

Conecdash-Esense: Intelligent Industrial Device Monitoring

Empowering Efficiency & Centralized Intelligence for Modern Facilities.

A VAIBAVSRI SOLUTIONS PRODUCT



The Invisible Drain on Your Profitability

Reactive maintenance and manual data collection are quietly eroding your operational margins — every single day.



1 Undetected Equipment Failures

Unexpected breakdowns lead to critical, expensive downtime that could have been prevented.



 UNEXPECTED DOWNTIME

04:32:18

PRODUCTION STOPPED



IMPACT

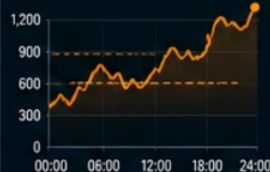
- Lost Production
- Emergency Repairs
- Higher Maintenance Costs
- Missed Delivery Commitments

2 Energy & Flow Blind Spots

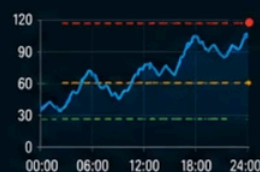
Unmonitored consumption patterns silently erode your operational margins over time.



ENERGY CONSUMPTION (kWh)



WATER FLOW (m³/h)



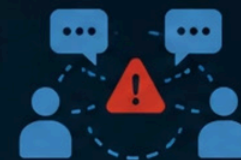
TODAY'S LOSS (ESTIMATED)

 **\$2,735**
WASTED

-  Abnormal usage detected
-  No real-time visibility
-  Margin erosion continues

3 Fragmented Communication

Disconnected systems delay critical response times to factory floor emergencies.



 PUMP FAILURE

MAINTENANCE TEAM

 EMAIL SENT **DELAYED**

SUPERVISOR

 MESSAGE SEEN **DELAYED**

ENGINEERING

 DATA RECEIVED **DELAYED**



See it. Predict it. Prevent it.

Our software brings real-time visibility, predictive insights, and seamless communication together — so you can stop the leaks, avoid downtime, and protect your profitability.



Real-time Visibility

See everything.
Act faster.



Predictive Insights

Anticipate issues.
Prevent failures.



Operational Reliability

Reduce downtime.
Increase uptime.



Protect Profitability

Stop losses.
Drive growth.

