



Introducing Conecdash- Compense: Your Industrial Efficiency Partner

Harnessing the power of precision monitoring and data analysis to optimise your industrial operations.

Agenda

01

The Industrial Challenge

Understanding the complexities of modern industrial operations.

03

Core Components

Delving into the energy meter and scanner.

05

Key Applications

Where Conecdash makes the biggest impact.

02

Introducing Conecdash

An overview of our innovative monitoring and analysis kit.

04

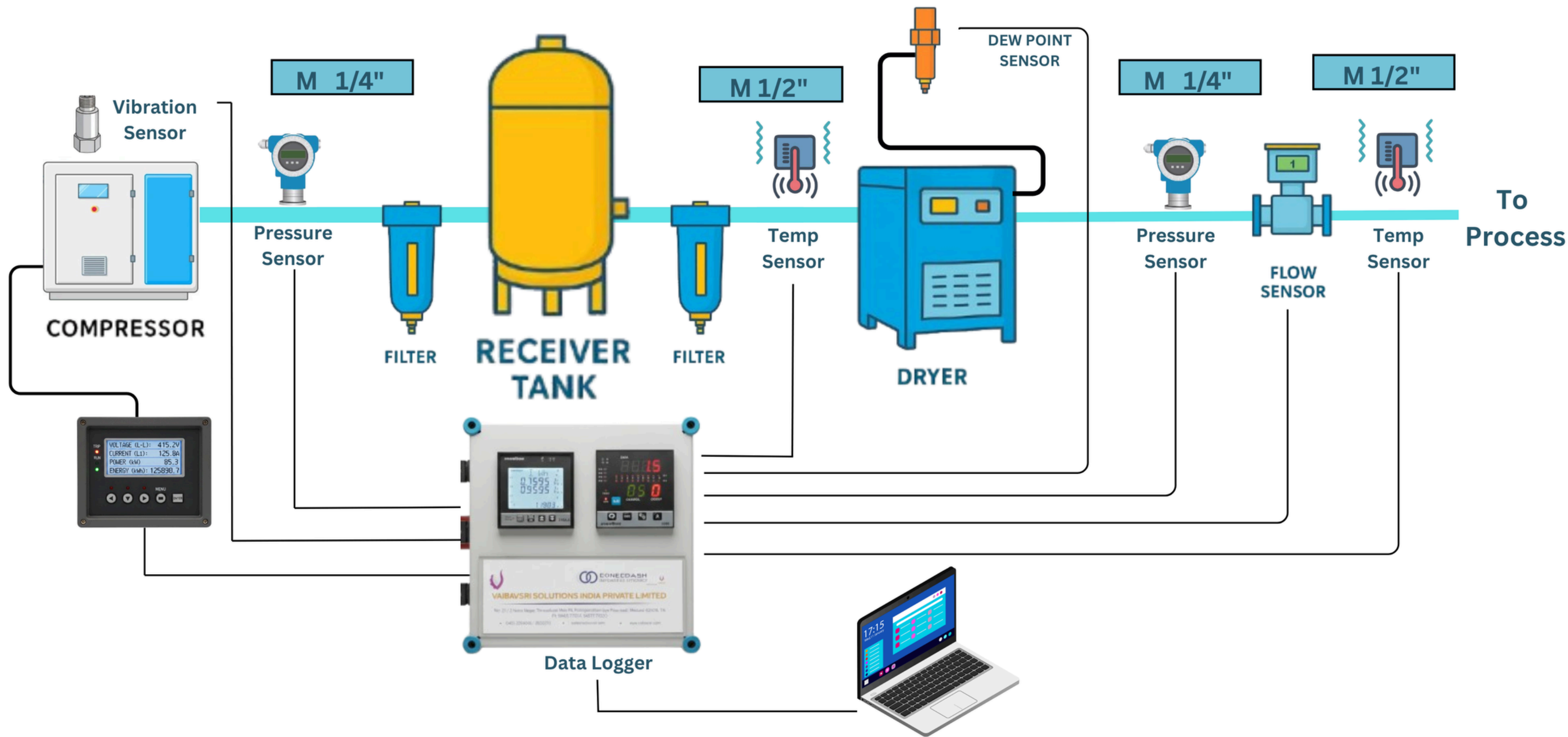
The Conecdash Software

Unlocking data insights and actionable reporting.

