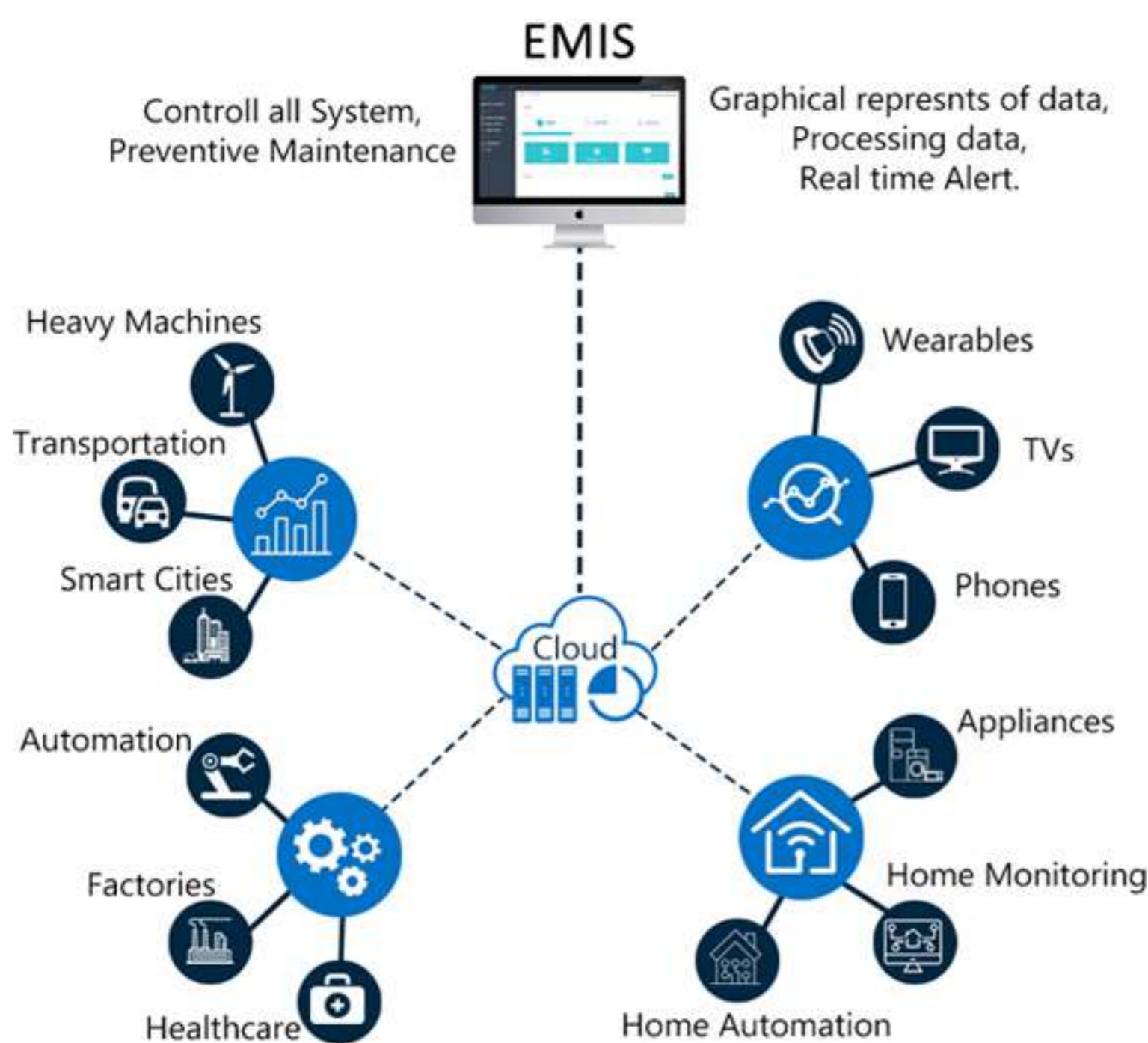


Energy Management Information System

Energy Management Information System - EMIS

Enelytix is a web based advanced result driven real-time data acquisition, monitoring, & software for effective management of electrical systems and processes for any electrical facility or process plants (flow, pressure, temperature, etc) business user in an industry.

The software communicates with MODBUS supported meters and various analog / digital signals to acquire online data, processes the data and displays the data in tabular, graphical, or mimic views as per user. The system is armed with alarm / event Logs, dashboard & reporting tool facilities help the user to take decision proactively, thus eliminating any events in the system. The system also supports customized modification as per demand.



