

# Oracle Aconex Cloud Service

Oracle Aconex manages project information, communication and processes that require cross-organization collaboration at scale. Barriers to collaboration are eliminated, increasing system adoption, connecting teams and capturing a complete project record. Backed by an unalterable audit trail that minimizes disputes, Aconex keeps projects on track for successful delivery.



## One System for the Entire Project

Aconex provides a level playing field driving collaboration and the contractual exchange of project information. Every project organization has their own private workspace and owns their information, controlling access to this information. An unalterable audit trail captures every project decision, providing visibility and minimizing disputes. This builds trust, driving adoption and collaboration between organizations, creating a single and complete project record, eliminating the risks of data silos. A trusted and adopted platform, capturing complete process data, maximizes data quality, providing the visibility and control to better drive performance and improve processes.

## The Best for Project System

To maximize project performance, a system is needed that benefits all project organizations, which ultimately yields the best project outcome.

With Aconex all project organizations have access to the system and tools they need, everyone gets functionality to make their participation beneficial to them. One system captures, controls and manages all project information, correspondence and processes, incentivising cross organization collaboration.

When all project organizations willingly collaborate and benefit, then the entire projects benefits, helping to provide a better project outcome.

## Key Business Benefits

- One system for the entire project team, with strict information protections for each organisation.
- A level playing field drives trust, adoption, collaboration and data-exchange, creating a single source of truth.
- A complete, unalterable project record and audit trail creates accountability across teams.
- Configurable processes supporting activities across the project lifecycle provide control, efficiency, and visibility.
- Real-time version control prevents errors and ensures everyone is working with the latest information.
- Connect the entire supply chain, at both an internal and external level.
- Easy for project teams to work faster & more safely, without errors.
- In depth reporting and insights for continuous learning and process improvement.

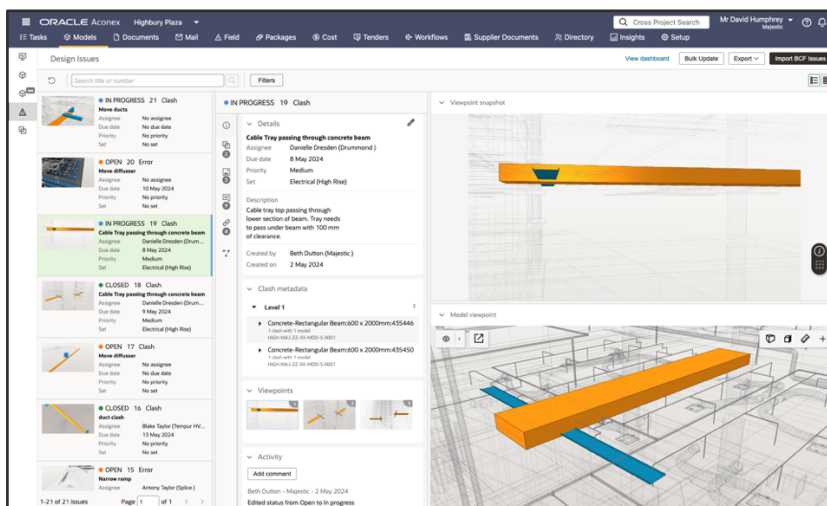


Figure 1. Oracle Aconex Model Coordination.

## Secure Process and Document Management

Easily manage millions of documents and models without limits on data or participants, including any size, type, or number of files:

- A central document register with configurable data fields provides a single source of truth, eliminating risks from multiple data stores.
- Strict version control avoids errors by ensuring everyone is working off the latest documents and information.
- Quickly and easily find the right information using metadata-based search. There's no complex folder structure that's difficult to understand and maintain, creating confusion around versions.
- Custom workflows standardize and automate review and approval cycles, boosting control, accelerating turnaround time, and improving data capture.
- Workflow tracking and reporting provides visibility and real-time analysis to identify and action bottlenecks before they cause delays.
- Work packaging makes it easier to track and control processes, from design and construction to sign-off and completion.
- An unalterable audit trail permanently tracks and captures all project actions and decisions.

## Integrated Review Management

Eliminate the reliance on spreadsheets and manual point solutions with a structured and streamlined process for end-to-end reviews, with integrated comment management and an automated review matrix.