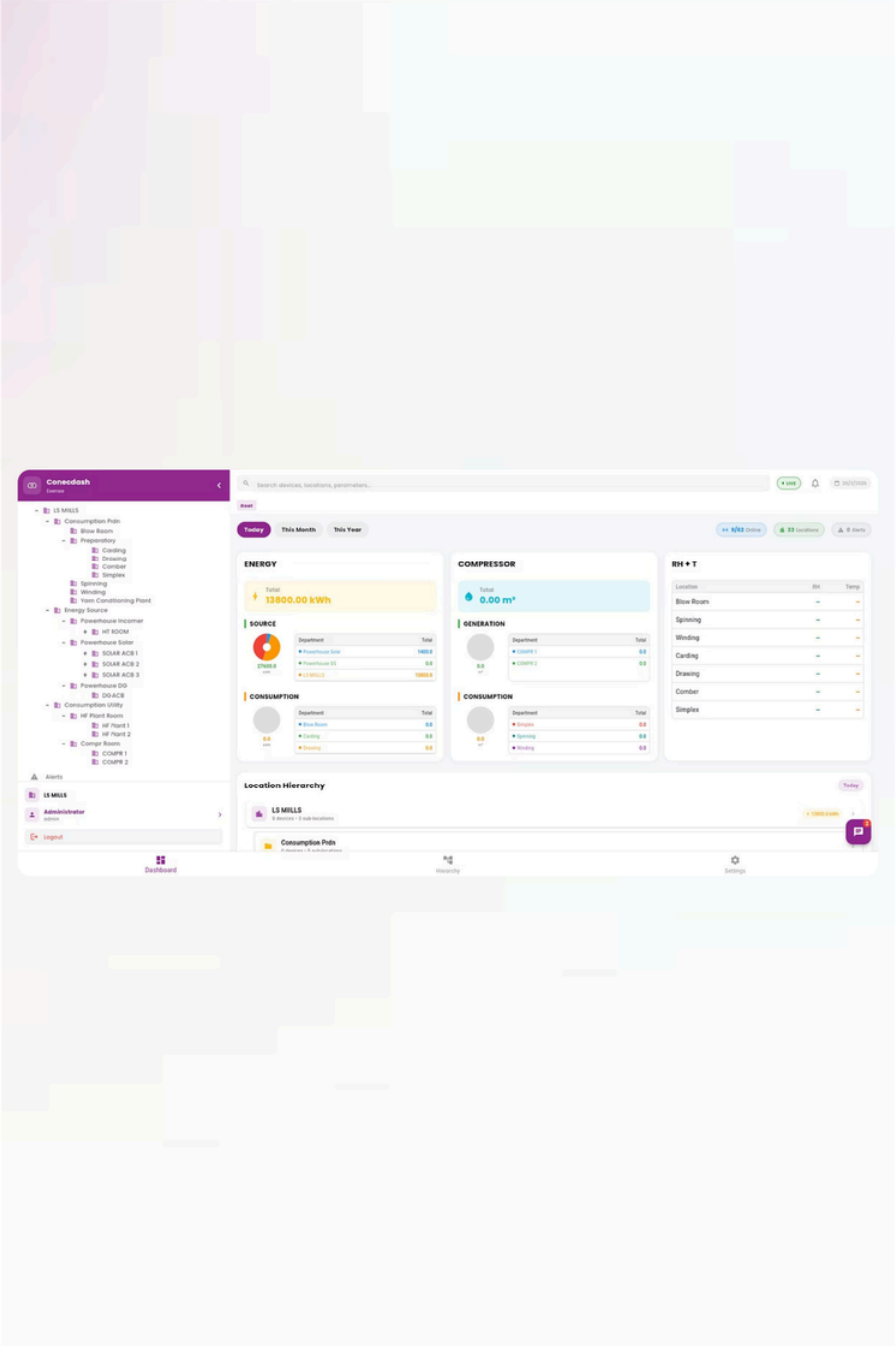
PLATFORM INTRODUCTION

Unifying Your Industrial Ecosystem

Conecdash-Esense is a centralized, enterprise-grade platform engineered to **monitor, manage, and optimize** your critical industrial assets in real-time. We bring Energy, Flow, and Environmental telemetry into one seamless, intelligent command center — replacing fragmented tools with a single source of truth.



Plug-and-Play Connectivity: Seamlessly connects with standard flow, energy, and sensor via meters, plus expandable integration for any RS 4 8 5 -compatible hardware.





Conecdash-Esense

Edge Monitoring Solution for Smarter Operations

							
Parameters	Instruments supported	Mode	Monitoring, logging and reporting	Alerts System (Normal/Advance)	Sync (Network/Cloud)	User Management (Y/N)	Auto Address Discovery
Default • Power • Flow • Pressure • Temperature • RH (via connected sensors) Optional Any parameter from corresponding meters having RS485	Default • Flow meter • Energy meter • Instrument getting sensor input Optional Any meter with RS485	 Edge	 Yes	 Yes-Advanced	 Network	 Yes	 Yes



Built-in Parameters

Monitor Power, Flow, Pressure, Temperature and RH with connected sensors.



Wide Instrument Support

Supports Flow Meter, Energy Meter, and instruments with sensor input.



RS485 Flexibility

Connect any RS485-enabled meter.



Edge Deployment

Reliable edge-based monitoring for real-time operations.



Advanced Alerts

Yes-Advanced alerts to act faster and prevent issues.



Network Connectivity

Seamless network sync for continuous data access.



User Management

Role-based access and user management.

NEW



Auto Address Discovery

Auto address discovery for quick setup.

One Platform. Total Control.

Unifying Your Industrial Ecosystem

Conecdash-Esense brings all your critical operational data together in one intelligent platform. Monitor, manage, and optimize Energy, Flow, and Environment in real time — with a single source of truth for your entire industrial operation.



CORE CAPABILITIES Engineered for Operational Excellence



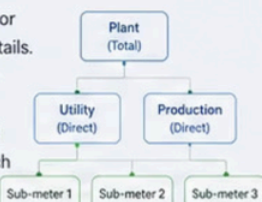
Proactive Anomaly Detection

We watch your critical parameters 24/7 and alert you the moment something goes off track — so you can act early and avoid costly downtime.