06

Benefits for Your Business

Real-world advantages and ROI.



The Industrial Challenge: Optimising Operations

In today's competitive industrial landscape, efficiency is paramount. Facility managers, maintenance engineers, and procurement decision-makers face constant pressure to reduce operational costs, improve uptime, and ensure optimal performance of critical machinery.

High Operational Costs

Unforeseen energy consumption and inefficient resource utilisation.



Unscheduled Downtime

Loss of production due to unexpected equipment failures.

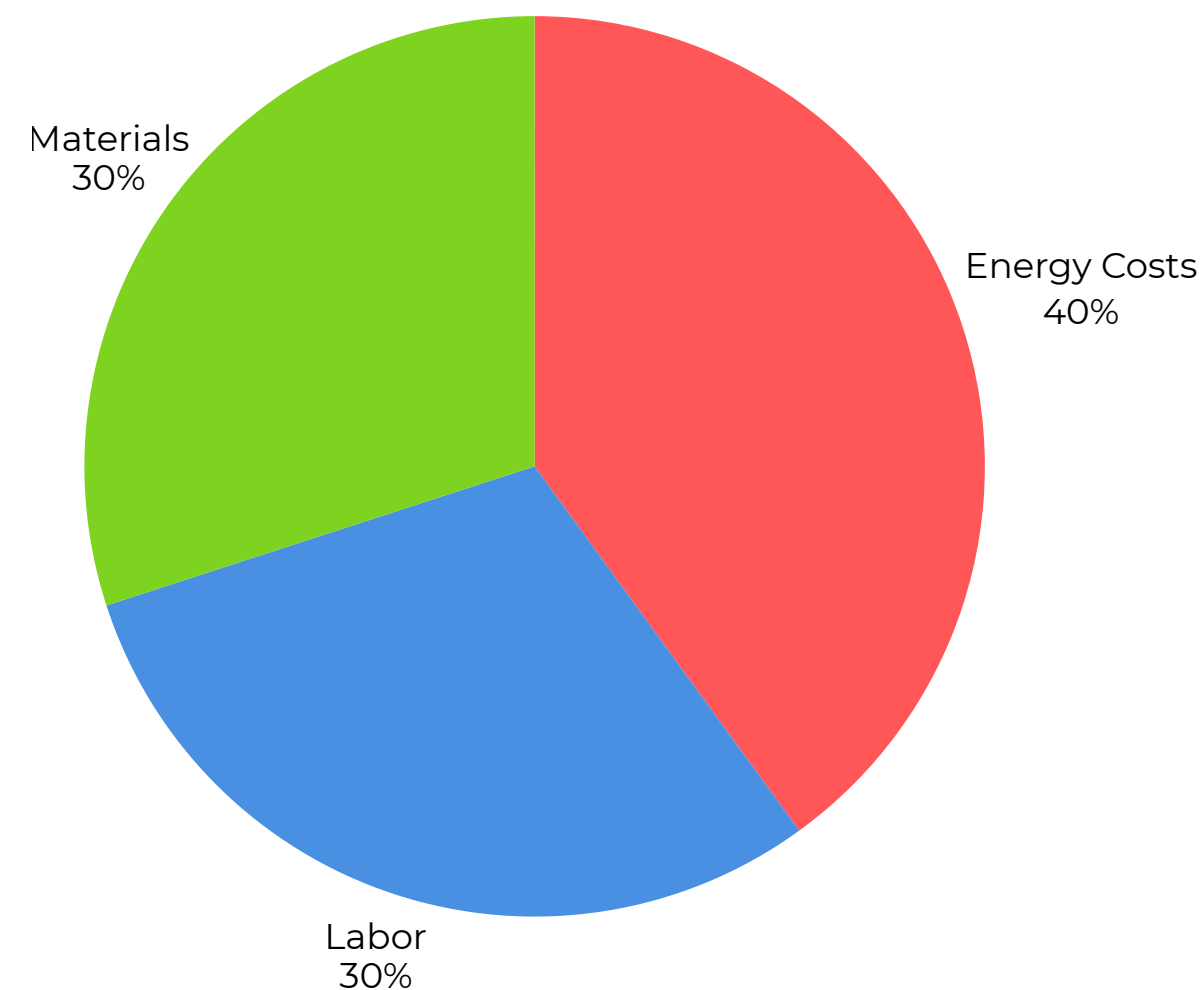


Lack of Data Visibility

Difficulty in identifying performance bottlenecks without real-time insights.

