

# One trusted platform. All your project information.

aconex

The #1 cloud platform managing information and processes for the world's largest energy and resources projects.



## Roy Hill Mine

Newman, Western Australia | Project Value: US\$10 billion

## Aconex: Designed to deliver your energy and resources projects

Energy and resource projects are growing more complex, sending owners, contractors and engineers on a search for tools that will help them take back control. Budget and schedule overruns are a persistent challenge, often coupled with remote sites, a lack of infrastructure, a talent shortage, political uncertainty and safety and environmental concerns. Aconex helps large projects address these risks by providing a unified platform for managing information and processes. The resulting benefits, including faster turnaround times and a decreased risk of disputes, directly improve a project's bottom line.

- Ensure a single point of reference, accountability and data capture
- Control document and model distribution and revision
- Manage formal project correspondence between teams in real time
- Implement processes and manage approvals across multiple organizations



## Owners

Access to a single, shared repository of all project information puts owners on the same page as GCs and EPCs, to everyone's benefit.

## EPC/Ms

Workflows that reach across all project members provide the right people with the right information at the right time so delays are avoided and costs are kept under control.

## Project Managers

With Aconex reporting, PMs can identify bottlenecks anywhere in a project and take action. By automating manual processes, Aconex also shortens turnaround times for everything from reviews and approvals to RFIs and change orders.



## Unmatched experience across projects

Aconex has helped manage more than US\$800 billion in capital projects globally. We have extensive experience helping clients address the complexities of energy and resources projects.

### Power

- Over 650 Power projects, totaling more than US\$53 billion in capital value
- Over 5,400 organizations have used Aconex on Power projects

“Aconex improves information flow and enables faster decision making.”

Mike Hennes, CGF Project Manager, Minnkota Power Cooperative, Inc.

### Oil & Gas

- Over 870 Oil & Gas projects, totaling more than US\$47 billion in capital value
- Over 5,100 organizations have used Aconex on Oil & Gas projects

“Aconex provides regimented compliance, which equals data integrity.”

Brad Sayer, Senior Pipeline Engineer, WestNet Energy

### Mining

- Over 560 Mining projects, totaling more than US\$105 billion in capital value
- Over 11,400 organizations have used Aconex on Mining projects

“Aconex allows us to manage and access data easily and quickly.”

Dwayne Ziebarth, Engineering Project Coordinator, CookEngineering

# The Aconex approach to successful project delivery

## One project-wide platform

All participants on a project manage information and processes on one easy-to-use platform, from design and feasibility, through construction and close-out to handover. Most customers go on to use Aconex across all their project engagements, working with different clients and project teams. As the network grows, each organization sees increased benefit from being part of the ecosystem.

## Equal rights for all

A lot of construction management software actually increases project risk by providing one party with privileged access rights, to the detriment of others. On Aconex, by contrast, each organization on a project controls access to its own data, retains legal ownership of that data and sets rules around how it will be distributed. At the same time, because processes on the platform mirror those in the real world of project delivery, everyone ends up with complete, timely access to the information they need.

## Cloud + Mobile

Aconex was built in the cloud more than a decade ago because we believed that a secure software-as-a-service platform was the future of real-time collaboration. Cloud based-delivery is the only way to easily bring together multiple companies on one system. We've also invested in a mobile platform for the same reason. We believe your project and its processes should be at your fingertips - in the field, trailer or office - and you should be able to work the way you want.

## Aconex Unlimited

True collaboration means everyone benefits at no extra cost. We offer unlimited users to every organization participating on your project, unlimited data and unlimited support. And we promise fair, transparent engagements without creeping expenses or unexpected fees. What you get is clear from the start.

## Support anywhere

We provide your entire project team - not just your own employees, with unlimited support in a range of languages anywhere in the world. Take advantage of online training, call our 24/7 helpdesk, or reach out to an industry consultant when you need one. Our experienced staff are located in more than 40 locations around the globe.

## Manage information and processes project-wide

The Aconex cloud-based collaboration platform includes the following features:

### Document and Model Control

Every organization has a private register for its documents and models, displaying the most recently received versions, though all revisions are held. Exchanging information between JV partners becomes an easy and secure process. Easily locate environmental and safety documentation as soon as you need it.

### Connected Model Management

Share, review, mark up and contribute to complex multi-dimensional models directly from Aconex. Enjoy the full benefits of BIM/VDC collaboration, including a complete audit trail of all decisions, without requiring specialized software. Coordinate modular construction processes from a web browser - no authoring tools required.

### Process Management

Manage complex processes across multiple organizations easily, handling Interface Management, Vendor Document Management, RFIs, document review and approvals, variations/change orders and document deliverables/packages. Put structure around front-end engineering design, reviews and approvals.

### Correspondence Management

Aconex serves as an electronic project mailroom, so you can easily retrieve or transmit files to project participants with a few clicks. All correspondence and forms sent via the platform are automatically logged and cannot be deleted.



“Aconex definitely saves us time and provides peace of mind.”

Adin Pilcer, Technical Director, Continental Wind Partners

CEZ Wind Farm | Dobrogea, Romania | Project Value: US\$1.5 billion

## Reporting & Search

List, sort, and filter functions provide extensive reporting of all captured project information. Reports are easily configurable, enabling managers to act immediately on potential issues. Ensure contractual requirements are met by providing reports in just a few clicks.

