Scheduling and Execution Alignment

Drive Production Agility for Flawless Operational Execution

Empower strong alignment, collaboration and real-time visibility as the keys to gaining awareness and managing disruptions by leveraging the AspenTech DataWorks suite powered by AspenTech Inmation™ alongside aspenONE® Supply Chain Management solutions.

Unlock the most value from your planning process with a focus on day-to-day operations and executing plans with flexibility to pivot to unexpected issues.

Key Benefits

Align Production Across the Site and Supply Chain

Increase production and operational resiliency by automatically alerting stakeholders of key production and supply chain events, delays, disruptions and issues in real time to enable faster responses.

Enable Decision Support

Real-time data connectivity across multiple data sources with AspenTech Inmation enables you to rapidly relay production information to where data maximizes value and impact, ensuring greater operational agility to manage disruptions faster and more efficiently.

Collaborate in Real Time

Grow your site collaboration and communication by instantly notifying stakeholders of critical and key events relating to specific production activites and streamlining communications with Aspen Schedule Explorer™.

Gain Production and Supply Chain Visibility

Quickly manage disruptions in real-time data by taking advantage of deeper insights into key production and supply chain events, including transportation delays and operational deviations.
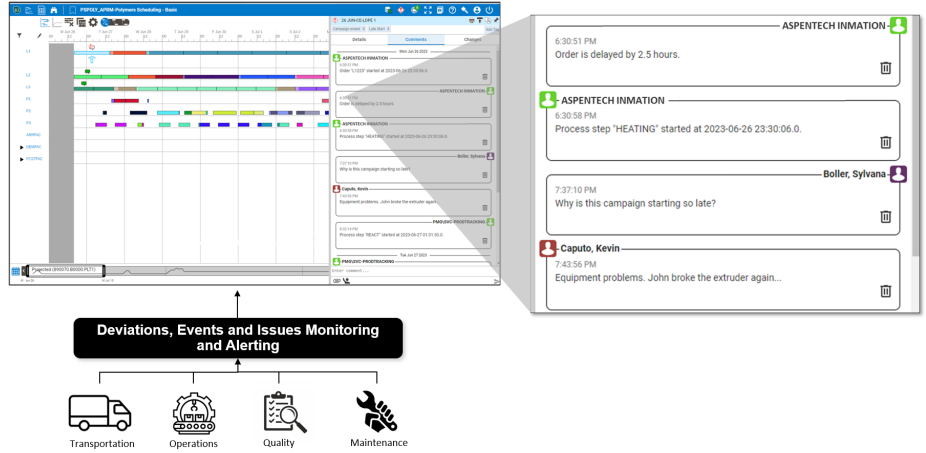
Key Capabilities

- Automated real-time communication and collaboration
- Building of archived historical datasets over production and supply chain events (including their impact)
- Automated annotation of scheduled activities via tags for flexible communication and further analysis
- Configured datasets and logic tailored to sites for events, notifications and responses such as comments, tags, actions, etc.
- Flexibility to connect to multiple data systems and sources to monitor for supply chain and event conditions
- Rapid real-time scheduling with dynamic decision support and automated responses for specific conditions
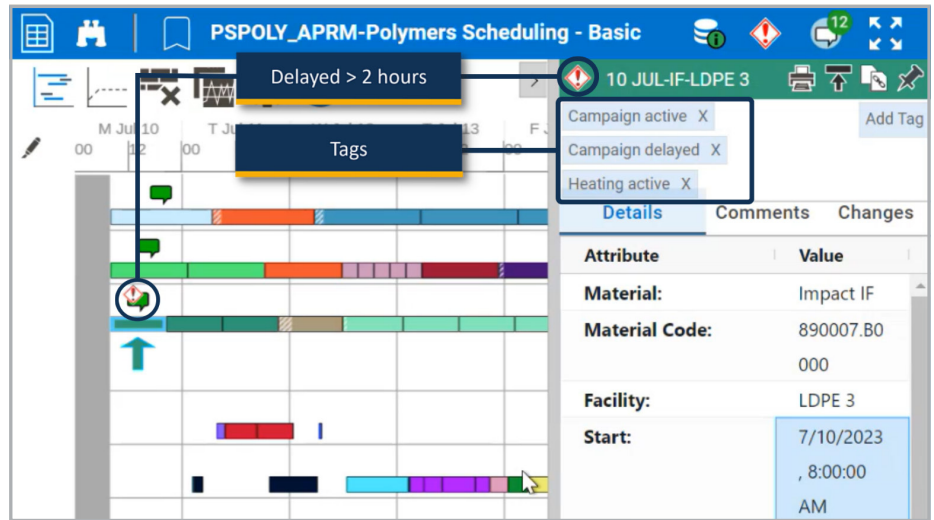- Evaluate scheduling options with dynamic decision-making support

Use Case

A global specialty chemicals company is currently using Aspen Schedule Explorer to enable its production operators to manually comment on production events such as start and end times. Team members across the site, including schedulers and production engineers, use the information to have a better understanding of the status of important activities occurring on the production floor. If an operator does not enter information in a timely manner, or does not include key information in a specific format for eventual analysis, production engineers and schedulers can be negatively impacted.

The customer wants to explore new potential capabilities of Aspen Schedule Explorer, avoiding delays in relaying information and ensuring data consistency to accelerate continuous improvement of analytics processes. With these new capabilities, the manual effort behind commenting on these production and supply chain events becomes automated. Automating the process of notifications relating to production events, delays and disruptions removes variables such as human error and enables faster sharing of information for strong operational and execution alignment.

Enable agile decision-making with real-time activity statuses and immediate notification of disruptions, delays and issues.

Within Aspen Schedule Explorer, you can manage customer expectations with real-time production visibility of delayed activities.