

High Definition Alerting

The complete and precise way to monitor your plant.

Is your current pattern recognition technique outdated? Much like the old and antiquated TVs of the 80s, asset-based modeling techniques do not give you a clear picture of your plant performance. Fortunately, there is a way to achieve High Definition Alerting (HDA) without adding to your alert screening and maintenance burden.

What you're missing...

Asset-based techniques *focus only on the asset; leaving the process that happens between the assets unprotected*. In the AtonixOI issues knowledgebase, these process issues account for approximately 20% of the financial savings achieved by our client and partner monitoring centers. Issues like leaking turbine drains, active bypass or startup lines, air leakages, and leaking valves are just a few examples of costly issues that go undetected by asset models. Using a sensor-based machine learning and pattern recognition enables users to dramatically improve the resolution at which they are monitoring because the modeled parameter can be anywhere in the process, not just isolated assets.

Focus on the important Failures

In addition to the higher resolution throughout the process, sensor-based models also enable the user to be *more precise in the detection of critical failure modes*. For example, not every failure mode on a pump is equally critical. Each failure mode should be detected independently, with alerting thresholds and logic that are appropriate for the individual failure mode. Asset-based modeling is just like those TV bunny ears – when you twist them one way to get PBS, you lose visibility to ABC.

It's Easier than you think

High Definition Alerting sounds great and could be a lot of work. Fortunately, AtonixOI makes *HDA extremely efficient* with three important capabilities; 1) alert screening views that enable users to group alerts by asset, so they can be efficiently processed, 2) model configuration views that enable users to multi-select models in order to make model updates in asset groups rather than individually, and 3) each alert is assigned an asset criticality and a model criticality to ensure that the most important alerts are processed first.

Update your machine learning and pattern recognition techniques by giving AtonixOI a try. Our pilot programs are affordable and up and running in a month.

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