Challenge 1 – High Operational Costs Deep Dive

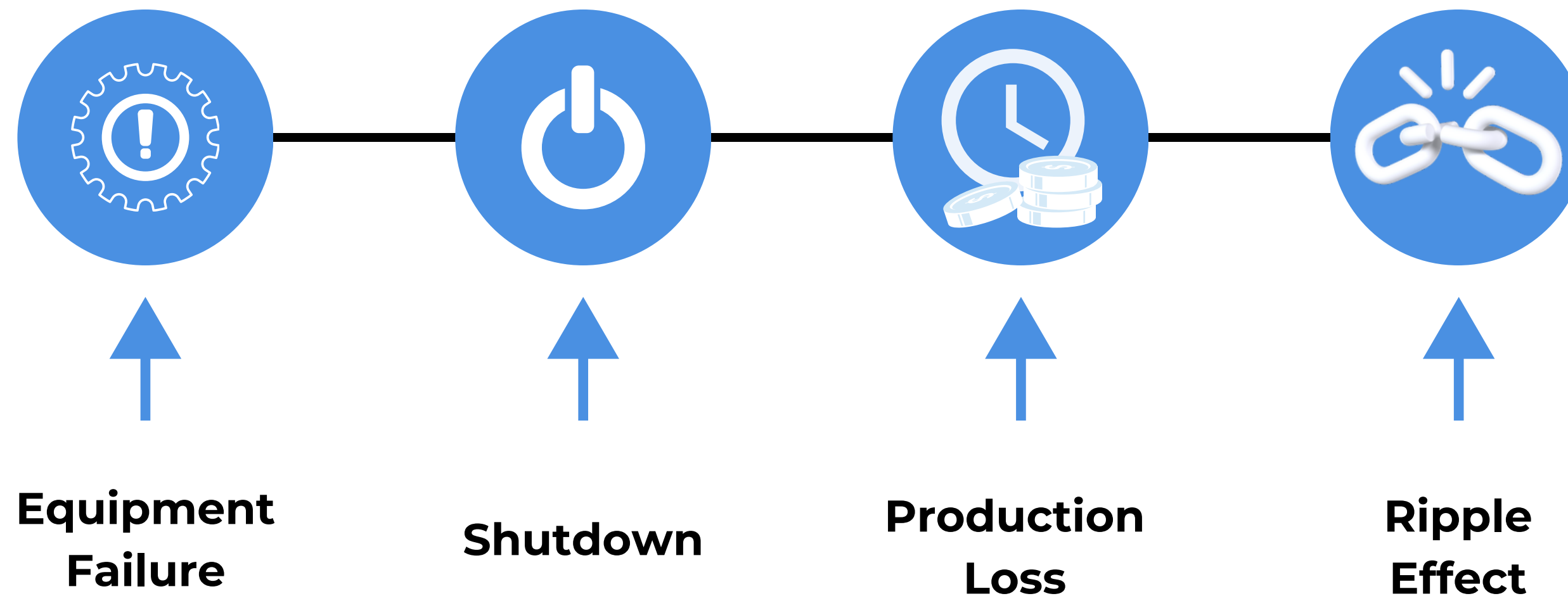
In India's dynamic industrial arena, surging energy expenses pose a critical threat to margins. As the sector devours 43% of national electricity with consumption surging 29% from 2014-2024—leaders confront hidden surges and resource waste that balloon operational outlays by up to 20% annually.



- Energy accounts for 30-50% of manufacturing costs (IEA 2025 data).
- Unforeseen spikes from idle machines: Up to 20% waste.
- Poor power factor leads to ₹2-5L extra bills annually.
- Erodes profit margins in volatile energy markets.

