

nebeskie

Nebeskie Labs Pvt Ltd www.nebeskie.com

enabling
digitization
& industry4.0

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Nebeskie Labs Pvt Ltd

Enture IIoT Edge Platform

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enabling digitization & industry4.0

About Nebeskie

Nebeskie Labs is a Climate Tech company focused on Industry 4.0, Digitization and Data Analytics for efficient and sustainable factories, buildings, and cities.



Our mission is to enable organizations with digitization and institutional investors DS, QP, and Veera Energy back our mission.

Our customer ranges from pharmaceuticals, forging, IT Parks, OEMs, Tea Factory, Textile, FMCG and others, providing a scalable and secure IIoT stack for sustainability and operational efficiency solutions.

Factories & Utilities



Buildings



OEMS and Technolgy Partners



75+
Live Sites

14
Types of Industries

30+
Use Cases

Digitize your facility!

Connect VFDs, Multifunction Meters,
,Sensors, SCADA, BMS and IT systems in
one platform



VFDs, PLCs, Multifunction Meters
and Sensors are the **building blocks**
of your operation

Operation Technologies and IT Systems in
your factory that communicates

VFDs

cooling/refrigeration system, pump systems,
compressors, air handling units, etc. Any process or
machine that requires precise speed and torque
control

PLCs

For any Automation

Multifunction Meters

Sub-metering and power quality monitoring

Flow Meters

For Water, Gas, Liquid Chemicals, fuel etc.

Sensors

For temperature, humidity, pressure, etc

IT Systems

ERP, SCADA, EHS, BMS, Legacy IT Systems, etc.

Why Asset Digitization ?

Digitization of Operation Technology allows tangible energy savings and operational efficiency in electrical, machines, and human resources







