Applied Data Science

Repeatable Analytics for Industrial Operations

Data Science is incredibly challenging, and data scientists are extremely valuable. That's why we think your data scientists should be working on new and complex problems, not recreating solutions that have already been solved.

Predictive modeling solutions for complex industrial facilities have been available for years. Why do customers and other providers think they need to start from scratch? It seems wasteful that with each new model they ask:

1. What algorithm type is best for this issue (regression, neural, clustering, etc)?
2. What process data points should I include in this model?
3. How sensitive should the model be and how many false positives will it create?
4. Now that I've built a model, how do I know that I couldn't have built a better one? (back to Step 1)

AtonixOI customers and partners have been answering these questions for decades, and we've fine-tuned data science for industrial operations. After configuring your asset hierarchy in AtonixOI, **you can deploy predictive models for your entire facility with ONE CLICK!**

AtonixOI Features

Model Templates – We have over 1500 model templates built from the experience of hundreds of thousands of models built in AtonixOI. This ensures that the models have the right inputs and the right settings without starting from scratch.

Automated Input Selection – We recognize that every asset is unique, so our math engine automatically selects only the model inputs that are effective for your specific data.
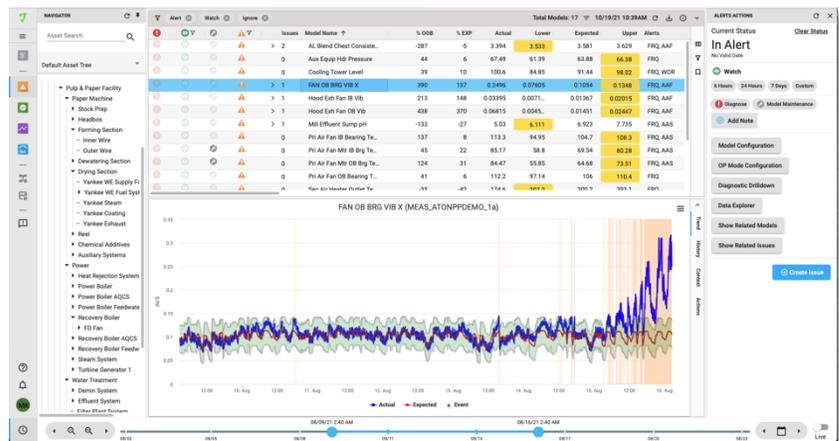
Alert Sensitivity – AtonixOI generates alerts based on both statistical and business logic settings. The variety of alert configuration settings ensures that you get the important alerts while weeding out the noise.

Pre-selected Algorithms – Unlike many AI tools, you don't need to decide which algorithm to use. We've tested hundreds of options and selected the handful that work best for industrial operations.

Model Scoring Algorithms – Stop wondering if there was a better option for your model. Our proprietary scoring algorithm determines which algorithm is best suited for your specific use case.

Flexible Model Configuration UX – For those who want to dig deep and create their own math, we provide the most user-friendly configuration environment in the market.

Predicting industrial asset operations is not a new problem, and we've built the solution into AtonixOI. It's proven to work so, start taking advantage of AtonixOI's machine learning capabilities today.

To learn more about Atonix Digital and the AtonixOI Platform, visit Atonix.com.

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