

Changing the way business thinks about CAD data.

Do you know where to find:

- ▶ improved project efficiencies,
- ▶ enhanced HS&E and
- ▶ access to new ROIs?

We do.



dedicated to 100% CAD standards conformance



CADconform™

Kansas Department of Transportation: Doing What is “Humanly Impossible.”

“The last issue of our official state map had more than 69,000 individual elements on it and the front cover alone had 17,000. Each one of those elements represents a possibility to make a drafting standards mistake. CADconform eliminates 100 percent of those possibilities,” according to Assistant Manager of Cartography Fred Holthaus. “Before CADconform ... there was just no way, no mechanism, to check every element on each and every map file – it was humanly impossible to assure 100% accuracy,” asserts Holthaus.



Using CADconform since 2002

BHP Billiton Iron Ore: Saving \$3.25 Million USD per Project.

With CADconform, BHP BIO has been able to measurably improve efficiency and productivity for both in-house and consultant-contractor drafters with estimated savings of \$3.25 million USD per project. The software has also enabled them to facilitate management of large-scale multi-vendor projects by streamlining the assignment and reception of CAD drawing files and assuring 100% conformance to CAD standards. “CADconform is cutting edge technology for the use of standards. It’s the critical piece for companies to be able to reliably, affordably and successfully implement CAD standards,” says Michael Hallam, Administrator of CAD & Technical Information for BHP BIO.



Using CADconform since 2002

Powerlink Queensland: Zero to Standards in Five Days

Powerlink Queensland, the largest high-voltage electricity transmission service provider in Australia has gone from zero to standards in 5 days, according to Design Office Coordinator Tim Steer. “Before CADconform, we were seeing a decline in quality each time a drawing was updated. Since using CADconform, we have achieved a step-change improvement in the quality of drawings each time they are updated,” says Steer.



Using CADconform since 2004

What CAD Conformance Means to Upper Management

Before we discuss the importance of CAD standards conformance, let’s first mention the importance of CAD data itself. For consulting firms, CAD data is your final deliverable; for owner/operators, it’s your company’s most valuable data asset. And CAD data is used in literally every stage of an asset’s lifecycle – planning, designing, building, commissioning, operations, maintenance, revitalization, decommissioning, and disposal.

But because CAD systems use an unstructured, graphical interface for data entry, it’s difficult for drafters always to follow standards perfectly. And given that every CAD drawing has hundreds or thousands of data points, each with several defining attributes – and that each project involves hundreds or thousands of CAD drawings – it’s easy to see the need for advanced technology to accurately and efficiently check CAD data quality. Humans simply can’t do it. CADconform™ can, with 100% accuracy.

Where’s the ROI from CADconform™?

By using CADconform™ from Altiva Software to ensure your CAD data is 100% standards-conformed, your business may now access previously untapped ROIs, in the form of:

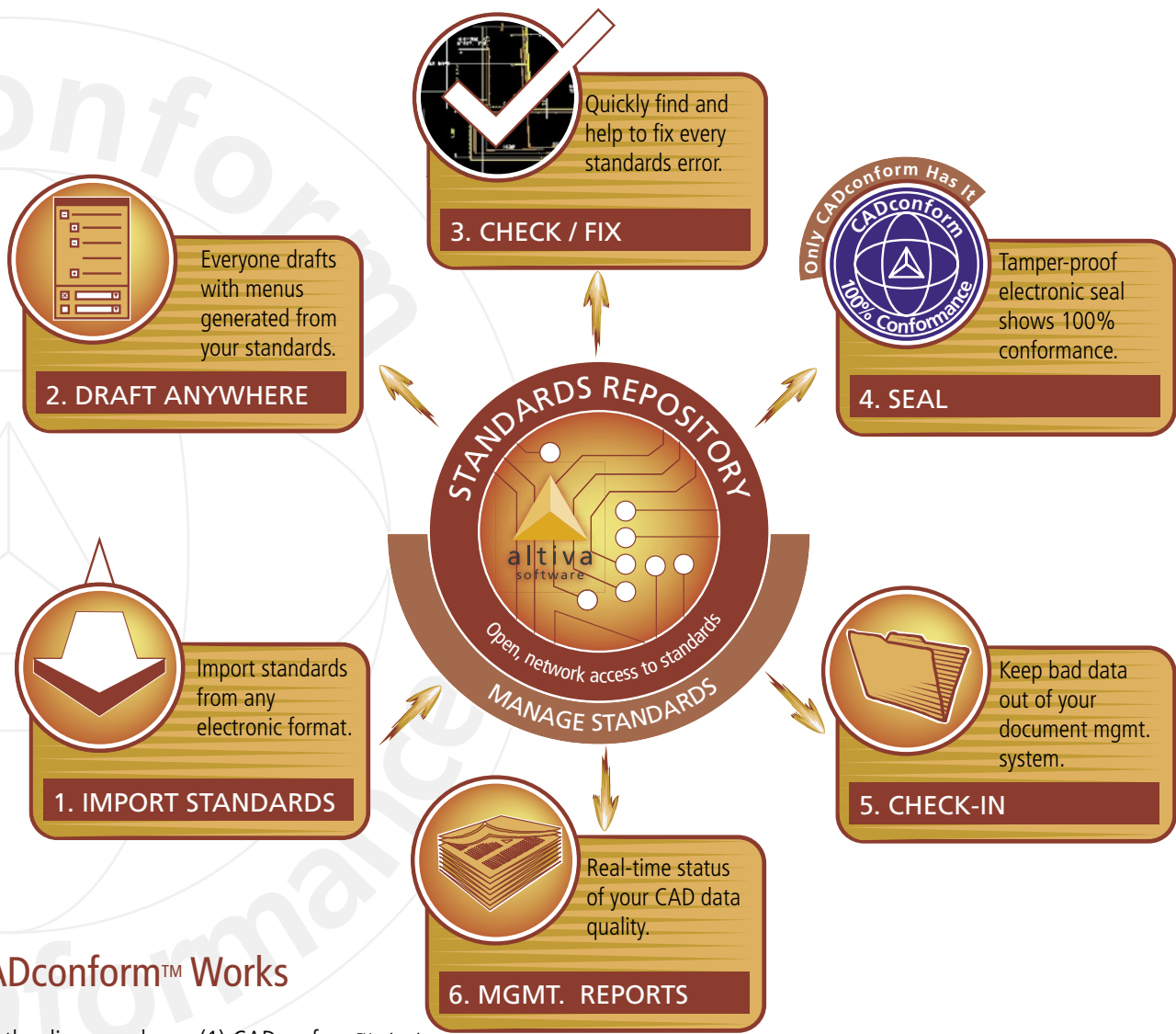
- ▶ Increased project efficiency
- ▶ Higher profitability
- ▶ Shorter time-to-market
- ▶ Decreased liability
- ▶ Enhanced client satisfaction



CADconform™ helps projects run faster and smoother with all parties accessing the same drafting menus and everyone easily checking and fixing their own drawings. It also helps reduce unnecessary HS&E risks, by reducing communication errors. And reliable CAD data also opens the door for advanced processing of drawings that saves time and money, such as:

- ▶ Asset management
- ▶ Geospatial information
- ▶ Document management
- ▶ Material takeoffs

Autodesk
Authorized Developer



How CADconform™ Works

As shown in the diagram above, (1) CADconform™ starts by making it very easy to import your drafting standards into our standards repository. From this centralized repository, (2) CADconform™ automatically generates easy-to-use drafting menus that make it easier to follow your standards than not to. But even the best drafting menus aren't always used, so (3) CADconform™ provides a "spell-check" like function so all drafters can find and fix their own errors, easily and quickly, with special features like "Change All."

Only when a drawing is 100% conformed, (4) drafters can finally apply an electronic, tamper-proof seal. And with its open API, (5) CADconform™ can be used as a watch-dog to prevent bad CAD data from entering into your document management system undetected. Finally, (6) management reports identify conformance status in minutes for hundreds or even thousands of drawings.