Save upto 40% of your operations cost

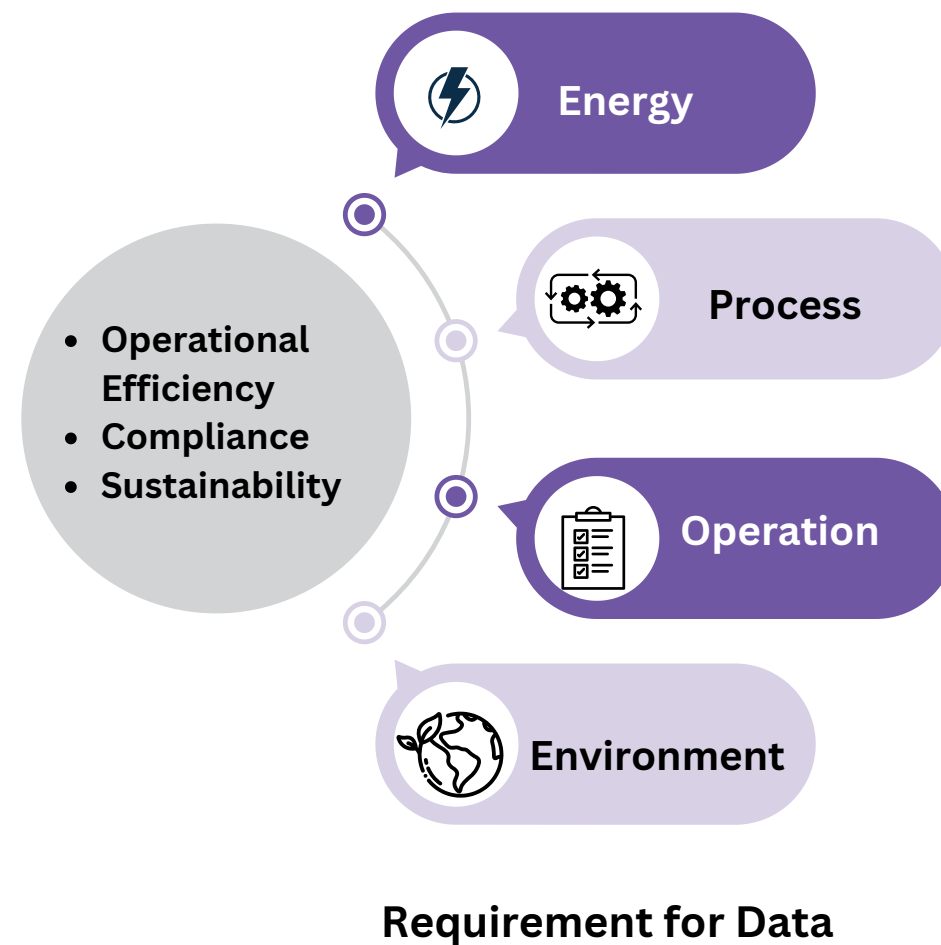
Digitization is Building Block

- Manufacturing Execution System (MES)
- Facility Management
- ESG and MIS Reporting
- GHG Reporting
- OEE and SEC
- Power quality and energy management
- Condition-based maintenance, and predictive maintenance.
- Sustainability Certification

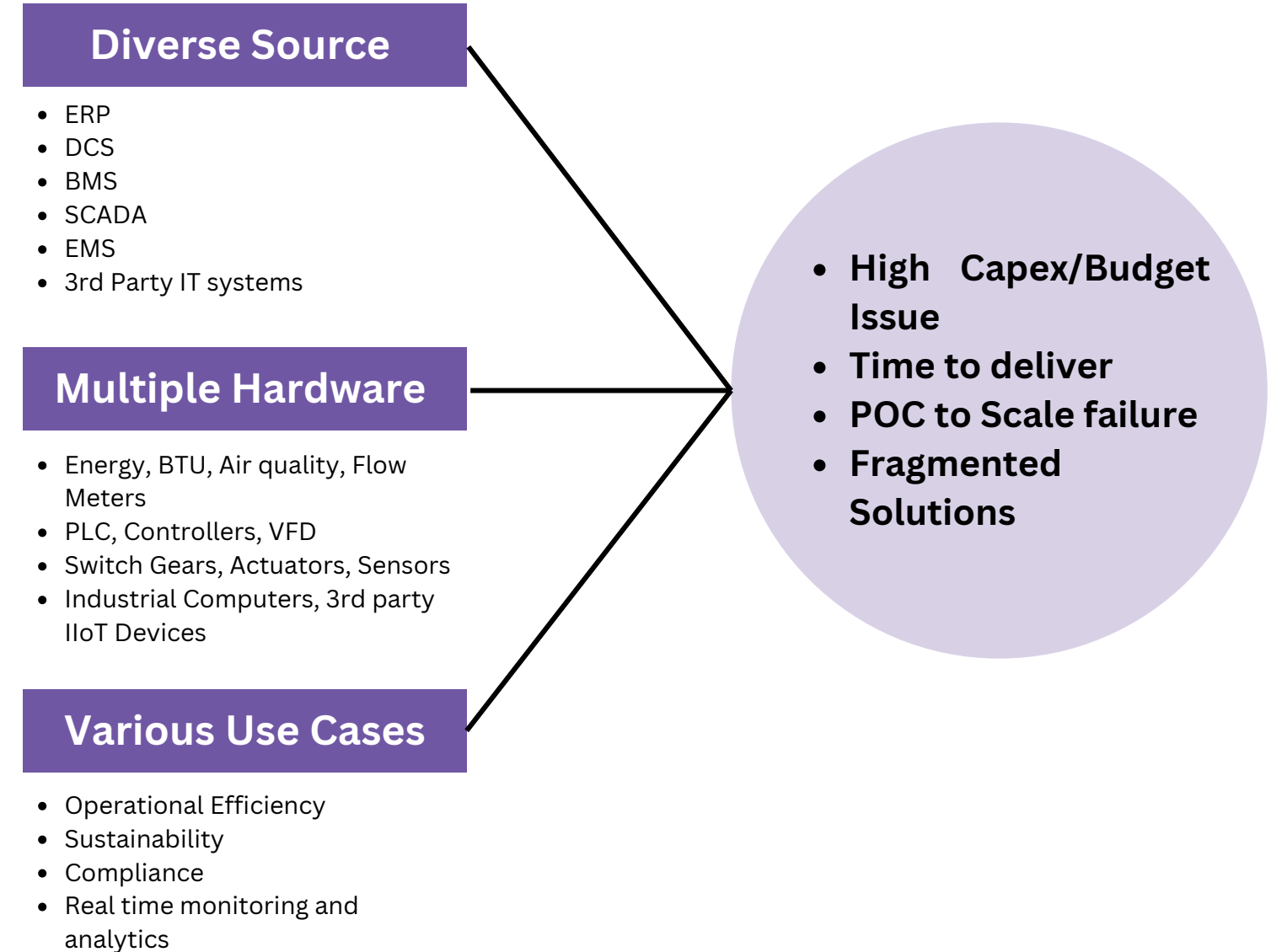
Problem

95% of factories are manually monitoring, recording and analyzing data.

