

IIOT Based Asset Monitoring & Maintenance Platform

Valiance provides a proprietary IOT based platform to enable remote monitoring & diagnostics of power plant's physical assets. Platform uses a combination of various sensors together with scalable cloud software to deliver real-time view into asset's health for the operational teams along with enabling business stakeholders insight into plant efficiency and output.

FEATURES

01 CENTRALIZED MONITORING
Centrally monitor operational parameters and health of your plant assets in real time. Deep dive into historical data, correlate between different parameters.

02 HIGHLY CONFIGURABLE
Define customized alerts and notifications based on specific thresholds of device sensors. Add/remove physical assets and attach/de-attach sensors as needed.

03 SCALABLE AND SECURE
Built natively for the cloud to handle high volume and velocity of data. Easily scale to any number of sensor devices and Control, who can access what data from the control tower.

04 ROLE BASED VIEWS
Reports operational parameters for plant teams with operational dashboards. Business can separately view high-level efficiency and output metrics of plants and assets by locations.

05 ANOMALY DETECTION
Auto-detects anomalies in sensor data by analyzing historical patterns and each device's configurations. Alerts can be scheduled to send to responsible personnel.

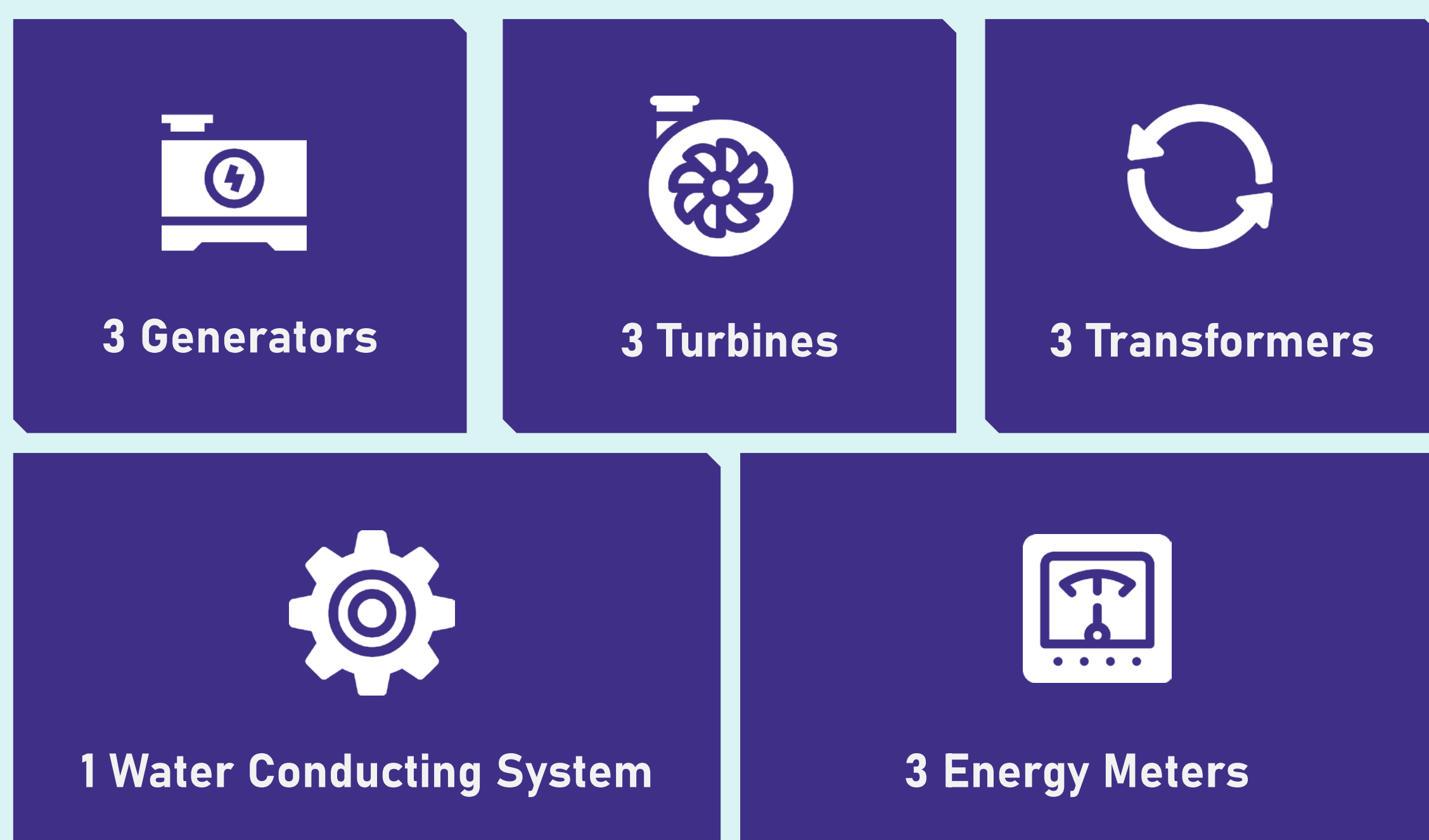
06 MAINTENANCE COST
Reduce your cost of maintenance and unplanned downtime with timely detection of anomalies, device faults.

CURRENT DEPLOYMENT

Plant

3X10 MW hydropower plant in Uttarakhand

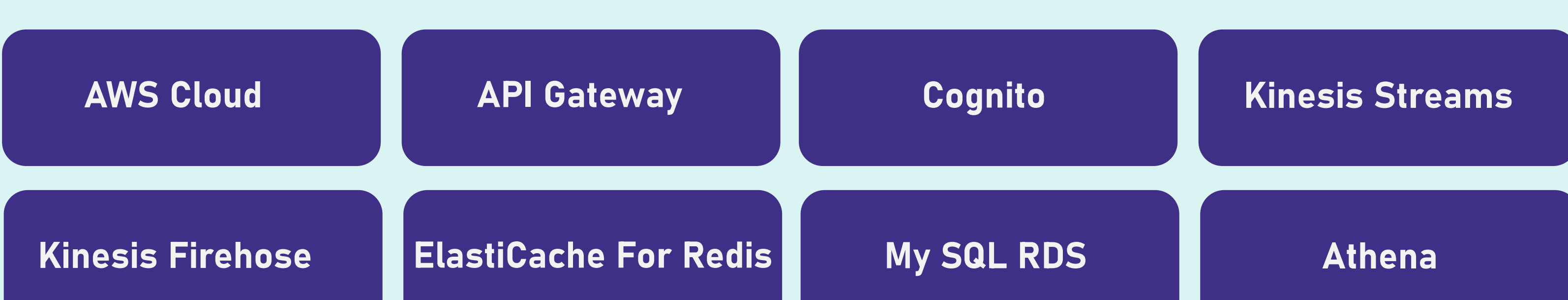
Physical Assets



Number of Sensors deployed



Technology Used



To know more about the product or schedule a demo, write to us at info@valiancesolutions.com or visit us at www.valiancesolutions.com

Follow us on



VALIANCE