



Reader and i-Tag based system

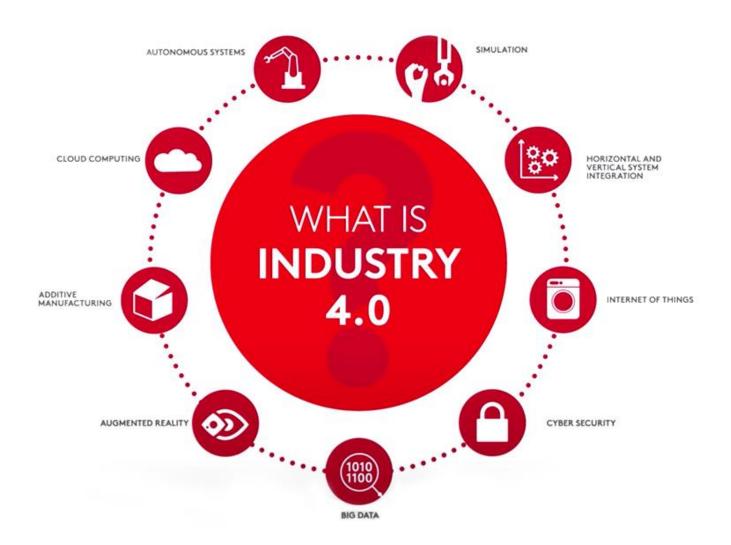
Real Time data capture & Monitoring Console







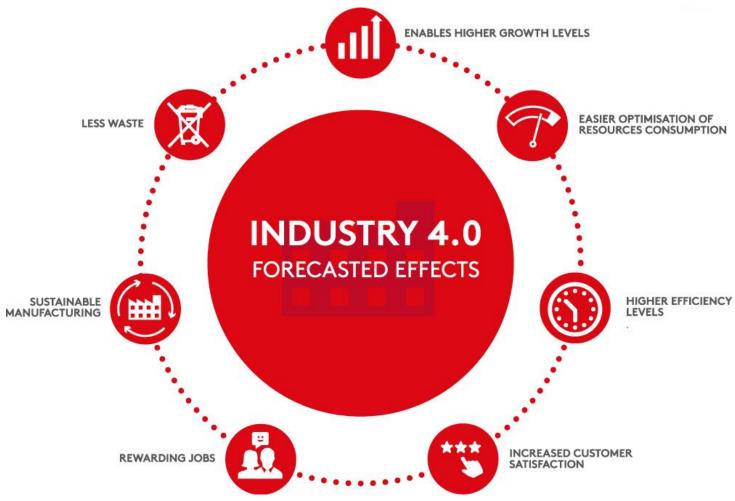




















Data Readers



Data Mine



Analytic Console









MA-JEVI Reader

MA-JEVI readers capture the punches made by the operators for Log-In, Log-Out, Vehicle Start and Vehicle End and updates the information in the central database server instantaneously.

The reader displays the Operator's name, Target, Actual production, Efficiency, Idle Time and Excess Time.

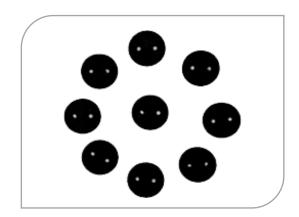
The reader has four functional keys for the following:

- Info Toggle between Operators' production and Operation time details.
- Mech During machine breakdown, Operator can request for a maintenance attention by pressing this key. Reader sends an alert as SMS to the concerned maintenance person.
- Supr Operator can request for a Supervisor attention by pressing this key. Reader sends an alert as SMS to the concerned supervisor.
- Sngl For Piece-by-piece accounting, this key is pressed on completion of service of every vehicle











- RFID Low Frequency
- RFID High Frequency
- Input via Reader Keypad





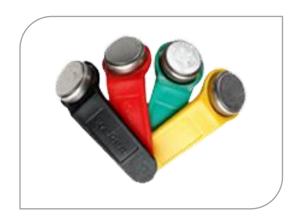


Black – Vehicle Tag, will be assigned to the vehicle with ref to RO @ the Entry

Red – Technician Tag, will be assigned to each technician in the workshop

Green – QC Tag, will be assigned to each QC person in the workshop

Yellow – Cleaning or other attenders Tag, will be assigned to other attenders in the workshop









Reader (QC)

A MA-JEVI Reader is attached to every Bay in the workshop. This reader can be configured as Waiting / Service / QC / Finished.