- Comment management facilitates review collaboration with a more efficient resolution process, for documents, 2D drawings and 3D models. Working across all project organizations, it's easy to track reviews and report on progress and status.
- An automatic review matrix initiates a specific approval flow based on the metadata of the review document / drawing - providing quality assurance and re-assurance that the correct review process is being adhered to.

## Advanced Communication and Forms

Avoid the limitations of manual correspondence with a standardized digital process providing project-wide access and visibility. From designing forms to creating fields, configure Aconex to your processes and capture the right data in the right format:

- Mail routing automates business processes, ensuring best practice and minimizing the chance of human error.
- Easily track process communications, keep up to date on progress, avoid bottlenecks, and cut RFI turnaround times by 50%.
- The contractual system of record for the project – Easily document, record and track all contractual commitments, correspondence and actions.
- Unlike traditional email, correspondence using Aconex Mail is automatically logged and cannot be deleted or altered after the fact. Mail threading provides a complete, unalterable record and audit trail.

## Jobsite Mobility

Real time collaboration and control of jobsite processes from one integrated app. Capture, track and distribute information, from anywhere on the jobsite:

- One integrated app to manage documents, correspondence, models and inspections.
- Real time collaboration with access to the latest data and drawings.
- Fully integrated with Aconex, providing a single and complete project record.
- Automate / standardize any inspection with Aconex Field.
  - Tailor issue capture to your needs and capture the data that's most important to you, including defects, snags, daily reports and punch lists.
  - Keep using your existing forms exactly as they are and complete them in Aconex Field, eliminating paper inefficiencies.
  - Inspection and test plans (ITP) define the scope, approach, and workflow management for testing activity. Develop and execute inspection and test plans with the accuracy, efficiency, and accountability your projects need and meet all quality and safety requirements.
  - Leverage real-time health and safety data to keep teams accountable and demonstrate compliance with regulatory requirements.
  - Minimize delays and risks by recognizing red flags early with in-depth visual dashboards that provide insights at the portfolio, project, or organizational level.

## Simplified Model Coordination

Connect teams, models, and project data in a secure collaborative environment, no additional software is required:

- Upload model files and seamlessly view, federate, navigate, section, and share models, with authorized project participants able to view with zoom, rotate, pan, and section.
- Easily import and open Revit files directly within Aconex.
- Use comprehensive issue and clash management to support the end-to-end coordination process.
- Perform seamless design issue capture, management, and resolution.
- Use built-in clash detection that automates the identification of clashes, improving the quality and efficiency of models.
- Raise design issues with automatic resolution and connect to a request for information all within Aconex.
- Interrogate and visualize clashes in the online viewer.
- Plug in integrations to authoring and model-checking tools.
- Integrate process support with a full audit trail across the supply chain.

## Complete contract and change management

Collaboratively manage contracts across the supply chain and streamline change management. Gain visibility into budgets, forecasts, and projective outcomes to enable early corrective action:

- Track commitments (downstream sub-contracts) and revenue (from upstream contracts).
- Collaborative contract change and payment processes speed up and keep more accurate records.
- Use industry standard ways to measure progress, calculate forecasts, and report on your projects financial status.
- Keep budgets and schedule in sync using one-click integration with Oracle Primavera P6 Enterprise Project Portfolio Management.

## Oracle Aconex Project Data Archive

A complete, accurate project record, instantly retrievable and fully searchable:

- Securely access a central record of all captured project documents and communication on-premise, or in the Cloud.
- Control and manage risk by better supporting quality assurance requirements and avoiding, or more quickly resolving, claims and disputes.

## The Aconex Difference

- A neutral system, Aconex provides a level playing field, eliminating barriers to collaboration, increasing adoption and usage, capturing a complete project record on one system.
- An unalterable Audit Trail tracks and captures every project decision, ensuring accountability and minimizing disputes.
- A trusted platform and rock-solid audit trail drives adoption, visibility, a single source of truth and minimizes disputes.
- Manage end-to-end lifecycle processes. Connected processes and data drives performance, insights, continuous learning and control.
- Secure and compliant, meeting the highest security standards.
- Quick time to value - fast to deploy, easy to configure, up and running in days.

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