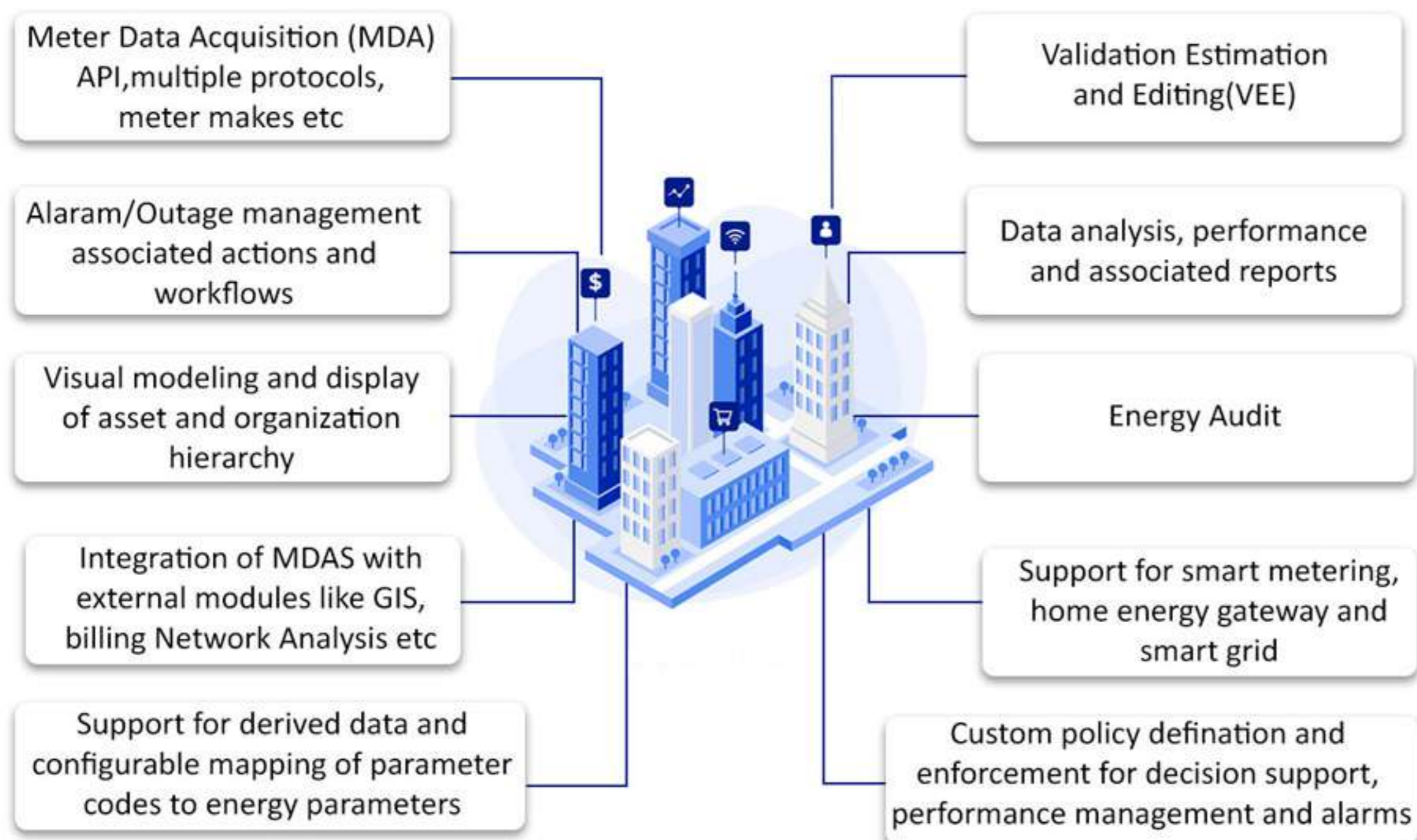
Added value through professional service

- Energy Analytics at a glance – Less Time Consuming
- Energy Analytics and the benefits of professional Energy data management
- Insights from the shoulder of a Tronixware Expert – Hands on report