Challenge 2 – Unscheduled Downtime Breakdown

In today's fast-paced industrial sector, unscheduled downtime emerges as a silent killer of productivity. It triggers abrupt production halts, averaging \$260,000 in losses per hour, while demanding frantic repairs that strain resources and jeopardize delivery timelines.



Challenge 3 – Lack of Data Visibility Insights

In today's data-driven industrial era, the absence of clear visibility into operational performance is a critical blind spot. Facility managers and engineers grapple with fragmented data, where delayed insights lead to missed opportunities, costing industries an estimated \$500 billion annually in preventable inefficiencies. This lack of real-time oversight transforms routine challenges into costly crises, underscoring the urgent need for transformative solutions.



- Blind Spots: Manual logs miss 70% of anomalies (Gartner 2025).
- Bottlenecks: Hidden inefficiencies in sensors/loads.
- No Real-Time: Delays decisions by days, amplifying issues.
- Consequence: Reactive fixes cost 3-5x more than proactive.

Introducing Conecdash: Your Data-Driven Solution



CONEC DASH
EMPOWERING EFFICIENCY

Conecdash is a comprehensive monitoring and analysis kit designed by Vaibavsri Solutions India Pvt Limited. It provides industrial facilities with the tools needed to gain unparalleled visibility into their operations, enabling proactive maintenance and significant efficiency gains.

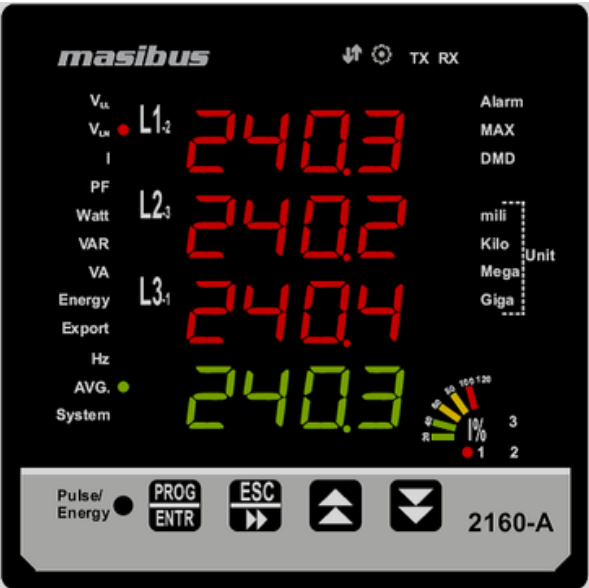
Vaibavsri Solutions India Pvt Ltd, after years of dedicated R&D and relentless innovation, has achieved a groundbreaking solution to revolutionize industrial efficiency. This culmination of expertise and cutting-edge technology addresses the core challenges of cost, downtime, and data visibility, paving the way for a smarter, more resilient future.



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Parameters	Instruments supported	Mode	monitoring ,logging and reporting	Alerts System(Y/N) (Normal /Advance)	Kit based (Y/N)
Default: Power, Pressure, Temperature, Flow (pump parameters and etc.)* Optional: Any parameter from corresponding meters having RS485	Default: MFM (2160-A), Masibus -8208, Instrument getting sensor input, meter for pump parameters Optional: Any meter with RS485	 Edge	 Yes	 Yes-Normal	 Yes

Core Components: Precision Hardware



Energy Meter



Scanner



Software



RS485
Communication

Core Components: Precision Hardware

The Energy Meter

This robust device provides a comprehensive overview of your electrical system's health and consumption. It displays all critical energy parameters in real-time, allowing for immediate identification of anomalies or inefficiencies.

- **Frequency:** Monitors grid stability.
- **Power & Power Factor:** Indicates energy efficiency and potential for savings.
- **Voltage & Current:** Ensures stable power delivery and prevents equipment damage.
- **And many more:** A full suite of electrical measurements.

The Scanner

Complementing the energy meter, the scanner is designed to read data from various industrial sensors. It acts as a crucial data aggregator, converting analog sensor inputs into digital information for analysis.

