

All Process Optimization add-ons are subscription-based with an annual fee. Some add-ons have unlimited usage, while others are priced per application. Process Optimization add-ons require an ongoing Software maintenance program and minimum Premium Edition or Plan.

If an add-on is not renewed and allowed to lapse, the feature will be disabled. The rest of Condmaster will not be affected.

## TOE POSITION

A critical factor in optimizing the efficiency and performance of the grinding process is mastering the toe position of the mill charge. With the toe position monitoring, operators can detect the early onset of an overload condition in tumbling mills. It provides insight into charge dynamics and enables operators to optimize comminution efficiency. The overall purpose of the solution is to keep the tumbling mill running as close as possible to maximum working capacity while at the same time avoiding the risk of mill overload, underload, and freewheeling.

No. of applications	Price per app. /year
1	
2-4	
5+	

## VIBRATING SCREEN

This solution for vibrating screens aims to achieve optimal efficiency and reduce downtime, resulting in increased productivity and cost savings. It can improve the performance of vibrating screens and ensure they are operating at their best. The package solution offers optimization of vibrating screen efficiency by detecting unfavorable conditions such as plugging and excessive energy consumption. It leads to a reduction in downtime costs and improves the overall functioning of the screen.

No. of applications	Price per app. /year
1	
2-4	
5+	

## WOOD CHIPPER

The wood chipper solution ensures high-quality knives and a streamlined wood chipper outlet. By monitoring the wear of the wood chipper knives, the time between knife replacements can be optimized, leading to significant cost savings for pulp mills. The solution offers optimization of wood chipper efficiency, ensuring minimal deviation in chip thickness, which is crucial since uneven thick chips can hinder the chemical impregnation process in pulp production.

No. of applications	Price per app. /year
1	
2-4	
5+	

## PUMP PERFORMANCE

With the solution for pump optimization, operators can continuously monitor and analyze pump performance in relation to operating speed or flow. Using the 'view symptom distribution' feature, symptom values can be plotted over RPM or flow rate to visualize how the pump is performing. This allows operators to determine whether it is running at, below, or above its Best Efficiency Point (BEP) – and to identify early signs of performance issues or inefficiencies.

No. of pumps	Price per pumps /year
1-2	
3-10	
11-25	
26-50	
51 ->	

## VIRTUAL ONLINE UNIT

Measuring assignments to which data can be imported from non-SPM measuring systems.

No. of assignments	Price / assignment
1-9	
10-49	
50-99	
100-199	
200 ->	