Enhance the value of your Data

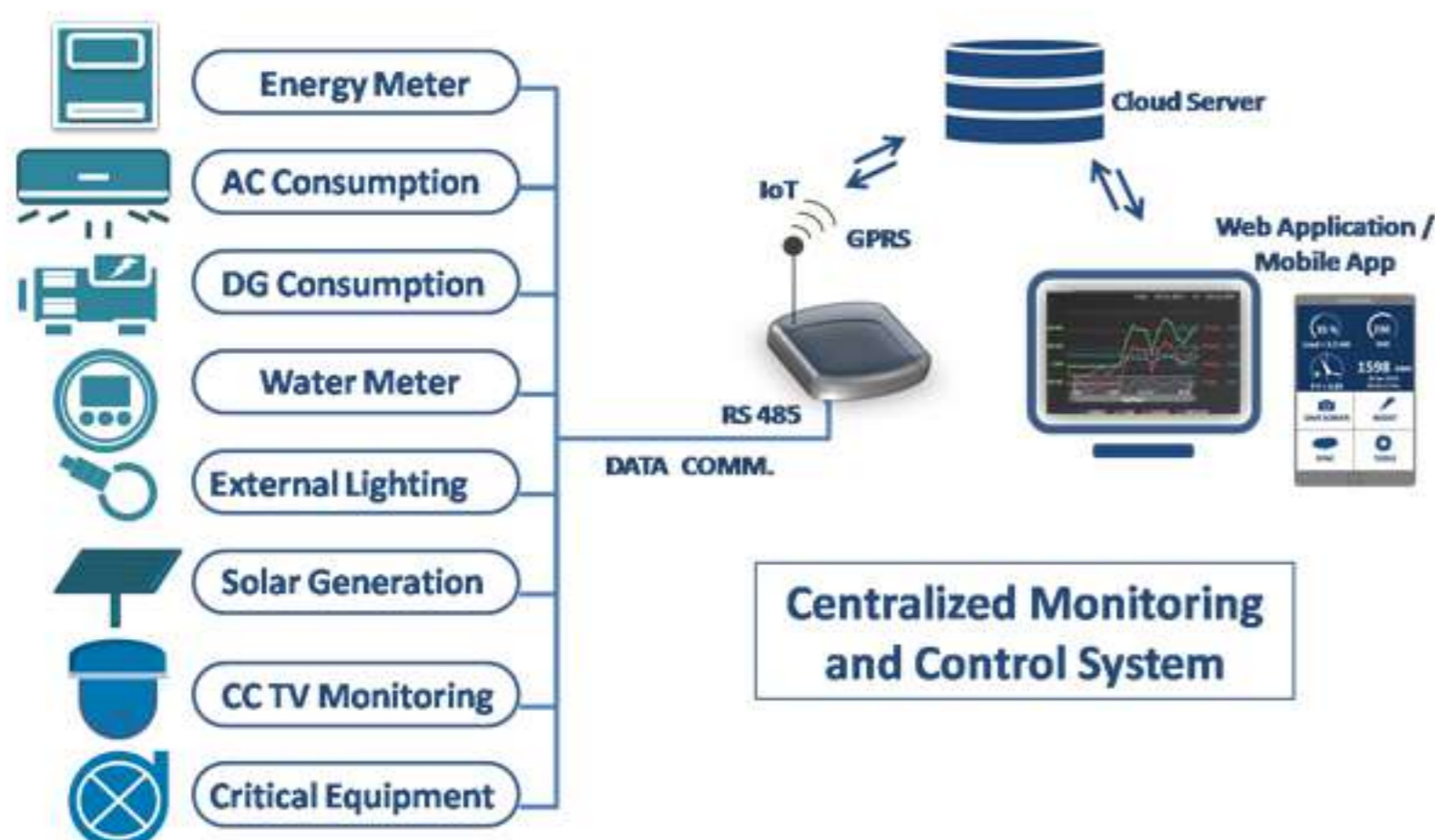
1. Flexible and Secure- Cloud-based energy data management solution
2. Installation of IoT (gprs) based Data Acquisition modules to record all data
3. Information is made available through a web application or Mobile App
4. Expert analysis of data through various tools
5. Generation of detailed reports with alerts and notification on the personalized web portal
6. Regular & informative reports tailored to match your specific needs will developed & delivered
7. Technical optimization measures can be planned in Energy Analytics and tracked

Features



- Smart Dashboard for user friendly Interface
- Online Monitoring with smart GUI
- Live Trends & Historical view with comparative charts
- Alerts & Notification Window
- Fully customized Reporting Tools
- Customized Control & Operation window
- Advanced analytical modules as per user requirement