- **Analog Input Capability:** Connects to a wide range of industrial sensors (e.g., pressure, temperature, flow).
- **Real-time Display:** Provides immediate readings from connected sensors.
- **Versatile Connectivity:** Ensures compatibility with diverse industrial setups.

The Conecdash Software: Unlocking Data Insights

The true power of Conecdash lies in its intuitive software platform. This central hub consolidates data from both the energy meter and the scanner, transforming raw readings into actionable intelligence.

Centralised Monitoring

View all parameters from both devices on a single, user-friendly interface.

Precision Logging

All data is continuously logged, providing a historical record for trend analysis and troubleshooting.

Reporting & Analysis

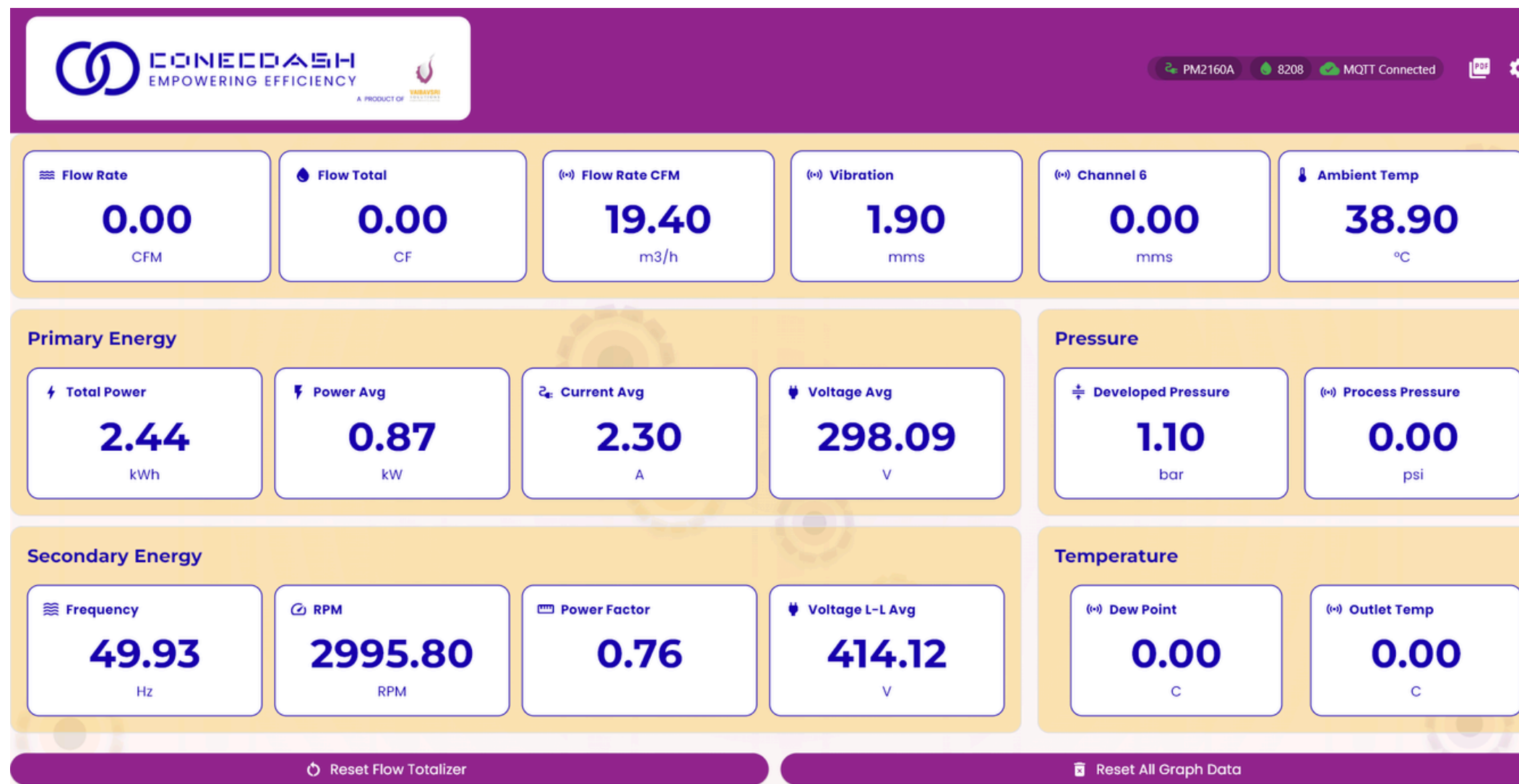
Access a dedicated reporting page to review logged data, identify problems, and receive solution recommendations.

