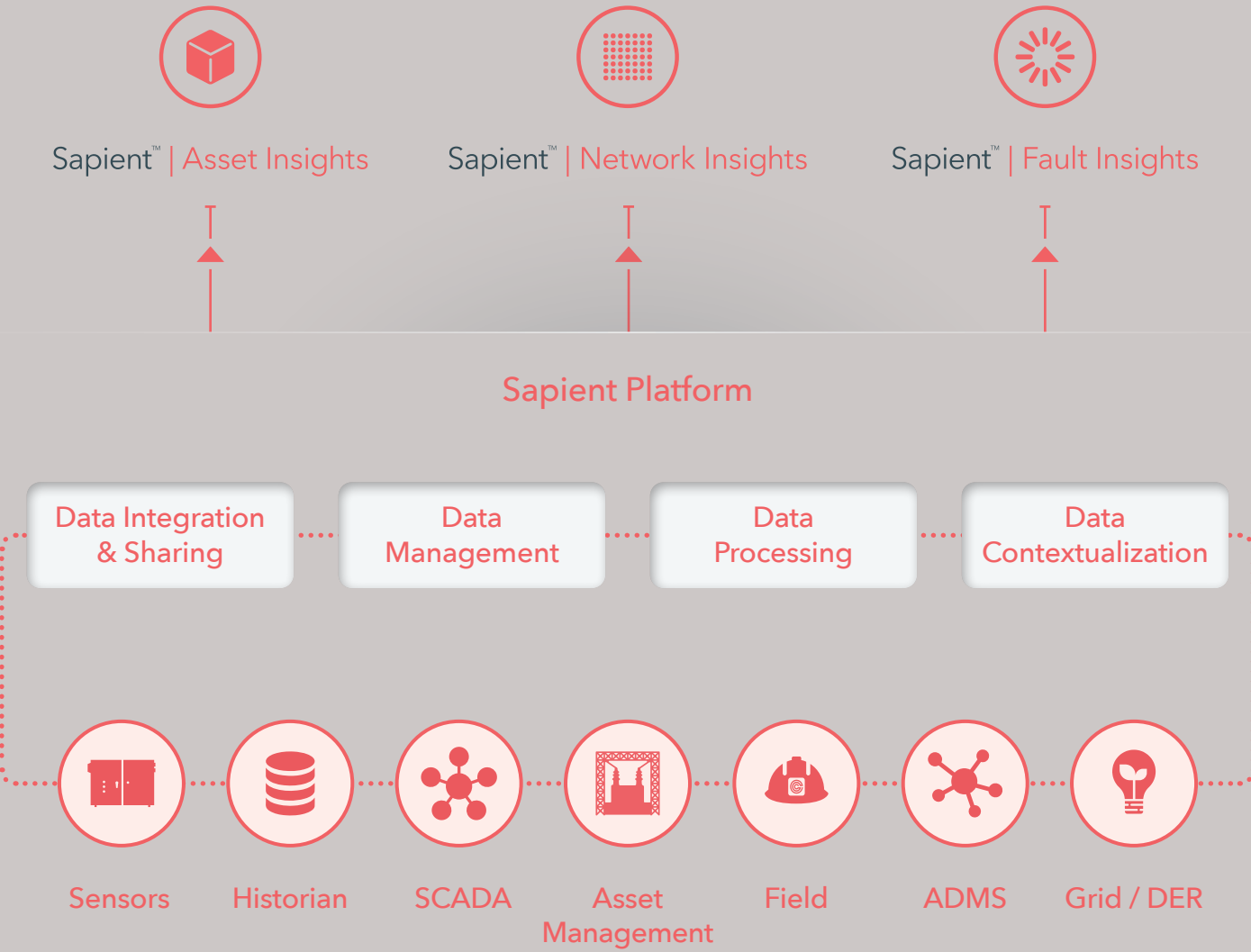# Platform Spotlight

The Sapient Platform is the core data management platform shared by all our Insights applications. The platform provides a common framework for the ingestion and processing of data; data management; and the execution of advanced AI/ML models.

Sapient™ | Asset Insights

Sapient™ | Network Insights

Sapient™ | Fault Insights

Sapient Platform

Data Integration & Sharing

Data Management

Data Processing

Data Contextualization

Sensors

Historian

SCADA

Asset Management

Field

ADMS

Grid / DER

Platform Features

Data Contextualization

- An IEC CIM compliant network data model that allows data to be placed and processed in the wider network context including Network Topology (as designed and as operated); Network Measurements; Network Operations and Asset Registry

Data Integration & Sharing

- Streaming and batch data ingestion from sensors & equipment deployed on the network as well as integration to internal IT systems

Data Management

- Enterprise data management including data catalogue, data quality monitoring, data governance and controls

Data Processing

- Capabilities for Workflow and Event Management; ML Lifecycle and Pipeline Orchestration

Key Benefits

Operates alongside existing IT platforms

Connects to customer systems with an open API and can receive, process and provide data back to third-party systems already used by customers, protecting and building on existing investments.

Cyber Secure

Equipped with strong authentication, encryption, and authorization controls to protect sensitive data, confidentiality and mitigate risks. Aligned to ISO/IEC 27001 for enhanced security and fosters a secure digital environment for all stakeholders.

Is Open

Open standards in data management ensure accessibility, with a comprehensive data catalogue to enhance operational efficiency and decision-making. Our robust data governance frameworks maintain data integrity, security, and compliance.

Customer Centric, Vendor Agnostic

The platform can harness online and offline data from any vendor's asset monitors, internal data stores or third party data.