

# SYNCHRONIZING INVENTORY MANAGEMENT WITH REAL-TIME MANUFACTURING PRODUCTION SCHEDULING

With Arcstone solutions, a leading manufacturer of F&B ingredients was able to efficiently track and monitor operations on the production floor.

## Challenges

A leading manufacturer of F&B ingredients based in Singapore was utilizing an underpowered system to track inventory levels and manufacturing orders. This meant that production planners had to manually identify low inventory levels before issuing a manufacturing order causing subsequent production delays. The production process itself was not tracked and hence proper scheduling could not be achieved.

## Our Solutions

Understanding the issue, Arcstone set up workstations throughout the facility to enable the sharing of manually recorded data in real time and to retrieve information from their pre-existing material resource planning system. By doing so, operations on the production floor are now efficiently tracked and monitored and production planners are instantly notified of low inventory levels.



### Enhancing Inventory Control



Automated the retrieval of real-time data of low inventory levels to relieve manual identification of low inventory levels, enabling less time wasted.

### Improving Production Planning



Created a standardized difficulty level for each job to allow production planners to fairly appoint and adjust work schedules in real time.

### Maximizing Full Control



Set up tablet workstations to each production line to provide full visibility and control. This gave production personnel full control over scheduling, maximizing efficiency.

### Make Preemptive Maintenance Decisions



Assigned parameter thresholds relating to the health of each machine. Automated notifications of required repairs enabled automated maintenance scheduling enhancing the ability to predict repair decisions ahead of time.

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