PDF Export

Effortlessly export detailed reports in PDF format for sharing and record-keeping.

The Conecdash Software: Centralised Monitoring

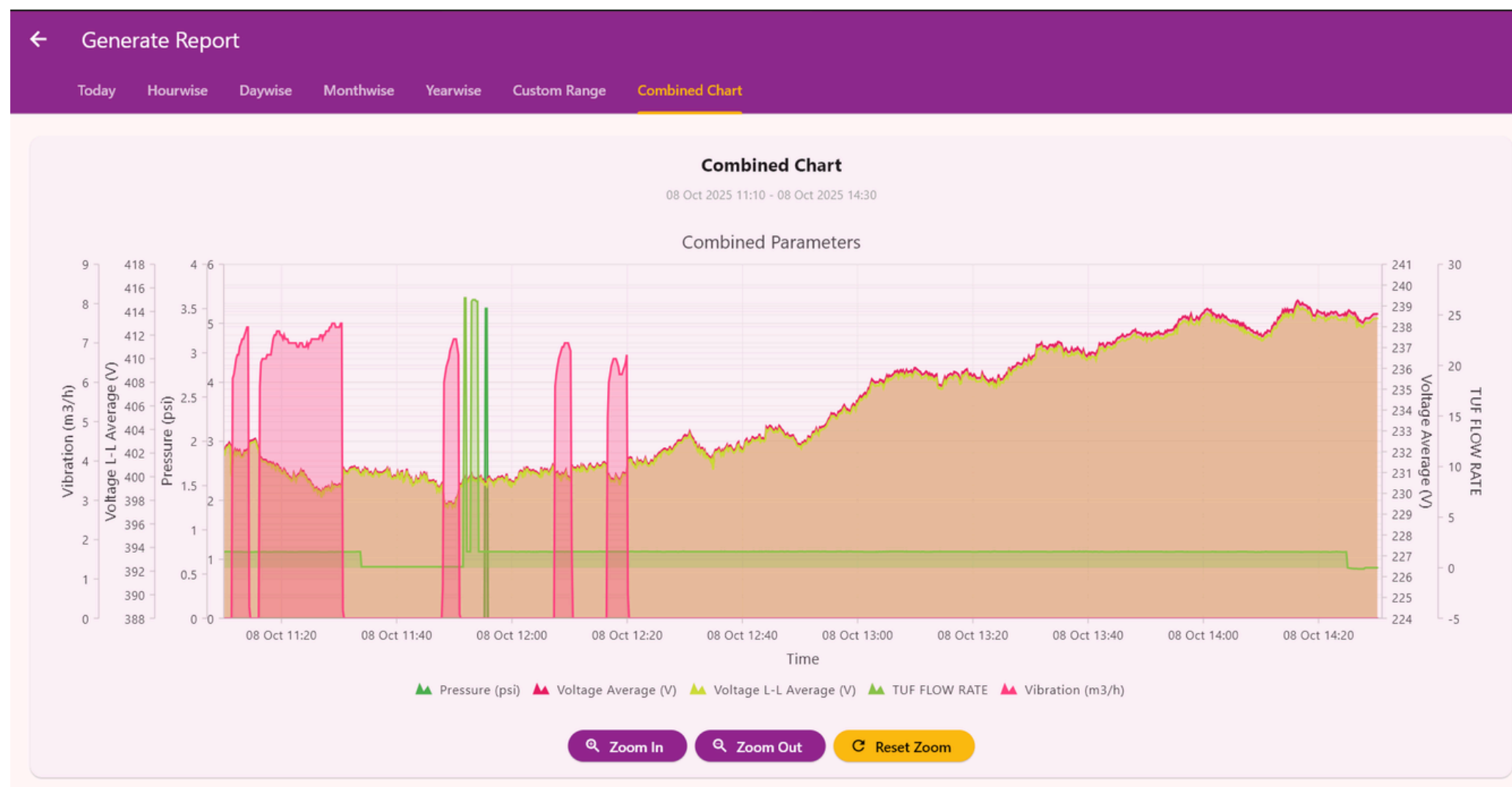
In an era where every second counts, centralised monitoring emerges as the heartbeat of industrial efficiency, uniting scattered data into a single, actionable pulse. Vaibavsri Solutions India Pvt Ltd has engineered this capability to empower facility managers with unparalleled control, transforming chaos into clarity in real-time.



