



ELLENEX LPWAN SOLUTION

INFRASTRUCTURE MONITORING FRAMEWORK

FOR

DISTRIBUTED INDUSTRIAL ASSETS



THE PROBLEM

Manual monitoring and legacy systems create inefficiencies across more than 1 billion industrial assets in remote or hard-to-access locations

80% not monitored

20% monitored

Monitoring

90% are alert-only

10% provide actionable intelligence

Decision Making

THE PROBLEM



Remote asset monitoring can reduce operation monitoring costs by up to:

75%



It Helps to Manage:

- Delayed Response to Failures
- Safety Risks
- Service Inconsistency
- Inefficient Resource Allocation

THE SOLUTION

INDUSTRIAL MONITORING FRAMEWORK

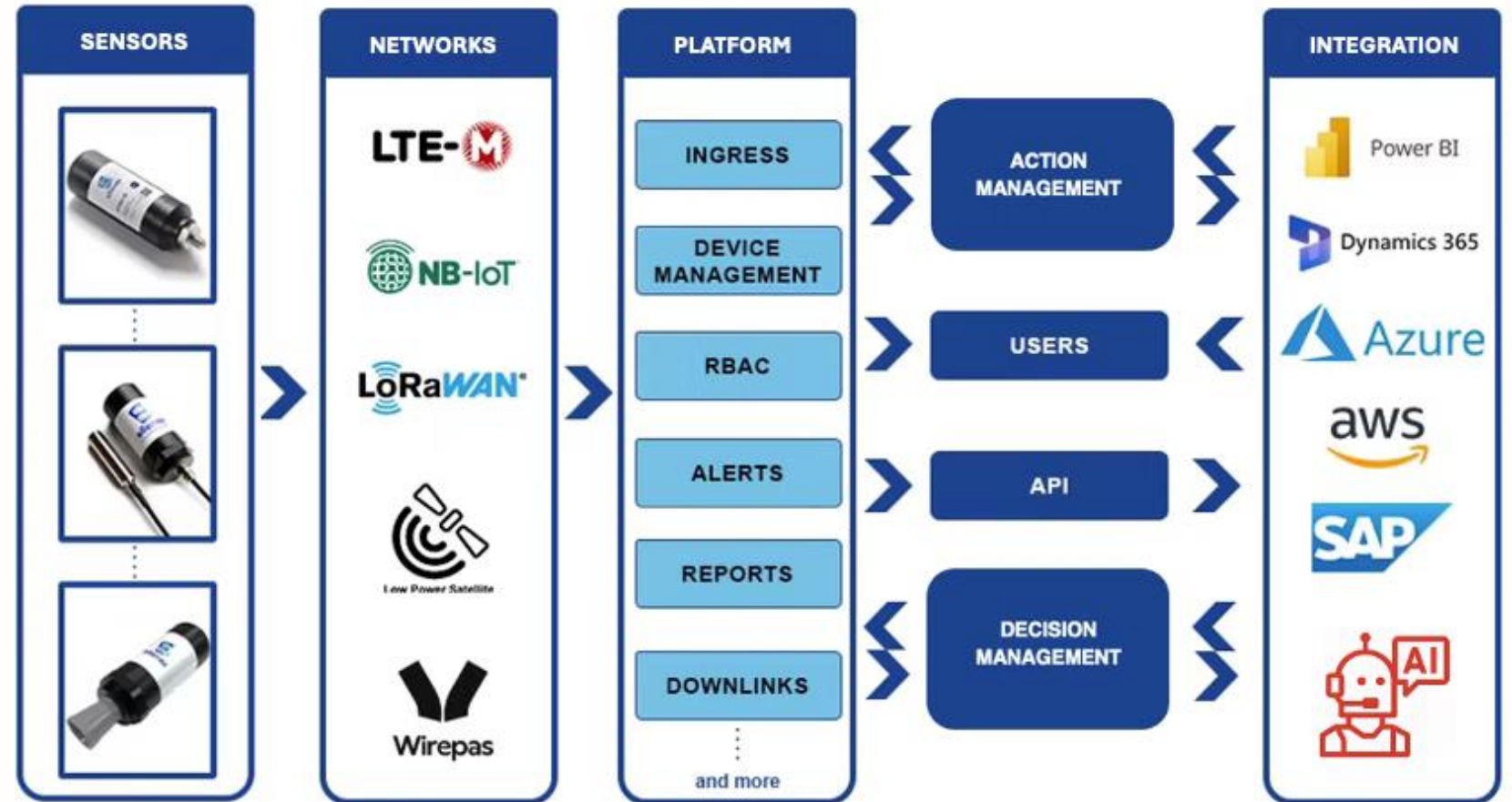
designed to address five infrastructure priorities:

- Asset Visibility,
- Resilient Operations,
- Compliance,
- Predictive Performance,
- And Resource Efficiency.



INTEGRATABLE FRAMEWORK

- collects data,
- supports decisions,
- enables action



OVERVIEW

5,000+

Product SKUs

60+

End-to-End Solutions

1000+

Major Industrial Clients

60+

Countries Reached Through Sales

500M+

Data Calls Processed by the Microservice Platform

OVERVIEW

ELLENEX is a technology brand owned by LPWAN Holding Inc., located in the heart of Silicon Valley.



FIRST company, introduced integrated LPWAN Pressure and Level sensors to the market.



pressure sensor



level sensor



temperature sensor



totaliser and flowmeter



distance sensor



water quality



moisture, humidity & rain



ONLY company, offers MODULAR & INTEGRATABLE solutions based on 5 LPWAN technologies.



NB-IoT



LTE CAT M1



LoRaWAN™



LOW POWER SATELLITE



WIREPAS



Offering one of the **WIDEST** range of industrial LPWAN solutions in the market (30 product family, 5,000 SKU).



agriculture



water



smart cities



logistics



oil and gas



mining



building

WHO WE ARE NOT

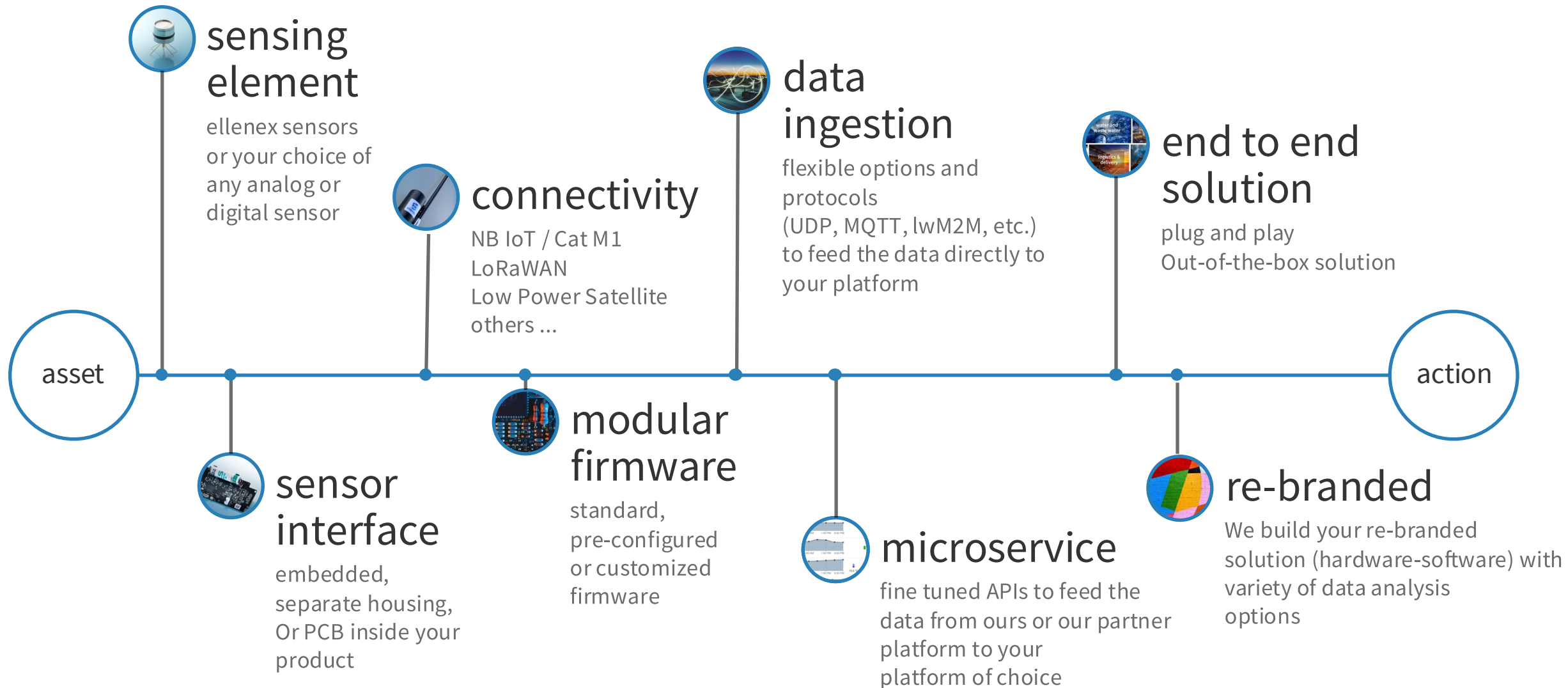
- **We manufacture** a wide range of industrial IoT devices, but
we are not another device manufacturer
- **We designed** one of the widest range of LPWAN interfaces, but
we are not another design house
- **We developed** state of the art microservice platform, but
we are not another IoT software company

