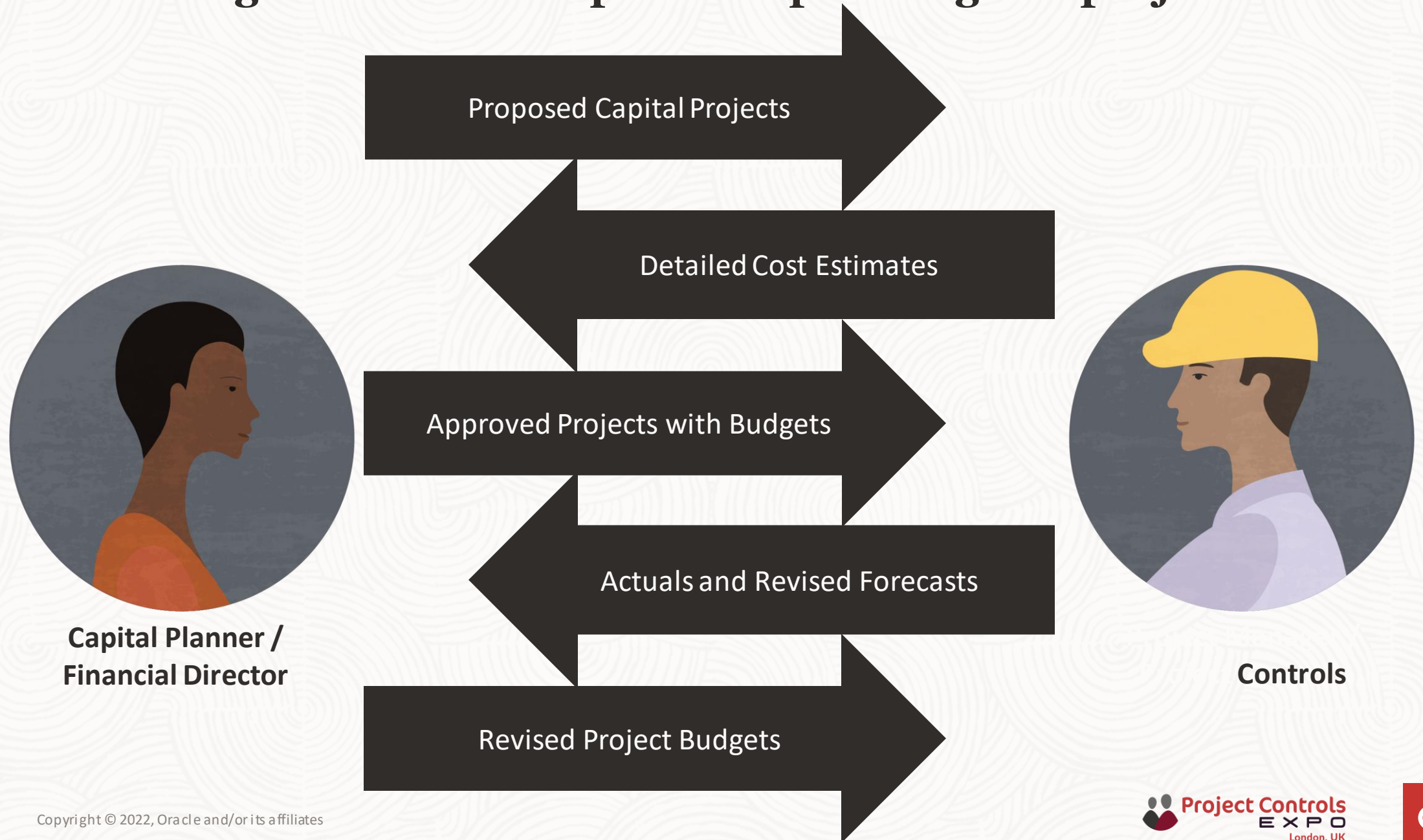
- Databases
- Master Data Management
- Big Data
- Internet of Things
- Machine Learning
- ...



The power of connections



Cashflow integration between portfolio planning and project execution



Primavera P6 EPPM and Primavera Unifier

Integrated cost and schedule management

Create New Budget Approval

Send Save

Budget Approval **Line Items**

Add Refresh Print Search Filter

| No. | CBS Code * | Code Name | Short Description * | Item Quantity * | Unit of Measure | Item Unit Cost * | Amount |
|-----|------------|---------------------|-----------------------|-----------------|-----------------|------------------|--------------|
| 003 | 02 70 00 | Water Remediation | Water Lines Instal... | 100 | m | \$35.00 | \$3,500.00 |
| 002 | 02 60 00 | Contaminated Sit... | Excavation | 32,300 | each | \$1.00 | \$32,300.00 |
| 001 | 02 50 00 | Site Remediation | Site Preparation | 129,696 | each | \$1.00 | \$129,696.00 |