- Live Data Aggregation: Consolidates 20+ metrics (e.g., voltage, temperature, power) from multiple devices.
- Reduces response time from hours to minutes, minimizing downtime risks.
- Combining both Energy and Sensor data in one interface, enables engineers to analyse the performance of their machines.

The Conecdash Software: Logging, Analytics & Reporting

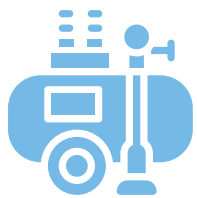
In the relentless pace of industrial operations, manual data tracking falls short, leaving gaps that erode efficiency. Vaibavsri Solutions India Pvt Ltd has pioneered logging to capture every detail effortlessly, turning raw data into a reliable foundation for smarter decisions and sustained performance.



- Granularity: Logs data from 1-second to daily intervals, capturing peak loads and anomalies.
- Storage Options: Secure cloud storage or local storage for offline access.
- Export Capability: Generates reports with graphs and tables for efficient analytics.
- Audit Trail: Time-stamped entries for compliance and troubleshooting.

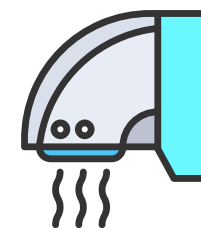
Key Applications: Where Conecdash Excels

Conecdash is engineered for maximum impact in various industrial settings, focusing on critical equipment where efficiency and uptime are paramount.



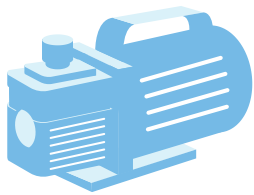
Industrial Compressors

Monitor power consumption, pressure, and temperature to optimise air compression, a significant energy user in many facilities.



Dryers

Track energy usage and humidity levels to ensure efficient drying processes and prevent product damage.



Pumps

Observe current, voltage, and flow rates to detect inefficiencies, cavitation, or impending pump failures.



And Many More

Applicable across a wide range of machinery where precise energy and sensor data are crucial for performance and maintenance.

Benefits for Your Business: The Conecdash Advantage

Implementing Conecdash translates directly into tangible benefits for your industrial operations, driving both cost savings and operational excellence.

1

Reduced Energy Costs

Identify and rectify energy wastage through precise monitoring.

2

Predictive Maintenance

Detect potential equipment failures early, preventing costly unscheduled downtime.

3

Enhanced Operational Efficiency

Optimise machinery performance based on real-time and historical data insights.

4

Informed Decision-Making

Leverage comprehensive reports to make strategic operational and procurement choices.

Conecdash in Action: A Case Study Snapshot

Consider a medium-sized manufacturing plant utilising multiple industrial compressors. Before Conecdash, the plant experienced frequent unexpected shutdowns due to compressor issues, leading to significant production losses.

Before Conecdash	After Conecdash
• Average 2 compressor breakdowns per month. • Reactive maintenance only. • Energy costs 15% higher than industry benchmarks. • No clear data on compressor health.	• 0 compressor breakdowns in 6 months. • Proactive, data-driven maintenance scheduling. • Energy costs reduced by 10% on compressors alone. • Real-time performance dashboards and detailed reports.

This highlights the tangible impact of continuous monitoring and data analysis on operational stability and cost savings.



Thank You

Empower Your Industrial Operations with Conecdash.

For more information or a personalised demonstration, please contact Vaibavsri Solution India Pvt Limited.