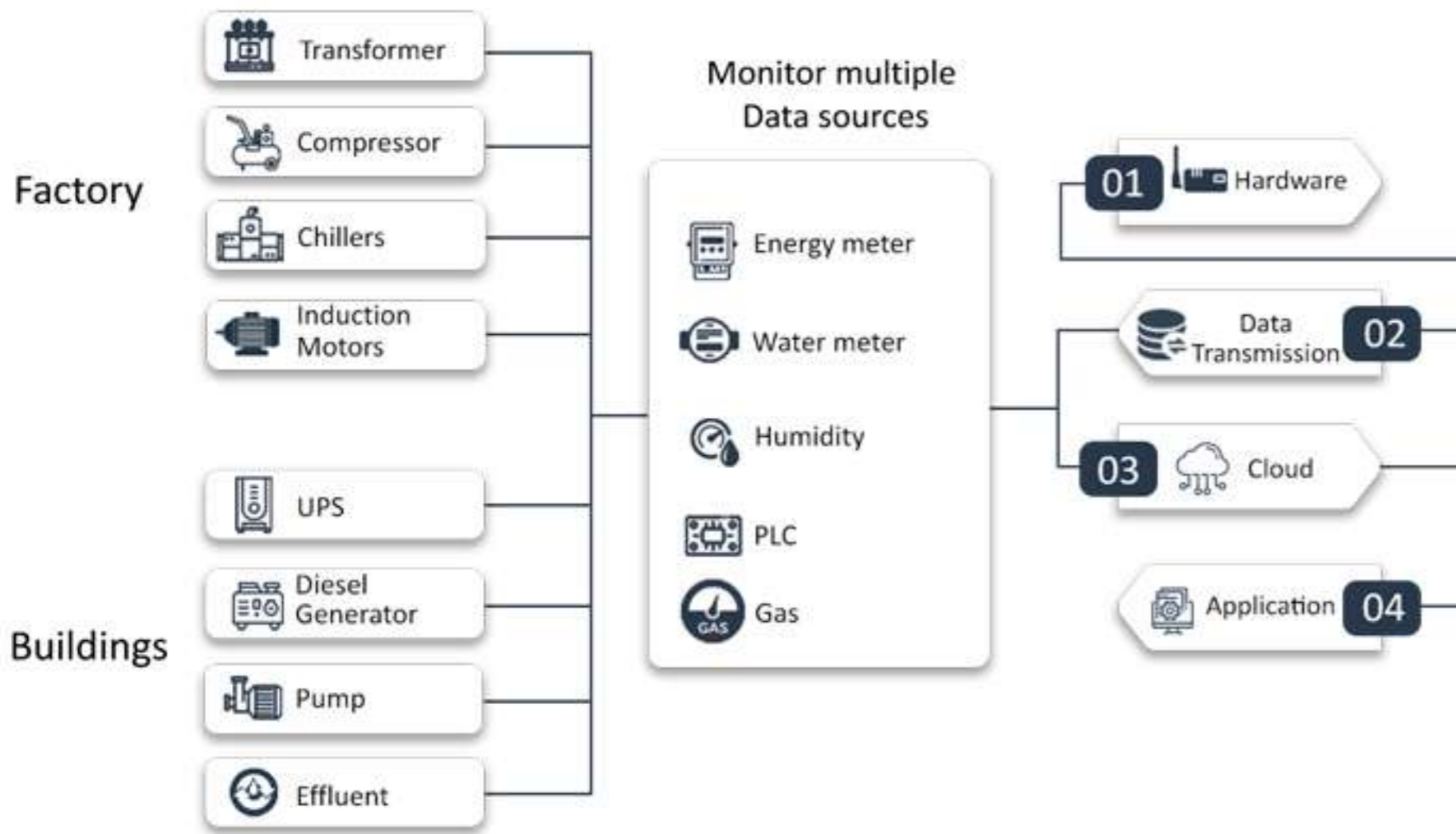
Application Areas



- Industries, factories, Manufacturing & Production facilities
- Chemical, Fertilizers, Power plants, etc
- Utilities & Power Distribution Companies
- Commercial sub-metering applications
- Building management and monitoring systems
- Entities engaged in energy certificates, carbon credit and ISO Certifications
- Building, Office & Home Automation

The 3 A's

Acquire



Analyze



Enelytix uses only electrical data to perform predictive maintenance reducing cost of analytics by nearly 50%

- Data Acquisition - (IOT Devices & Data Logger)
- Data Profiling - (Refining & Cleaning)
- Data Representation - (Contextualizing)