| | | | | | | | |
|--------------|--|--|--|--|--|--|--|
| TOTAL | | | | | | | |
|--------------|--|--|--|--|--|--|--|

Total: 3

| ID/Code * | Name * | Schedule % Complete | Performa... % Complete | Schedule Performa... Index | Cost Performa... Index | Estimate At Completi... Cost | CBS |
|-----------|--------------------------------------|---------------------|------------------------|----------------------------|------------------------|------------------------------|---------------------------|
| EC1090 | Begin Building Construction | 100% | 100% | 0.00 | 0.00 | \$0.00 | |
| EC1100 | Site Preparation | 47% | 25% | 0.53 | 0.33 | \$129,696.00 | 90000~~02 00 00~~02 50 00 |
| EC1230 | Excavation | 0% | 0% | 0.00 | 0.00 | \$32,302.00 | 90000~~02 00 00~~02 60 00 |
| EC1320 | Install Underground Water Lines | 0% | 0% | 0.00 | 0.00 | \$3,960.00 | 90000~~02 00 00~~02 70 00 |
| EC1330 | Install Underground Electric Conduit | 0% | 0% | 0.00 | 0.00 | \$6,840.00 | |
| EC1340 | Form/Pour Concrete Footings | 0% | 0% | 0.00 | 0.00 | \$23,040.00 | |

Download

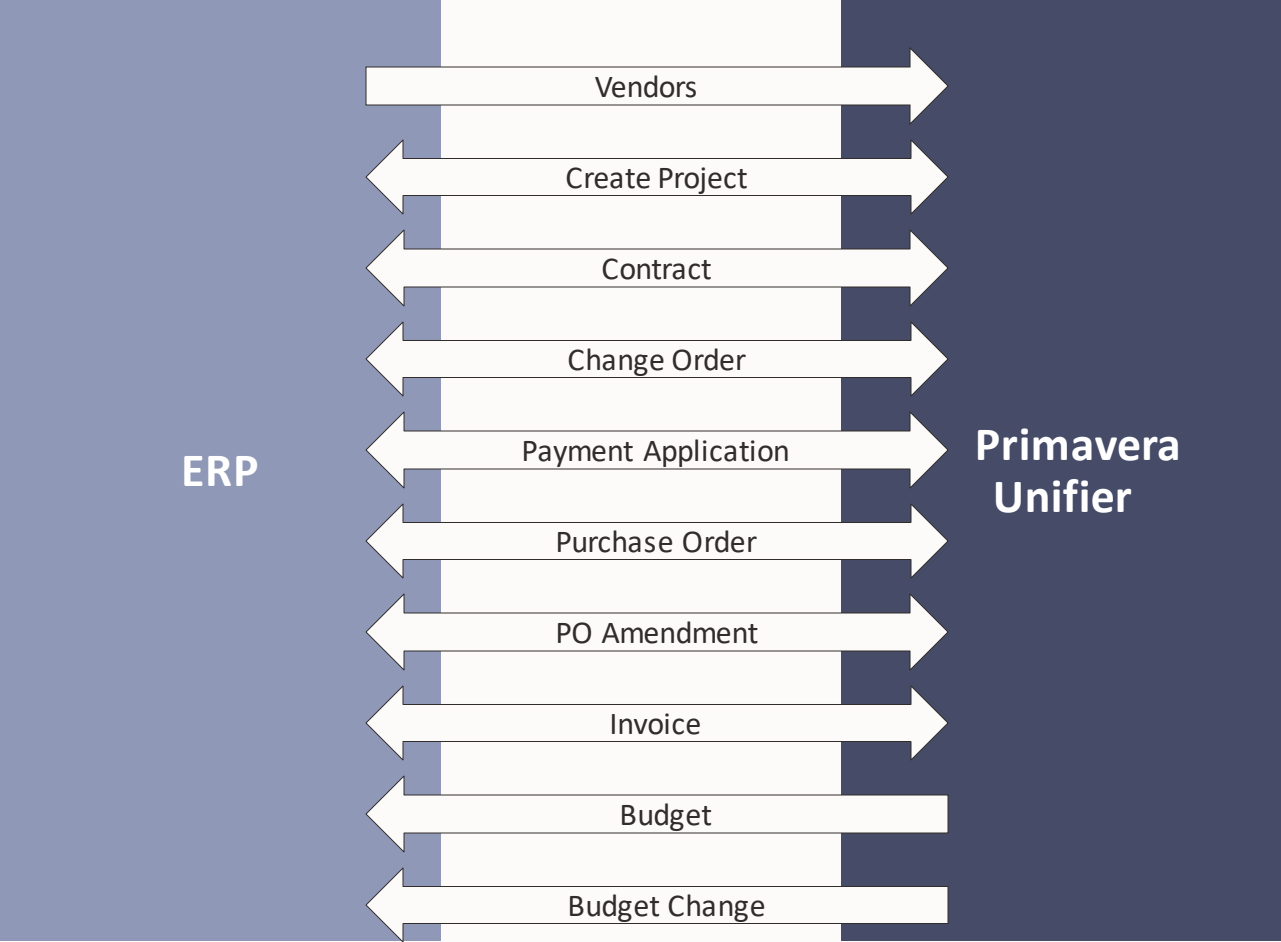
General Status Assignments Expenses Steps Codes **Discussion** Issues Notebooks Relationships Risks Update History Trace Logic Docur

+ Add Show All Sort Newest To Oldest Search

| Name * | Time * | Discussion Comment * |
|--------------|------------|---|
| admin | 02-Oct-... | OK. Hang on! I've mobilised the troops. Trucks with pumps are on the way. |
| Eben van ... | 02-Oct-... | We are knee deep in water. Need pumps urgently please! |



ERP - Unifier Integration



Thank you.

Visit Oracle's stand in the Expo area to learn more.