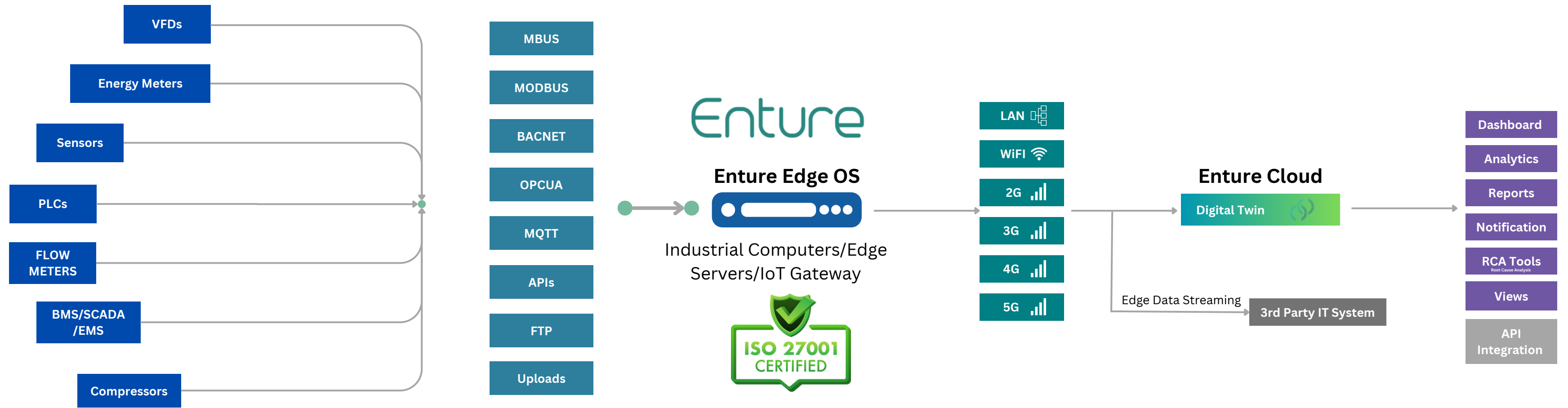
-  **Inaccurate Data - human errors**
-  **Time Series Data not available**
-  **Silos of data without meaningful analysis**
-  **Limited Analytical Capability**