- factory & Building Layout
- Production Batching & process
- Production Cycle & Working Hrs
- Asset ratings
- Asset Running Hours
- Downtime
- Maintenance Schedule
- Product Quality

ACT



Predictive Maintenance

The predictive analysis of any equipment reduces downtime by 70%, extends life time by 30% and reduces energy consumption by 10%. Empowering Enterprises to improve their Asset Efficiency with IoT powered Predictive Analytics

OEE – Overall Equipment Effectiveness



Reactive

Fix when broken



Planned

Schedule Maintenance Activities



Proactive

Maintenance based on manual Inspection



Predictive

Advance analytics & sensing data to predict machine reliability

Benefits of Transition from Reactive to predictive maintenance using Enelytix



Unplanned Downtime

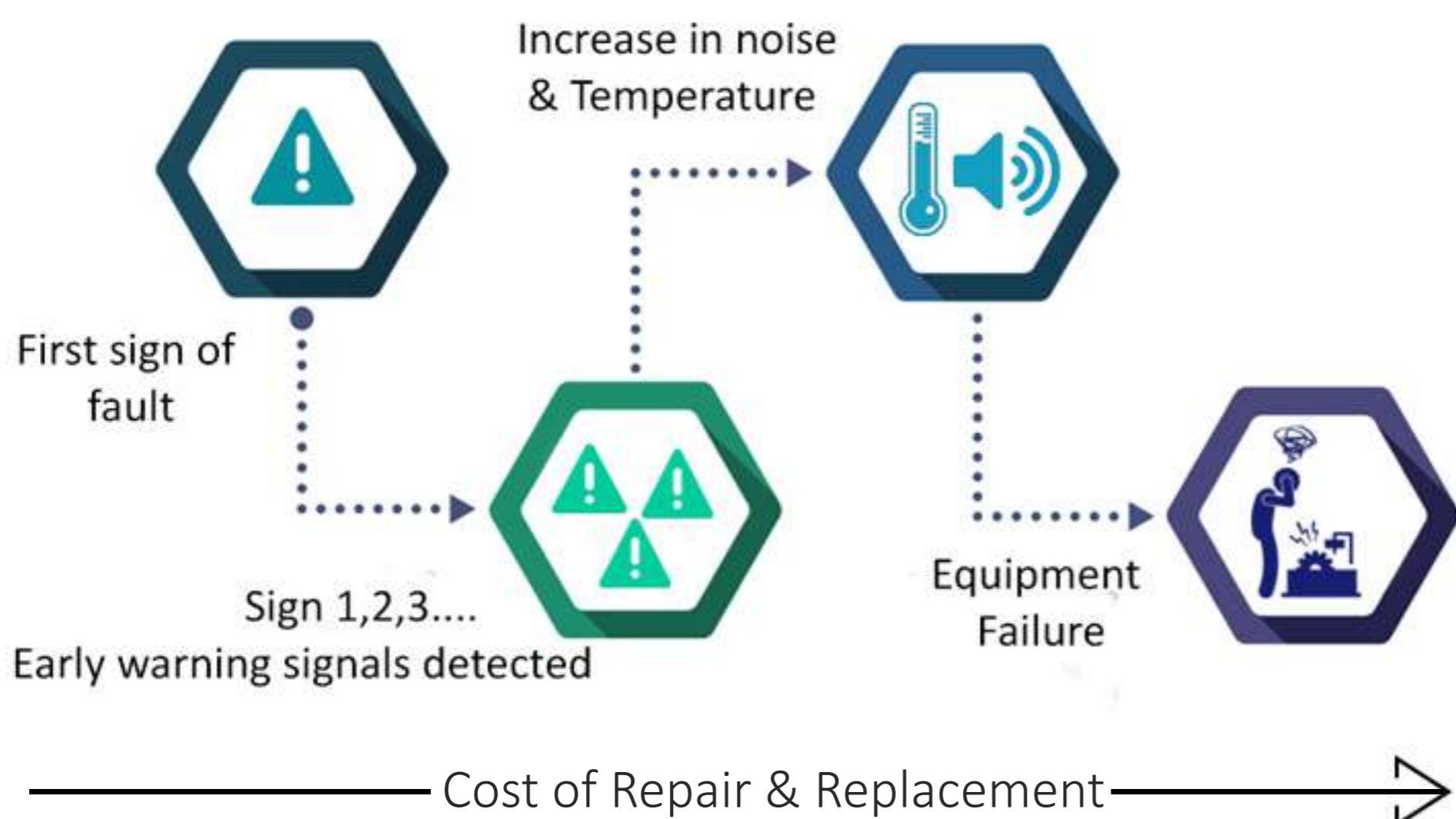


Maintenance Cost

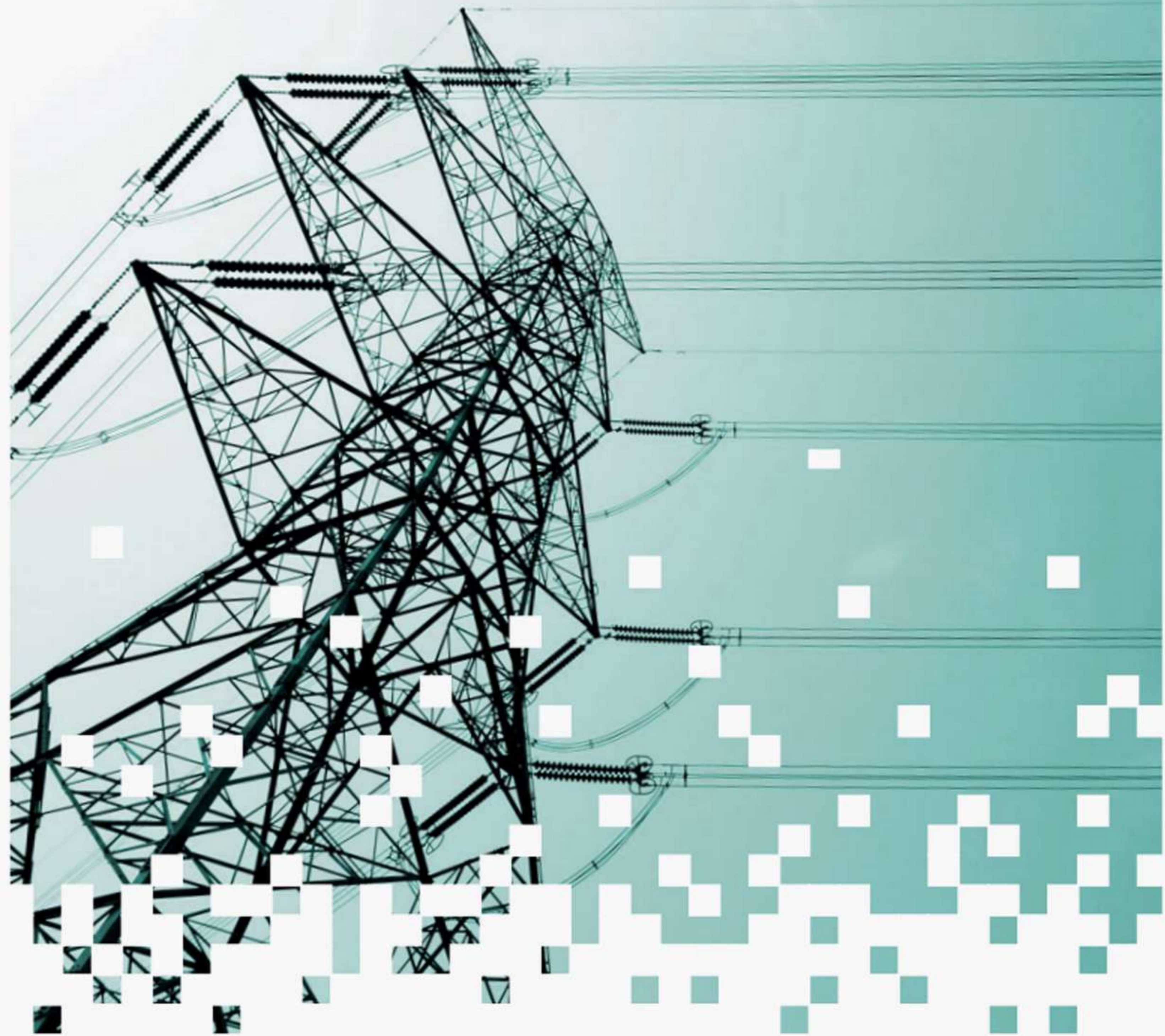


Energy Consumption

Enelytix detects any change in the mechanical behaviour of the equipment which reflects in the electrical signal.



- Early fault detection compared to existing methods
- Independent of brand of equipment
- Highly reliable due to minimal sensors



TRONIXWARE

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