## Online Viewer

A fully-integrated online viewer allows you to view over 450 different 2D and 3D file formats without additional software. It provides real time mark up, overlay and instant messaging.

## Project Directory

Users manage their own profiles, so no single organization faces the burden of user administration. Users are listed in searchable project- and global-level directories.

## Aconex Mobile

Share documents, drawings and correspondence on tablets or smartphones. View and edit images, mark up drawings, and capture data on-site. Coordinate everything from permitting and bidding to RFIs and change orders, all on your iOS or Android device.



## Advanced solutions that deliver success

### Workflows

Automate repetitive document review processes such as engineering reviews, accelerate turnaround, and reduce administrative delay in review and approval cycles with simple drag-and-drop workflows. Improved, real time visibility helps identify process bottlenecks.

### Bidding & Tenders

Confidentially manage the bid and tender process electronically, including tender package distribution, addenda, requests for information and clarifications. Reduce the time taken to create and manage tender packages and simplify administration.

### Packages & Deliverables

Streamline the management of project packages by standardizing with one consistent electronic format for all trades and project partners. Automate repetitive processes, track progress and stay in control, with everything kept in one easily accessible location. Have confidence that all required information has been captured when progressing through project stages.

### Interface Management

Identify, define, manage and close out interfaces from a single, collaborative platform. Ensure subsystem compatibility, coordinate specialist contractors and keep vendors aligned across your entire project.



“Aconex is helping us keep our project on track.”

Bernard Potvin, Executive Vice President, Project Delivery, Alderon Iron Ore Corp.

Kamistiatusset (Kami) Iron Ore Project | Labrador, Canada | Project Value: US\$1.27 billion

## Vendor Document Management

Capture, manage and control vendor documentation and correspondence for everything from separators to drilling rigs and float spar platforms. Aconex Oil & Gas software gives you real time visibility into vendor performance.

## Field Inspections & Checklists

One solution for structured and ad-hoc inspections, Aconex Field is a cloud-based checklist and punch list app that allows the capture, distribution and tracking of defects, safety and other issues in real time. Eliminate manual, repetitive data entry and finish inspections in half the time. Integrated with the Aconex platform.

## Handover / O&M Manuals

Progressively collate O&M documentation during the planning and build phases of the project with Aconex Handover. Deliver a complete set of manuals at project completion that can be accessed from a tablet or desktop and easily updated over the life of the asset.

## Project Archive

All data on Aconex remains the property of its owner. At completion, clients can either download their data or purchase access to their information as an online archive or a searchable standalone portable media device.

## Professional Services

For the most complex projects, we offer professional services such as industry consultants on short-term contracts to set-up project procedures and protocols for complex projects.

## Web Services APIs

The Aconex Web Services API toolkit makes it possible for project information to flow between Aconex and other software applications, including internal document management, cost management and other enterprise systems.

Fast, secure and reliable.  
Trust Aconex to be available  
anytime, anywhere.

Aconex offers an extremely scalable, highly reliable platform for managing information and processes for construction and engineering projects. We've invested over a decade in an enterprise-class cloud infrastructure offering multiple levels of security for cloud-based, project-wide collaboration.

Nga Awa Purua Power Station

Rotokawa, New Zealand | Project Value: US \$235 million



## Fast

Speed and performance are essential to users. Our location of data centers around the world, use of Akamai web acceleration technology and our advanced search technology have set the standard for system speed in online collaboration.

## Secure

Our instances are co-located in geographically redundant data centers that are selected based on strict criteria, including performance and security. All data centers comply with the Uptime Institute's TIA 942 III or better.

- Aconex has been independently certified to ISO 27001 – the highest international standard for information security management. ISO 27001 details requirements for establishing, implementing, operating, monitoring, reviewing, maintaining and improving an information management system.
- Aconex uses signed 2048-bit SSL keys for all HTTPS traffic to ensure all information is encrypted across the public internet while in transit. Client data can be protected by an encryption-at-rest solution in both primary and disaster-recovery sites.
- Integrate Aconex into your enterprise security with Single Sign-On, 2-Step Verification and Event Log Streaming.

## Reliable

The use of world-class data centers and best-practice policies and procedures ensure exceptional levels of system availability around the world.

- Redundancy in hardware, power supply, and telecommunications.
- Geographically removed disaster recovery centers.
- Performance and reliability is monitored and alarmed. A product operations team monitors the application 24/7.

## Trusted

Every Aconex instance is managed by Aconex within independent data centers. No participants have control of the infrastructure or greater access privileges within the application. No individual – even if they're the project owner, organization administrator or Aconex administrator – is able to view information outside their own organization's data store.

## About Aconex

Aconex provides the #1 cloud solution to manage information and processes for the world's largest construction and engineering projects. Aconex gives owners and contractors project-wide visibility and control between the many different organizations collaborating across their projects.

With more than 500,000 users and over US\$800 billion of project value delivered in 70 countries, Aconex is the industry's most widely adopted and trusted platform. The company's global customer base includes nine of the top ten engineering, procurement and construction (EPC/EPCM) firms, 23 of the 25 largest global design firms, and nearly all Fortune 500 construction and engineering companies.

Founded in 2000, Aconex has 40 offices throughout the world, including headquarters in Melbourne, Australia and San Francisco, California.

Our clients have recognized that the Aconex solution is rich in features that support industry processes and that it meets or exceeds their internal security and data management standards. This is backed by unmatched client service that ultimately drives user adoption, maximizes return, mitigates risk and promotes project success.

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