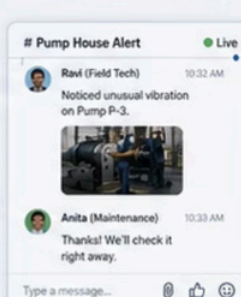
Granular Asset Hierarchy

See the big picture or drill down to the details. Track performance across your entire facility — from total consumption to each sub-meter.



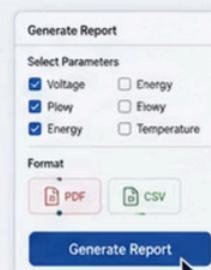
Context-Aware Collaboration

Talk, share, and solve problems in real time. Attach photos from the field and keep the right people in the loop when it matters most.



Custom Compliance & One-Click Reporting

Pick what you need, click once, and get clean, audit-ready reports in PDF or CSV. Stay compliant without the manual hassle.



Real-time Visibility
Know what's happening, right now.



Smarter Decisions
Act on accurate data, faster.

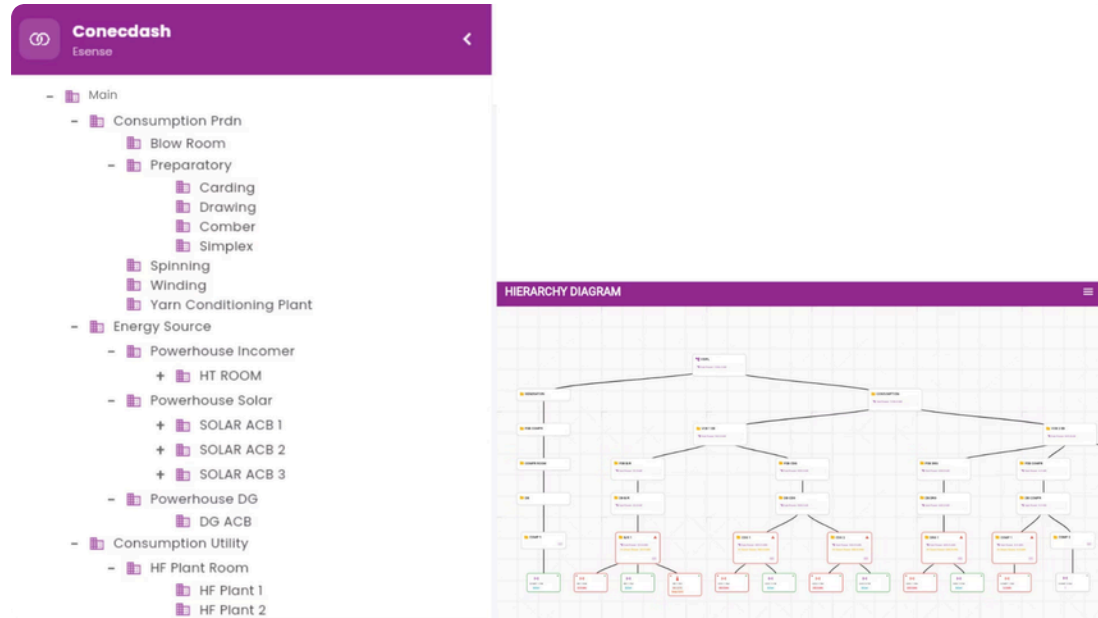


Higher Efficiency
Optimize resources and reduce waste.



Stronger Compliance
Simplify audits and meet regulations with confidence.

Navigate Your Operation with Absolute Clarity



- **The "Folder Path" System:** Move seamlessly from the **Root** (entire facility) through **Departments** (production lines) down to individual **Equipment** (meters).
- **Automatic Filtering:** Selecting a location instantly filters your dashboard to show only the relevant devices for that area.
- **Smart Breadcrumbs:** A clear path at the top of your screen shows exactly where you are in the facility tree at all times.
- **One-Click Reset:** Simply click any part of the path to jump back to a higher level or return to the full facility view.

Know. Now. Act.

Live Data. Instant Insights. Reliable Operations.

