IMM™ License – What is Included:

RockWEB Application - Web application (Unlimited Installations)

Microsoft 365 Windows Application - Windows client application (Unlimited Installations)

Shift Recap - Supervisor end of shift OEE reporting combining automated and manually entered data

5D Logs - Complex filtering and reporting for real-time and historical data exportable to Excel

Up to 50 customer specific KPIs can be used for analysis of real-time and historical performance. Historical data can be grouped by Shift, Date, Week, Month, and Year over a selected Date Range. KPIs can be compared against Machines, Jobs, Tools/Molds, Cavities, Parts, Materials, Operators, etc.

Standard 5D Logs, were applicable, are Listed Below.

- Cycle (Real-Time Data Automatically Entered)
- Fault (Real-Time Data Automatically Entered)
- Reject (Real-Time Data Automatically Entered)
- Stop (Real-Time Data Automatically Entered
- Downtime (Real-Time Data Automatically Entered)
- Downtime Summary (Summarized by Shift)
- Scrap/Rework Transaction (Real-Time Data as Manually Entered)
- OEI Defect (Real-Time Data as Manually Entered)
- Scrap/Rework Summary (Summarized by Shift)
- Call (Real-Time Data as Manually Initiated and Answered)
- Alarm (Real-Time Data as Manually Initiated and Answered)
- Event (Real-Time Data as Manually Initiated and Answered)
- Action (Real-Time Data as Manually Initiated and Answered)
- Shift Recap by Machine (Summarized Calculation by Shift, Department, and Machine)
- Shift Recap by Job (Summarized Calculation by Shift, Department, Machine, and Job)
- Shift Recap by Department (Summarized Calculations by Shift and Department)
- Operator Login (Real-Time Data as Manually Entered)
- eMsg (Real-Time Data Automatically Entered)
- Part Counts (Summarized Calculations by Shift and Part)
- Material Usage (Summarized Calculations by Shift, Job, Part, and Material)
- Machine/Station Cycle Values for Traceability (Real-Time Data Automatically Entered)
- Operator Performance (Summarized Calculations by Operator, Shift, Machine, and Job)
- Station/Machine Specific cycles with process data (Real-Time Automatically Entered)
- Customized Logs and Reports added upon request

Hourly Count Graph - Hourly cycle, targets, and scrap count graphs by machine, department, or plant

eWBD - Electronic white/part board Dashboard display with hyperlinks displaying a single machine or work center.

Boxscore - Dashboard interface with machine KPI values displayed within a color-coded box.

Array - Dashboard interface with machine KPI values displayed within color-coded rows and columns.

Hourly Array - Dashboard interface with machine KPI values displayed within color-coded rows and columns featuring columns for each hour displaying hourly counts or hourly OEE

Layout Designer – Custom web-based dashboard that allows images and GIFs along with color-coded text boxes and lines to represent a plant or work center layout

Status Gantt Chart – Web-based Dashboard showing color-coded statuses for each shift for each applicable machine or station.

Trend Tool – Dynamic trending graph interface to display for applicable process data over time

Birth Certificate - Traceability report showing all cycles associated with a specific bar code if available.

Call - Operator manual notification of issues from floor device or Alarm automatic notification.

TV - Standard large display and interface scrolling

Cash Register - Operator touch screen for logon, job change, scrap entry, down time reason, Call initiation and answer, process change entry, checklist completion, document display, etc.

Live Sequence - Real-time job scheduling and sequencing

Order Management – Scheduling module linking customer orders to production and material management.

Material Needs/Used – Utilizing BOMs for each part, the amounts of materials used and needed are reported in conjunction with production and the Order Management module.

PM Tracker - PM scheduling and PM history for each mold/tool/machine/asset

Flex Fields - Configurable dynamic data place holders for configuration and production tables which allow the system to be flexible for different manufacturing environments and different customers

Tag Change - Record timestamped entry for every change of automated set points or other key automated values to provide a historical log of all changes including assembly line Bypasses.

Relational Configuration - Tables for machine, tool, job, part, defect codes, downtime codes are provided to facilitate advanced calculation and reporting

Security - Configurable user and/or computer-based security

Department/Work Center Shift Scheduling - for handling business dates and shifts.

Operator Login – provide interface for operators to login manually or with a badge linking them to cycles, downtime, and defects

IMM™ License Included Services

Turnkey Integration includes searching through PLC/HMI programs or adding PLC addresses to provide data collection of cycles, faults, rejects, and other applicable elements. It includes integrating with RJG eDarts for applicable systems.

Configure OPC Server software (KepserverEx) and SQL Server (OPC2DB) for Data Collection. Test and debug accuracy of data being collected.

Turnkey integration including Shifts, Departments, Machines, Jobs, Parts, Materials, Downtime Codes, Scrap/Rework/Defect Codes, Machine Statuses, and Machine Calls

Training provided at the request of the customer.

Add-On Products, Applications, and Modules

Go to http:\\rockwarecorp.com\downloads\2022_Add-On_Schedule.pdf to learn more about add-on products, applications, and modules that connect to IMM.