See an important feature comparison on the back. →

Ready to go from Zero to Standards in five days?

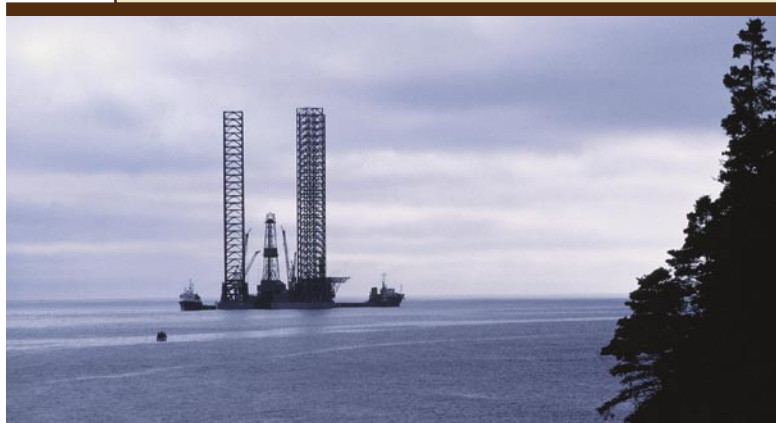
Request a data quality audit, product demonstrations, ROI calculations, proof of concepts, and more.

Call 281-295-2250

altiva software, inc. | www.altivasoft.com | info@altivasoft.com
14100 Southwest Freeway, Suite 560 Sugar Land, TX 77478



Altiva Software is a proud member of both the Autodesk Developer Network and the Bentley Developer Network.





How Does Your Current CAD Standards Method Compare to CADconform™?

Our client audits have shown that businesses using the normal methods of CAD standards manuals, built-in checkers, custom coding, drawing templates, and functionality lock-downs still average 30-40% bad CAD data. You wouldn't accept those percentages from your accounting, customer or inventory databases, and with CADconform™ you no longer have to accept them from your CAD data. And since CADconform™ applies a tamper-proof, electronic seal to only the drawings that meet 100% conformance, management will know right away if the data is good or bad.

CADconform™ vs In-house CAD Standards Solutions			
CAD Issue	MicroStation® Checker	AutoCAD® Checker	CADconform™
Basic Checking and Fixing	▲	▲	▲
Basic Reports	▲	▲	▲
Detailed Checking and Fixing			▲
Complete Management Reports			▲
Seamless Between AutoCAD and MicroStation			▲
Database Technology for Powerful Definitions			▲
Auto-Generated Drafting Menus			▲
Tamper-Proof Electronic Seal			▲
Importers for Easy Standards Creation			▲
Auto-Generated Standards Manual			▲
Full Administrator Defined User Controls			▲
Distribution System for Standards			▲
Built-In A/E/C Standards			▲

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USA/Houston

Altiva Software Inc.
14100 Southwest Freeway, Suite 560
Sugar Land, Texas 77478

Telephone + 1 281 295 2250
Fax + 1 832 201 0462
info@altivasoft.com
www.altivasoft.com

Germany/Wiesbaden

Altiva Software
c/o Corporate Montage Europe GmbH
Kreuzberger Ring 44a
65205 Wiesbaden
Deutschland

Telephone + 49 611 72 39 77 0
Hotline + 49 611 72 39 77 77
Fax + 49 611 72 39 77 99
info@corporatemontage.de
www.corporatemontage.de

Australia/Sydney

Altiva Software Pty. Ltd.
c/o Corporate Montage
Level 3, 80 Arthur St.
North Sydney, NSW 2060
Australia

Telephone + 61 2 9957 3733
Fax + 61 (0) 2 9954 1029
info@corporatemontage.com.au
www.corporatemontage.com.au

Australia/Perth

Altiva Software Pty. Ltd.
c/o Corporate Montage
Level 2, Mint House, 326 Hay Street
Perth, WA 6000
Australia

Telephone + 61 8 9221 7375
Fax + 61 8 9221 7378
info@corporatemontage.com.au
www.corporatemontage.com.au