Challenges for organizations for real time monitoring



Solution

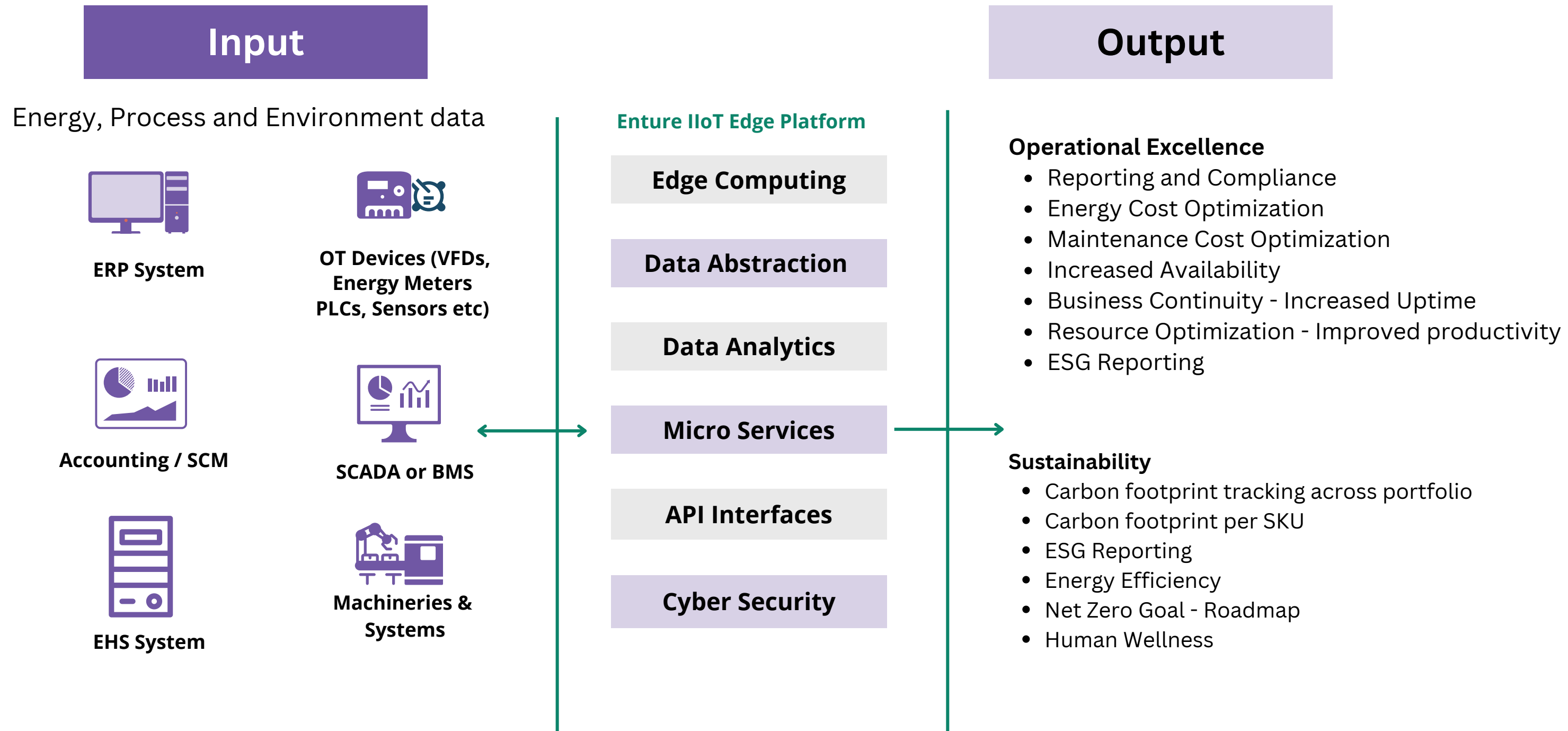


Enture - A Nebeskie Labs Product

Hardware agnostic, scalable, zero code customization, and easy to integrate edge-enabled IIoT platform



How Enture benefit the customers?



Use Cases



- Energy Monitoring and Reporting System
- Asset Management
- Utility Monitoring
- Process Management
- Compressor Condition Monitoring for Data driven maintenance strategy
- Pump Condition Monitoring
- Power Quality Monitoring
- HVAC Monitoring and Control
- Factory Digitization for Industry4.0 Solutions
- Indoor Air Quality Monitoring
- Factory Digitization for process Efficiency and digital twin
- Temperature and Humidity Monitoring
- Entire APIs Integration for connecting OT with existing IT systems
- Energy Billing System for multiple Tenant
- and others

Key Advantages - IIoT Bases OT-IT Integration

Enture simplifies digital transformations by eliminating hardware limitations and ensuring compatibility for future expansions.

Top Reasons why organizations are using Enture



OT Interoperability - Hardware Agnostic



IT Interoperability - Data Highway



Scalable and Future Ready



Distributed Computing to reduce the recurring cloud cost



Zero Code customization for dashboard, reports and analytics



Various Use case Library and customization



Minimal Infra Change



Low Adoption cost

Customer Stories

“

★★★★★

The Enture software offers a comprehensive solution for energy monitoring, analysis, reporting, visualization, and alerts & notifications empowering India International Centre, New Delhi to achieve energy management goals to reduce operational costs, enhance sustainability efforts, reporting, and customized visualization.

NR Rajagopal
Head of Maintenance Department



“

★★★★★

Enture IIoT Edge Platform provides a single comprehensive platform for Energy, Utility, Assets, Process monitoring with customizable real-time visuals, logbooks, real-time alerts & notifications. Enture has showcased great possibility to enhance our manufacturing capability with Real-Time data to optimize operations & ensure compliance.

Santosh Rane
Maintenance and Utility Manager



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THANK YOU

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Scan to know more



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