# SOLUTION BRIEF

# ALL-IN-ONE ADVANCED MANUFACTURING PACKAGE

Gain both production traceability and visibility with Arcstone's powerful suite of modules

With Arcstone's all-in-one package, leverage on our analysis advanced MES modules to gain full transparency over all your manufacturing operations. Achieve optimized production processes and collect data to continuously improve your factory floor and business systems.





## **KEY SOLUTIONS**

#### Lightweight MES



Our lightweight ancille MES system can be rapidly deployed with plug-and-play installation to support the digitalization of manual factory processes and operations.

# Integration with ERP & Third-Party Systems Arcstone's Occolors



Arcstone's anchow enables integration with most ERP systems (SAP, Oracle, Dynamics, etc) and other third-party systems (including other MES, LIMS, WMS, BI, CAD, etc)

## Hardware Data Integration and Analysis



View daily work orders, instructions & detailed information of tasks on desktops, tablets, mobile devices in real-time. Machine, equipment and tool data is automatically collected by using the ancaune data collection module

### **KEY MODULES**

#### **Anomaly Detection**



Al driven anomaly detection engine analyses in real time. Machine learning algorithms recognizes abnormal behavior, enabling early fault detection, potential breakdowns or quality issues

#### Report Builder



Note and record facility-wide issues and problems with custom write-up forms, images, audio and video for personnel to utilize for reporting. Easily customizable and configure the KPI calculations needed.

#### **Equipment Maintenance**



Easily manage equipment and other tools, as well as execute preventative and predictive maintenance. Receive real-time maintenance alerts based on live machine data readings.

#### Advanced Checklist



Comprehensive checklist and forms system that can be flexibly designed and customized to mimic and replace paper forms and checklists at the production site. Information stored in checklists can then be accessed to trigger events or visualized in dashboards and reports.

#### **Advanced Production Scheduling**



Comprehensive toolset that allows users to quickly generate production runs and resource orchestration automatically from sales orders. Easily reschedule based on production needs or constraints (resources, machines, personnel or urgency)

#### **Alarms and Alerts**



Triggers configurable notifications or updates to send to management/operators when there are delays or breakdowns during the production process. Notifications can be enabled for Telegram, Whatsapp, SMS and email

#### **Dashboard Designer**



Provides configurable dashboards management to important KPIs through a series of charts, graphs data and measures. Allows users to monitor operations at different locations and sites across the entire production line.

#### **Permissions Module**



Enables manufacturers to easily attribute roles for each user that controls the tasks and actions they can perform within the system, in workflow assignments, streamlining business tasks.



# GRANT QUALIFICATION AND PRICING

# **HOW TO QUALIFY**



Registered and operating in Singapore



Subscription of Arcstone's solution must be used in Singapore



Have a min of 30% local shareholding; w/ Company's Group annual sales turnover <\$100MM, OR <200 employees

# PRICING SUMMARY

Cost Item	Solutions	
	All-in-One - Basic	All-in-One - Customized
Software:      arc.lite     arc.quire     Alarms & Alerts     arc.flow     Advanced Scheduling     Dashboard Designer     Report Builder     Permissions     Equipment Monitoring     Advanced Checklist     Anomaly Detection		
Professional Services:  • Customization & Deployment Support (8hours/day,10 man-days)		✓
<ul><li>Training:</li><li>1-day group training session to learn how to use Arcstone's software for up to 10 team members</li></ul>		✓
Annual Price Before GST	\$38,420	\$47,220
Qualifying Cost	\$25,000	\$31,800
Grant Support (up to 70%, \$30K SME Cap)	\$17,500	\$22,260
Annual Price After Grant	\$20,920	\$24,960

# **ADDITIONAL INFO**

PSG pre-approved packages provide annual subscription licenses to Arcstone's solutions. Customers can apply for the PSG for the first year to support the cost of Arcstone's subscription licenses. Costs for subsequent years would have to be borne in full by the customer.

