



Dynamics Plus

ADVANCED COMBUSTION DYNAMICS MONITORING

Dynamics Plus

Dynamics Plus is a revolutionary combustion dynamics monitoring service that enhances your Combustion Dynamics Monitoring System (CDMS) with a patented machine learning algorithm and a physics based combustion model. Going beyond simplistic trending and threshold alarming, Dynamics Plus monitors the unique combustion signature of an engine and alerts operators to relevant changes. Whether instrumentation issues, tuning problems, or impending hardware failure, you'll know before dynamics force an unplanned outage or even damage your power turbine.

Prevent Unplanned Outages

Dynamics Plus identifies combustion system issues well before you are forced to shutdown, giving you the time and opportunity to schedule an outage to inspect and replace damaged parts.

Protect Turbine Hardware

Even minor hardware failure can become catastrophic, leading to damages throughout the hot gas path. Dynamics Plus identifies these issues early and protects your engine from costly damage.

Identify Instrumentation Faults

Dynamics Plus constantly evaluates the condition of your CDMS sensors and notifies you when one starts to fail. This not only allows you to resolve the problem, but also prevents unnecessary outages due to failing sensors that look like high dynamics.

Avoid Autotuning Issues

Autotuning systems tend to hide hardware issues, masking the elevated dynamics that indicate damage. Dynamics Plus is autotuning aware, so you won't be flying blind.

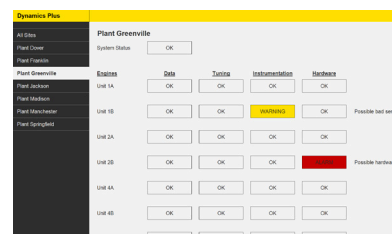
Keep your existing CDMS

If you already have a CDMS system, there is no need for replacement. Dynamics Plus can integrate with it, increasing the return on your CDMS investment.

Get Combustion Expertise

Dynamics Plus is backed up by world class combustion turbine experts who can monitor your turbines and are available when you need them.

**Contact us today for more information
or to schedule a demo.**



See the status of your engines at a glance with the Dynamics Plus dashboard.



Dive into the data with the engine detail screen.

Can Level Fault Diagnostics					
	1	2	3	4	5
Data Fault	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Instrumentation Fault	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Tuning Fault	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Hardware Fault	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Liner crack	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TP crack	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Crossfire tube crack	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TP seal leak	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Determine what's causing combustion issues with detailed diagnostics.



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