WE ...

Have developed a unique industrial framework to address the complexities of Industrial Infrastructure Management and post-AI market demands, with specific focus on “WATER INFRASTRUCTURE MONITORING”.

MOJULAR BUILDING BLOCKS

Our “MOJULAR” building block model provides ultimate flexibility for asset-to-action monitoring cycle



OUR OFFERING

- **Pre-configured Hardware**

For Reliable Data Capture

&

- **Integratable Platform**

to Close the Action Loop



low power



end to end



composable



network agnostic



industry focused



integratable



PRODUCTS

The most comprehensive range of industrial LPWAN sensors and sensor interfaces for connecting field assets to the cloud



Pressure Sensor



Level Sensor



Temperature Sensor



Water Quality



Distance Sensor



Voltage / Current
Cathodic Protection



Totaliser & Flowmeter



Moisture, Humidity & Rain



Single-Channel Interface



Multi-Channel Interface

PLATFORM

- Enterprise-grade architecture
- Role-based access control
- API-first and serverless
- Multi-channel alerting
- Preconfigured, simple, and scalable
- Interactive mobile application
- **patent pending adaptive rule engine**



CONNECTIVITY

We offer multiple LPWAN connectivity options to cover a wide range of industrial applications and deployment environments.



NB-IoT



LTE CAT M1



LoRaWAN™



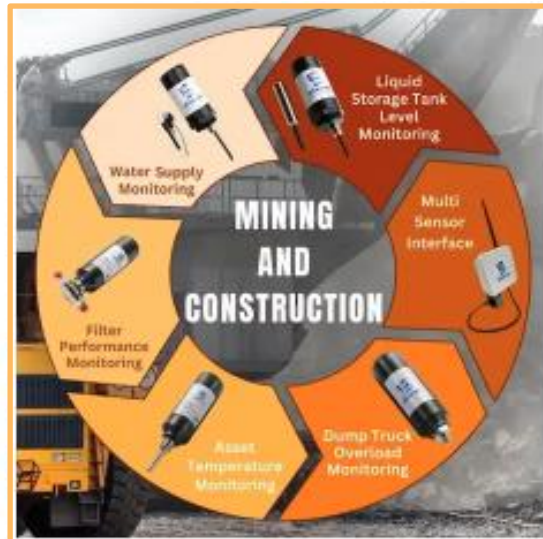
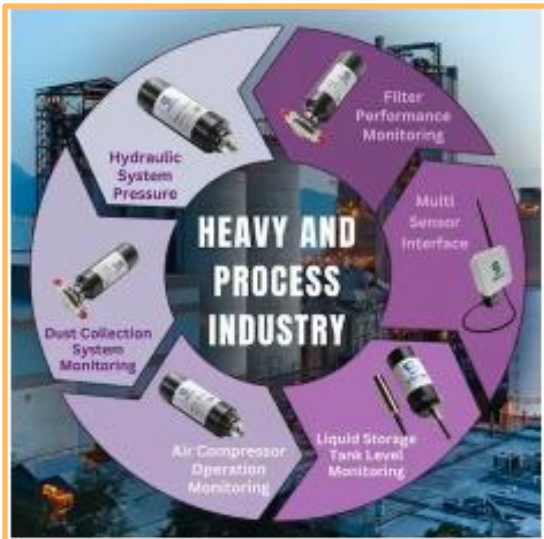
LOW POWER SATELLITE