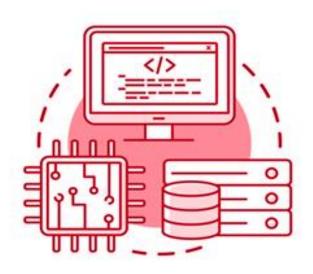
The Reader displays the operators' name, Wash, Service, rework, waiting for parts and Customer complaints.

VECTOR S









Data Capturing Software:

This software is installed in the Data Capturing PC in the production floor which captures the punches from all the readers and updates the central database instantaneously.

Dashboard:

MA-JEVI Dashboard is an application software that displays the real time status of all the service lines graphically. This application is installed in all the client machines. This application refreshes the data automatically at the set intervals of time.













Exit





Vehicle Parking







Metric Display



LED TV



Indicators

VECTOR 9











MA-JEVI DashBoard is an application software that displays the real time status of all the service lines graphically. This application displays the macro level information of all the service stations. Micro level information can be viewed by drilling down the respective cells.

Key columns displayed are Man Hours, No .Of Operators, Available Minutes, Days Target, Feeding, Sewing Output, Check Passed, Rejection, WIP, Idle Time, Rework Time, Breakdown Time, Non Productive Time, Production Time, Excess Time, Line Efficiency, Estimated Output.

Provides various types of graphs at all levels for analysis and comparison.







On Std. Time	Off Std. Time	Production
Operator worked minutes	Operator Idle time	Operators' production
Produced minutes (Pieces X SAM)	Operator NPT	Operations' production
Cycle Time	Machine Down time	Style / Order Production
	Alteration time	Color / Size wise Production
	No Feeding	Line / Section Production
	Operator Training	Work In Progress
	Line Setting	Utilization of Minutes
	Line NPT	QC Pass/Rework / Rejection
		AQL
		Finishing
		Packing







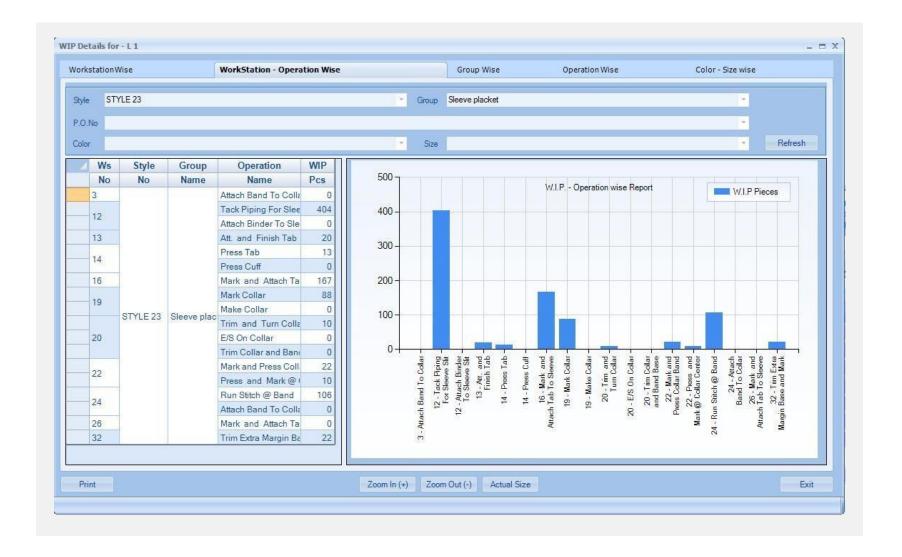


Operation wise & Operator wise





WIP Reports (Workstation)







| Select | Man | Man | Select | Man | Man | Select | Man | M

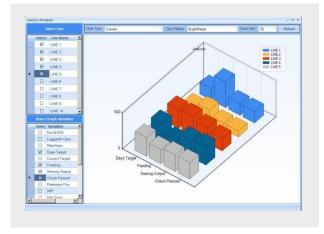




Key Features

- Operation time (SAM) validation
- Sequential integrity of the operations
- Avoids double accounting of production/Service
- Accountability of Off-standard time viz, Idle time,
- Breakdown time, Rework time and Non Productive time
- Supports Progressive Vehicle service operations
- Supports Individual Incentive methods
- Seamless integration to other application systems
- Features and validations of this system are user configurable







Key Benefits

- Centralised on-line production status
- Accurate operator performance
- Alerts for exceptional situations
- Efficient line balancing
- Decreased downtime
- Improved Work In Progress
- Improved in-line quality control
- Reports in multiple formats
- User friendly application interface









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