



Get More Value From Your Autodesk Construction Cloud Investment

Leverage AI to Identify Safety Risks in Autodesk BIM 360 Data

You've committed to leveraging construction project and field management software to deliver projects on time and on budget. But what if you could use the data you're already collecting to predict safety risks and reduce recordable incidents by up to 40%?

**Know which
20% of your
projects
will have
80% of your
incidents in
the following
week.**

More Safety, Less Time

Newmetrix's construction-trained AI uses your existing Autodesk BIM 360 images to identify more than 100 indicators of safety risk like a virtual safety inspector. Get automated opportunities for engagement in your inbox with AI-generated observations.

Connecting the Data Dots

Image data isn't the only thing that can provide indicators of risk. For the first time, Newmetrix is tying together data like safety incidents, observations, timecards, and production data, to build risk reports and predictive models.

"Predictive analytics is the next frontier of construction risk management."

— Rose Hall, PE,
CRIS, Vice President,
Head of Construction
Innovation at AXA XL

“Newmetrix helps us tap into the full value of the images we already have, with no added resource required. It helps us understand where risk has occurred in the past so we can take action to mitigate those risks in current and future projects.”

— Ted Jennings,
Virtual Design and
Construction Manager,
Barton Malow

From Documentation To Engagement

Leveraging AI & ML to analyze your Autodesk BIM 360 data, Newmetrix can send safety, and project teams automated “opportunities for engagement” reports to their inboxes.

Predict the Future

Newmetrix leverages AI & ML to identify safety risks, determine their impact on safety and predict where incidents will happen before they occur. Know which 20% of your projects will have 80% of your incidents in the following week.

Optimize Your Resources

Get ahead of safety issues before they arise with dashboards that rank projects by risk. Focus your limited resources on the right projects where they have the greatest impact.

Protect Your Profit

When you can predict, you can prevent. Customers using Newmetrix on the data they’re already collecting have reduced RIR by up to 40%, experience fewer claims, and use their proven predictive-based safety program to negotiate better insurance terms.

Make the Most of Your Investment

Drive adoption of the tech you’ve already deployed and strengthen your safety culture as teams see the data have a direct impact on reducing incidents.

How It Works:

It’s simple to connect to Autodesk BIM 360 projects thanks to our prebuilt integration. Data flows automatically into Newmetrix without requiring any changes to your processes. Once the images and project data are analyzed, Newmetrix can identify more than 100 potential risks, including work at height, housekeeping, and improper ergonomics, while also identifying what phase of construction the images show from structural steel to MEP to fit-out.

And, most important, Newmetrix can show which 20% of projects will be responsible for 80% of the risk in the coming week, so teams can take action to prevent incidents before they happen.

Put Your Data to Work For You!