

# Aspen Mtell® Data Collector for AMS Optics

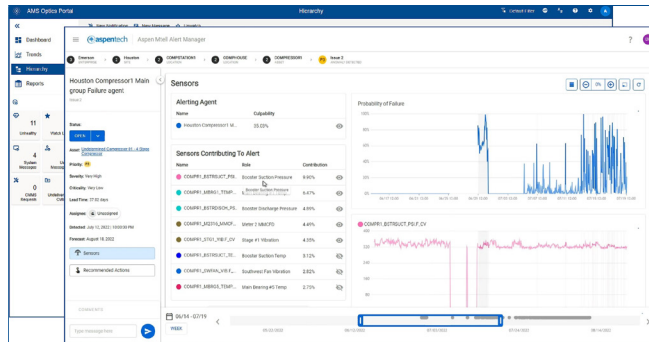
- Drive corrective action based on data-driven analytics for overall plant maintenance and process optimization
- Provide historical trend of results of analytical models to gain more insight into plant performance
- Use AMS Optics Portal as a single source of alert management for asset health alerts from AMS Device Manager, AMS Machine Works and Aspen Mtell
- Create work requests based on results of Mtell models and implement closed-loop work processes with CMMS (SAP or IBM Maximo)



## Introduction

Aspen Mtell® is a predictive analytics software developed by Aspen Technology, designed to optimize industrial operations by deploying “agents” that monitor asset health and performance and predict potential failures using rules and conditions, advanced first principles or AI/ML models, and custom codes created by data scientists.

With the Aspen Mtell Data Collector for AMS Optics, users can capitalize on the capabilities of two powerful industrial software platforms – Aspen Mtell and AMS Optics. Enhance asset reliability and performance with early warnings and real-time actionable insights, combined with closed-loop workflow capabilities.

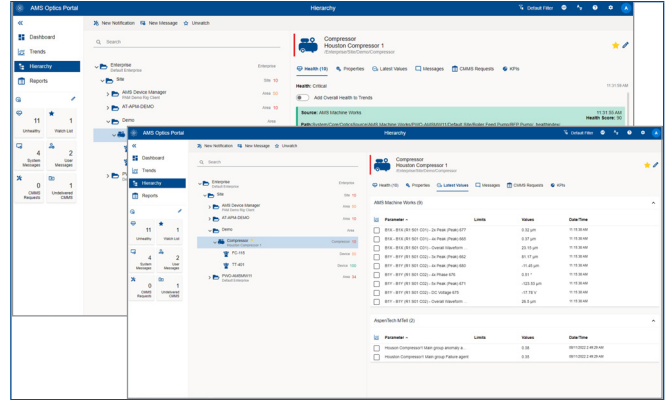


Aspen Mtell Data Collector for AMS Optics allows users to launch Mtell in context from their AMS Optics dashboard.

## Consolidated Alerts and Health for Critical Assets

There could be hundreds, even thousands, of assets and process parameters in a plant. Users can concentrate on the critical assets by configuring which of their Mtell asset models and their parameters are monitored within AMS Optics. There, they can see asset health score based on its severity reported in by Mtell.

Factors contributing to the health of an Mtell analytical model or agent are available in AMS Optics, providing users with more information on what the potential problems are of a specific equipment or process.



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