1. Live Telemetry

Color-coded gauges for Electrical, Flow, and Humidity data which indicates threshold.

⚡ Electrical (kW)



- 0 - 500 Normal
- 501 - 800 Warning
- 801 - 1000 Critical

💧 Flow (m³/h)



- 0 - 50 Normal
- 51 - 80 Warning
- 81 - 100 Critical

💧 Humidity (%)



- 0 - 40 Normal
- 41 - 70 Warning
- 71 - 100 Critical



2. Instant Trend Analysis

Click any parameter for on-demand 24-hour historical charting.



3. System Health

Real-time polling indicators guarantee absolute data integrity.

System Health Overview



All Systems Operational

- ✓ Data Acquisition Polling: 1s
- ✓ Telemetry Transmission Status: Healthy
- ✓ Database Connectivity Status: Healthy
- ✓ Time Synchronization Status: Synchronized

Live Polling Status

Parameter	Status	Last Updated
⚡ Electrical (kW)	● Live	10:24:30 AM
💧 Flow (m³/h)	● Live	10:24:30 AM
💧 Humidity (%)	● Live	10:24:30 AM



Live Data. Instant Insights.
Reliable Operations.



Real-time visibility
See what's happening, right now.



Faster decisions
Analyze trends and respond instantly.



Trusted data
100% integrity. Always.

High-Grade Industrial Security

Your facility's data belong to you. Conecdash-Esense is architected to keep it that way — with layered security controls at every level.



Role-Based Access

**ADMINISTRATOR
& VIEWER
PROTOCOLS
CONTROL
SYSTEM
ENTRY**



On-Premises Reliability

**OPERATES
WITHIN YOUR
LOCAL LOCAL
NETWORK,
KEEPING
PROPRIETARY
DATA UNDER
YOUR CONTROL**



InfluxDB Token Authentication

**SECURE
BACKEND
PREVENTS
UNAUTHORIZED
DATABASE
ACCESS**

Full Data Sovereignty

Unlike cloud-only solutions, Conecdash-Esense operates entirely within your local network — ensuring your proprietary operational data never leaves your facility.

- ⓘ Strict Administrator and Viewer role protocols enforce least-privilege access across your entire team.

ROI

Immediate Operational Payback



0
Manual Logs

Eliminate hours of weekly clipboard reporting with **automated telemetry capture.**



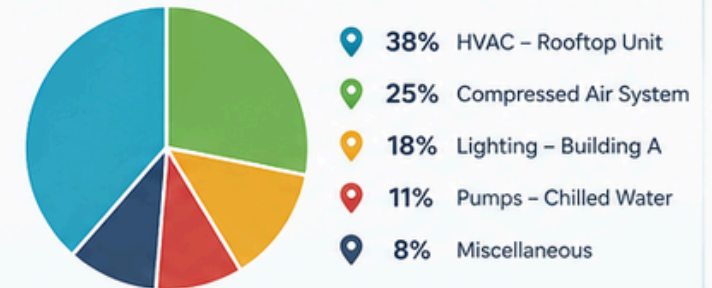
24/7
Live Alert Tracking

Shift from reactive repairs to preventative intervention using **real-time anomaly alerts.**



100%
Energy Waste Visibility

Pinpoint exact sources of energy waste using comparative **Pie Chart Location** analytics.



Lower Operational Costs
Reduce manual effort and eliminate energy waste.



Increase Uptime
Prevent issues before they impact operations.



Sustain & Comply
Drive efficiency, meet ESG goals, and support compliance.

Agile, Low-Friction Deployment

Designed for maximum impact with minimal IT overhead. Get your facility online in minutes, not months.

1

Minimal Requirements

Runs on standard Windows

10 / 11 with just 4 GB RAM and an SSD/HDD — no specialized hardware needed.

