

## Intelligent Execution

### Getting Value from Filling Line Visibility

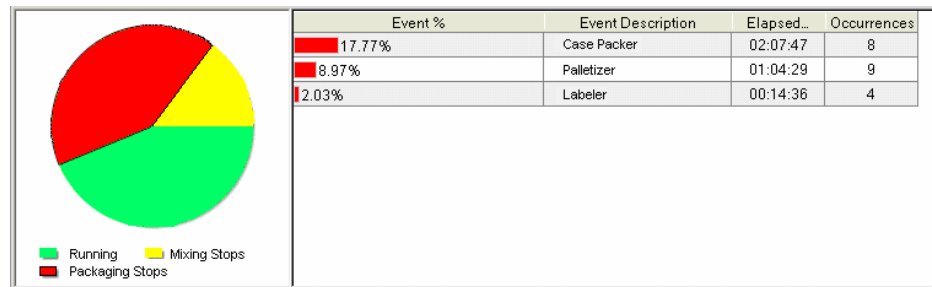
by Chris Chandler

Filling operations are sensitive to downtime upstream *and* downstream. With little or no buffer on the line, downtime from one area can cause the entire line to stop. Acumence provides information to quickly identify problem machines, so you can focus resources on the right problems.

A big step towards improved filler efficiency is determining whether the filling line is stopped due to mixing area problems or packaging area problems. Lack of visibility into each department prevents real accountability and improvement.

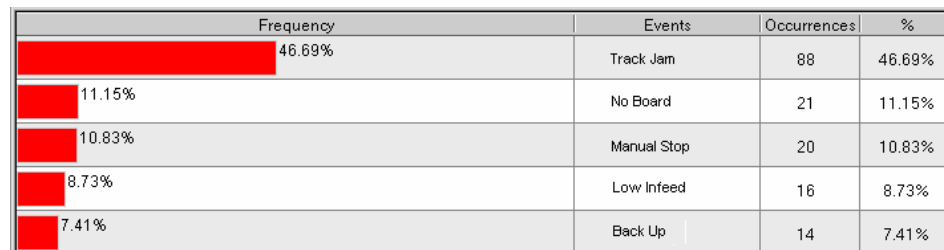
#### Getting Value Step-by-Step:

1. Use the Line Overview Chart to identify area of line, and exact machines with greatest contribution to downtime.
2. Drill-down into the Machine Downtime Pareto to identify failure causes.
3. Focus maintenance resources on problem areas and eliminate unnecessary downtime.



Line Overview Chart

With Acumence, filler downtime can be classified by mixing versus packaging. A quick glance at the chart above shows that packaging area stops are having a big impact, and the case packer alone has caused two hours of downtime this shift.



Machine Downtime Pareto

The supervisor knows to focus resources on the case packer, but where? Analyzing the downtime pareto for the case packer shows a clear culprit – track jams are causing most of the downtime.

A quick inspection confirms that the track-work has shifted out of alignment and is causing the jams. The production supervisor calls maintenance with an urgent and specific request to have the track work realigned. With manufacturing business intelligence, the production supervisor is aware of threats to performance, and has the tools to know what to do about it – getting maximum value from the visibility.