ProjectPro

ORACLE® Aconex

Unified Digital Foundation for Smarter Construction

Where All Your Systems Connect and Collaborate

Overview

Construction and infrastructure projects are becoming more complex, with increasing pressure to deliver on time, on budget, and with reduced risk. Fragmented teams, siloed data, and poor communication can result in costly delays and disputes.

Oracle Aconex addresses these challenges by providing a single platform where all project participants can collaborate openly, share information securely, and access a complete project record—anytime, anywhere.

This white paper explores how Oracle Aconex empowers your project teams with better control, transparency, and outcomes from day one.

Driving Adoption Through Simplicity
One of the greatest barriers to successful digital transformation in construction is user adoption. Aconex is designed with simplicity and ease of use at its core:

- **Intuitive Interface**: No complex onboarding required—teams get up and running quickly with minimal training.
- **Role-Based Workspaces:** Each participant sees only what they need, reducing clutter and focusing attention.
- **Cross-Organization Collaboration:** No matter how many stakeholders are involved, Aconex facilitates a clear, consistent communication flow across disciplines and borders.

The result? Faster adoption, higher engagement, and better project outcomes.

Full Project Lifecycle Support
Oracle Aconex supports the entire project lifecycle, from pre-design to handover and beyond:

- **Design & Planning:** Centralize design documentation and collaborate with consultants, designers, and engineers in real time.
- **Construction & Execution:** Use configurable workflows, daily reports, and field tools to track progress and compliance.
- **Commissioning & Handover:** Package handover documents digitally for a faster, smoother project closeout.
- **Operations & Maintenance:** Provide asset owners with a complete, structured digital record for facilities management and future renovations.

Key Benefits of Oracle Aconex

- **Total Project Visibility**

Oracle Aconex connects all stakeholders on one centralized platform, delivering real-time access to documents, workflows, and communication threads. This 360-degree visibility enables faster decision-making, reduces project delays, and keeps teams fully aligned from design to handover. Whether you're managing RFIs, submittals, or approvals, you'll always know the status of every task—improving accountability and minimizing the risk of missed deadlines.

- **Collaborative Ecosystem**

Aconex is built for large, multi-organization projects where collaboration is critical. Each organization retains control over its data while working within a shared environment that supports transparency and trust.

With role-based permissions, automated audit trails, and traceable communication, teams can confidently share information, track approvals, and ensure everyone is operating on the same page—regardless of location or company affiliation.

- **Secure Document Control at Scale**

Manage millions of files—plans, BIM models, drawings, reports, and more—without limits on file size or type. Aconex's document control features include:

- Strict version control to avoid rework
- Permission-based access to sensitive content
- Secure sharing with full traceability

Every document is stored in a secure, centralized environment, reducing duplication, confusion, and costly errors due to outdated files.
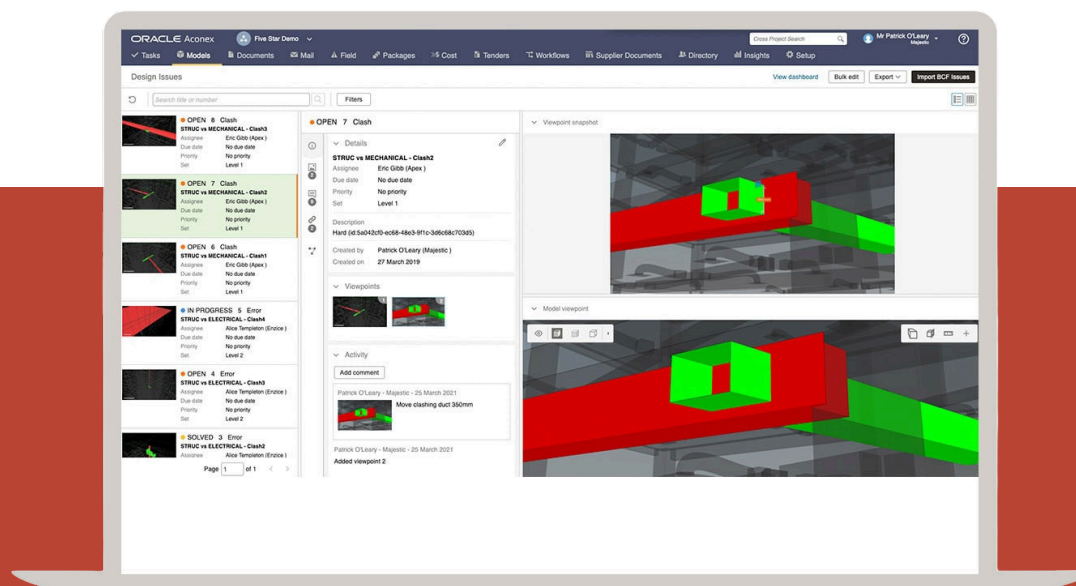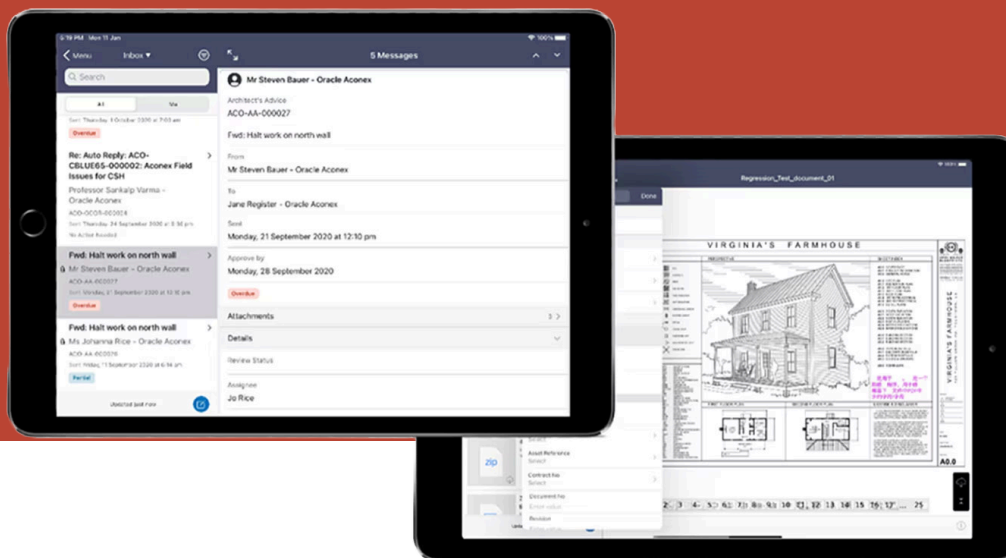