2

Guided Setup Wizard

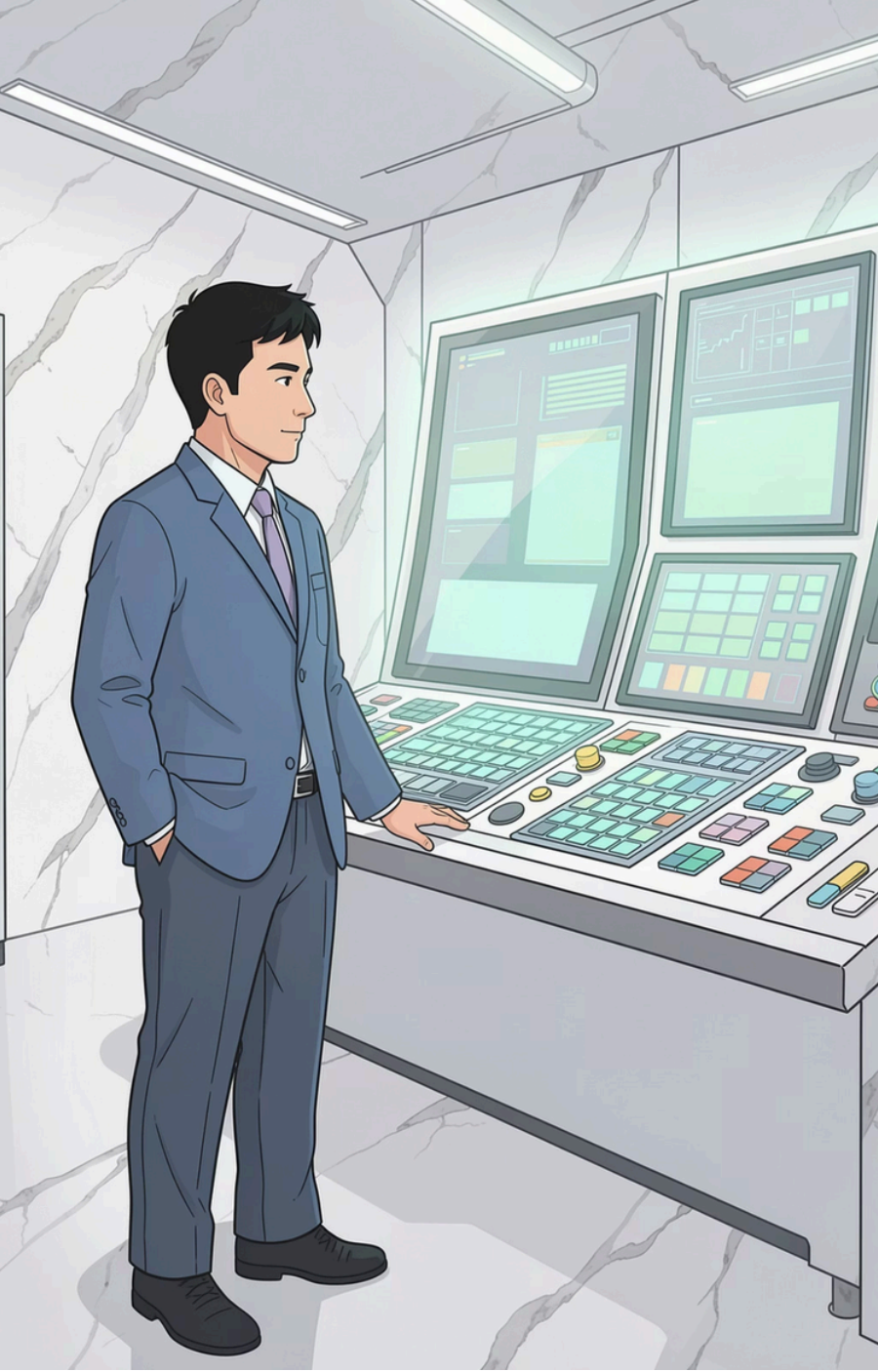
Intuitive step-by-step onboarding gets your facility connected and monitoring in minutes.

3

Scalable Licensing

Transparent pricing built to grow alongside your factory floor — from a single line to a multi-site enterprise.





Transform Your Facility Today

Stop reacting to your factory floor. **Start commanding it.** Conecdash-Esense gives you the intelligence, visibility, and control to lead with confidence.

Schedule a Technical Demo

See the platform in action with a live walkthrough tailored to your facility's needs.

Start a Pilot Program

Deploy a focused pilot on your most critical assets and measure results in weeks.

[Request a Demo](#)