WIREPAS



SOLUTION PACKAGES



SOLUTION PACKAGES

A unique
portfolio
for
Water
infrastructure
Management



IMPACT VISION



Zero-injury in operations through automation.



8+ million tons of CO₂ emissions reduction, driving sustainability.



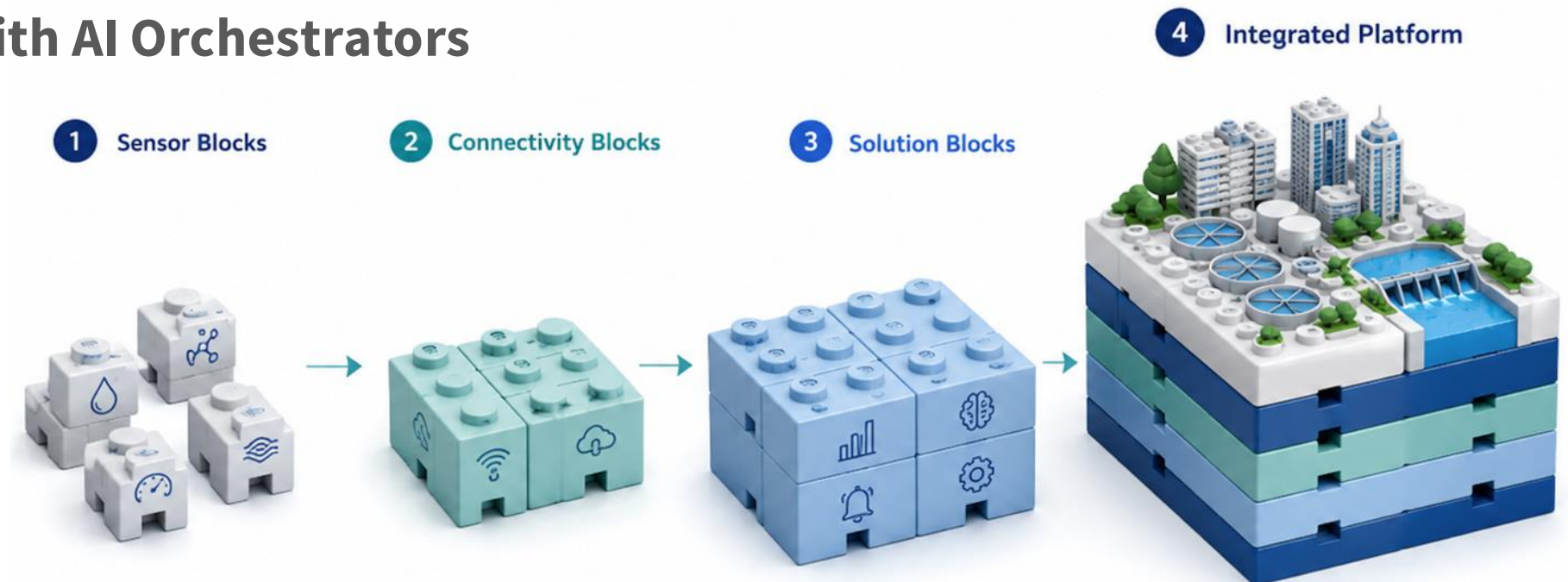
500 million hours saving for clients.



\$30B+ in cost savings across industries.

MORE TO COME

- Adaptive Rule Engine
- NTN Connectivity
- Global Certifications
- Integration with AI Orchestrators





[CONTACT US TO DISCUSS YOUR APPLICATION](#)

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