Figure 1: Simplify BIM model coordination, connecting teams, models, and project data in a neutral and secure collaborative environment.

Figure 2. Automate and standardize any inspection process with Aconex Field—one mobile app for safety walks, quality checks, defecting, and more.

- **Actionable Insights for Better Decisions**

Gain a powerful advantage with real-time dashboards and reporting tools that offer a window into project health and team performance.

Track key metrics such as response times, overdue items, workflow efficiency, and team accountability. Use these insights to identify and resolve issues before they escalate—enhancing predictability, efficiency, and cost control.

- **Enterprise-Grade Security & Compliance**

Oracle Aconex is backed by Oracle's globally trusted cloud infrastructure, which includes:

- ISO 27001 certification
- Data encryption at rest and in transit
- User authentication controls and audit logs
- Support for global data privacy and compliance requirements

From government projects to private developments, Aconex gives you the confidence to manage your most sensitive data securely and compliantly.

- **Scalable, Flexible, and Future-Ready**

Whether you're managing a single project or an entire portfolio, Aconex is built to scale. Add users and organizations without worrying about licensing limits or performance bottlenecks.

The platform is highly configurable to match your processes, integrates with BIM, ERP, and scheduling tools, and evolves alongside your business needs—ensuring long-term value and future proof investment.

- **Seamless Integration with Existing Systems**

Oracle Aconex is built to work alongside your existing technology stack. With open APIs and integration options, Aconex can connect to:

- ERP systems
- BIM and CAD tools
- Scheduling platforms like Primavera P6
- Financial and cost management software
- Field productivity apps

This means your teams won't have to duplicate work—and you'll gain a more connected, intelligent project ecosystem.

- **Proven ROI and Measurable Impact**

Implementing Oracle Aconex has delivered tangible value for global organizations. Benefits often include:

- 30–40% time savings on document processing
- Up to 50% reduction in RFI turnaround times
- Reduced legal claims due to better audit trails
- Faster project handover by weeks or even months
- Improved team alignment through standardized communication and documentation

ORACLE **ProjectPro**

Modules

1. Document Management
- Centralized storage for project documents
- Version control, audit trails, and approvals
- Supports PDF markups and file sharing

2. Workflow Automation
- Standardized processes for RFIs, submittals, transmittals, and more
- Automated notifications and approvals

3. Mail & Correspondence Tracking
- Records all project communications
- Links emails to relevant documents and workflows

4. Project Controls & Reporting
- Dashboards for tracking progress
- Custom reports on project performance

5. Bid & Tender Management
- Manages pre-qualification, bidding, and contract awards
- Secure document exchange for procurement

6. Registers (RFIs, Submittals, Issues, etc.)
- Tracks RFIs, submittals, defects, and action items
- Configurable workflows for issue resolution

7. Drawings Management
- Version control for design drawings
- Markup tools and overlay comparisons

8. Inspections & Checklists
- Digital checklists for quality and safety inspections
- Mobile-friendly for on-site use

9. Handover & Closeout
- Organizes final project documentation for turnover
- Supports O&M manuals and asset data handover

10. Mobile App (Aconex Mobile)
- Access documents, workflows, and reports on-site
- Offline capabilities for remote locations