Improve

Vibes OEE

Measuring Milestones

Measure

Injection Moulding | **Press Machines** | **Worker** | **Supervisor** | **Management**

Overall Equipment Effectiveness (OEE)

SeethaRam
Mechatronics Pvt Ltd

seetharam.in

Bridging Gaps in Technology

Connect   **Monitor**   **Control**

# ‖Vibes‖ - *OEE (Overall Equipment Effectiveness)*

VIBES OEE enhances the manufacturing process by gathering accurate, actionable production data and making it available to stakeholders in real-time. That way, they can make improvements during the shift as opposed to supervisors looking at data retroactively.

VIBES OEE *offers*

☞ Rich Data Foundation

Vibes OEE, we can track the losses of each component of our production line and machines. This gives us a detailed picture of the effectiveness of our machines to produce products with extraordinary precision. We can also measure the true potential of our factories by determining how well our manufacturing processes perform.
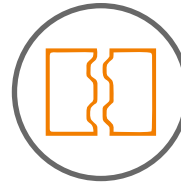
Because OEE allows us to identify real problems in a more strategic way, eg. Eg staffing, the supply of materials, planning, and changes; it gives us the ability to address these issues directly.
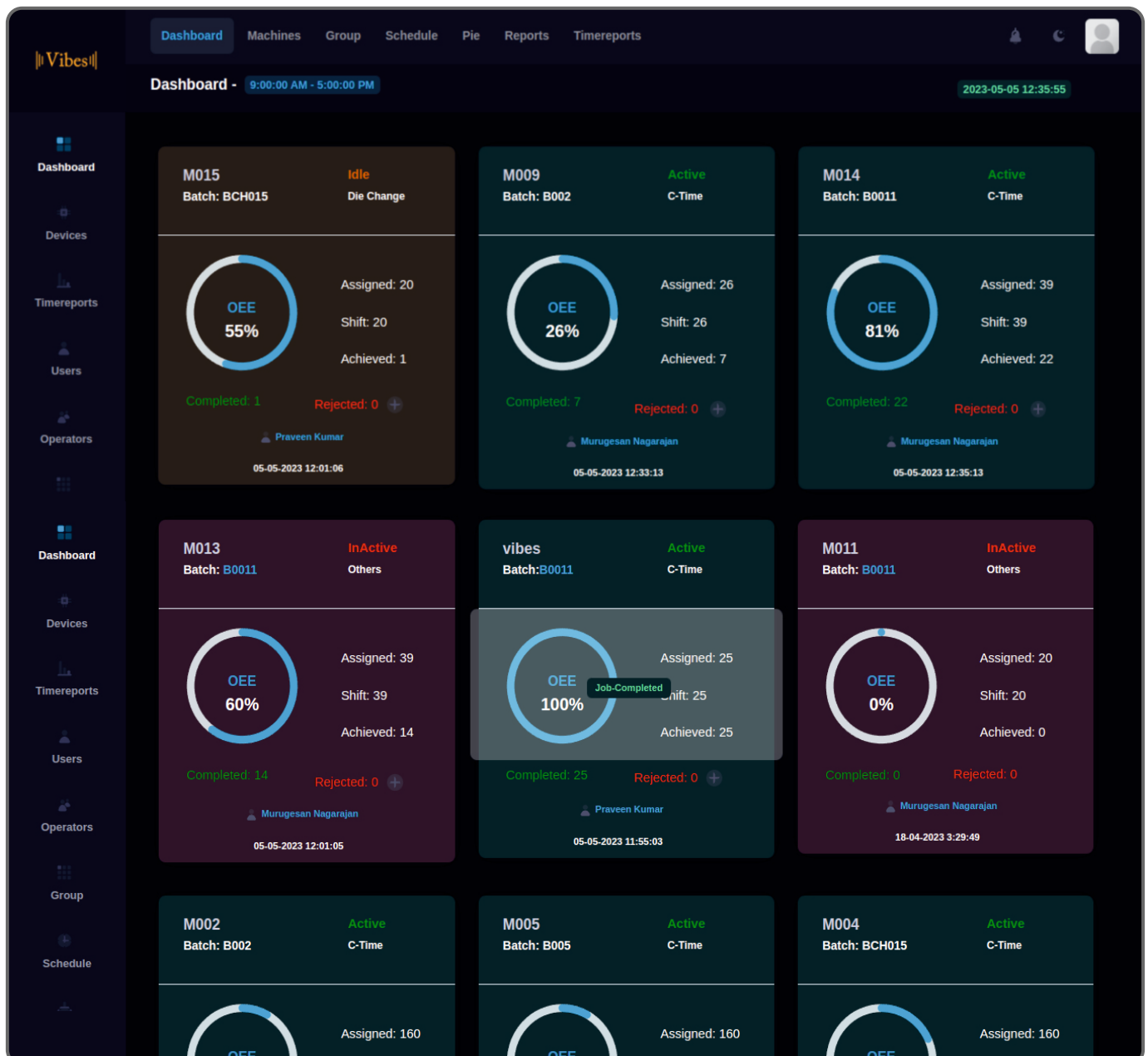
👉 Accurate and Unbiased Data in Real Time

Impact on machine Availability:

1. Planned stops
2. Unplanned stops

Impact on machine Performance:

1. Micro stops
2. Slow cycles

Impacting the Quality delivered by the machine:

1. Start-up rejections
2. Production rejects

Mould Change **Machine Breakdown**

Micro Stops **Rejection**

👉 Rich & Meaningful Reports

Top Management View

Group Companies **Overview Performance** **Assets**

Executive View

Production & Rejections **Mould Master** **Schedule & Reports** **Users & Operators**

👉 Inputs to Improve Productivity

Apart from popular manufacturing improvement methodologies such as Lean Manufacturing, Six Sigma, OEE can give you the IDA factors for productivity increase:

I X **D** X **A**

| Capture Loss *Information* | *Decide* Counter measures | *Action* Measure & Improve |

Reports

2023-05-05 13:42:42

May 5, 2023 - May 5, 2023

Machine	Efficiency	Completed	Rejected	Productiontime	Downtime	Totaltime
vibes-4022D8634B08	9	98	0	04:16:00	02:42:00	07:58:00

Ordername	Efficiency	Completed	Rejected	Productiontime	Downtime	Totaltime
PO5	9	23	0	02:41:00	15:59:00	18:40:00

Die	Efficiency	Completed	Rejected	Productiontime	Downtime	Totaltime
d5	9	23	0	02:41:00	15:59:00	18:40:00
M015		28	42	0	05:22:00	11:32:00	19:54:00
M014		17	39	0	02:18:00	04:38:00	07:56:00
M013		9	14	0	01:28:00	05:28:00	07:56:00

Domain Expertise

Connect   **Monitor**   **Control**   Digital Twin
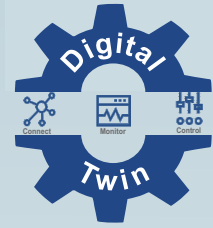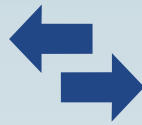
Detection, measurement, analysis of physical parameter measurement

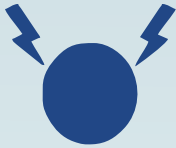Force   Displacement   Torque   Pressure   Temperature
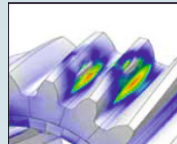
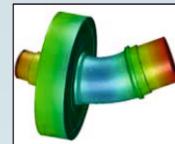## Augmented analytics for fast, predictive and insightful engineering.

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