Xompass FaaS : Field Intelligence as a Service

What We Do

Xompass FaaS is an end to end solution that adds Edge Intelligence to billions of assets in Mining, Water, Power, Oil & Gas, and Energy Industry using the power of the Cloud.

Deploys Instantly

Connect all of your assets in a matter of seconds, while integrating them with existing control systems beyond control layer.

Improves Productivity

Thanks to the power of cloud and new intelligence from disparate sources of data, decision-making at the edge in real-time is greatly improved.
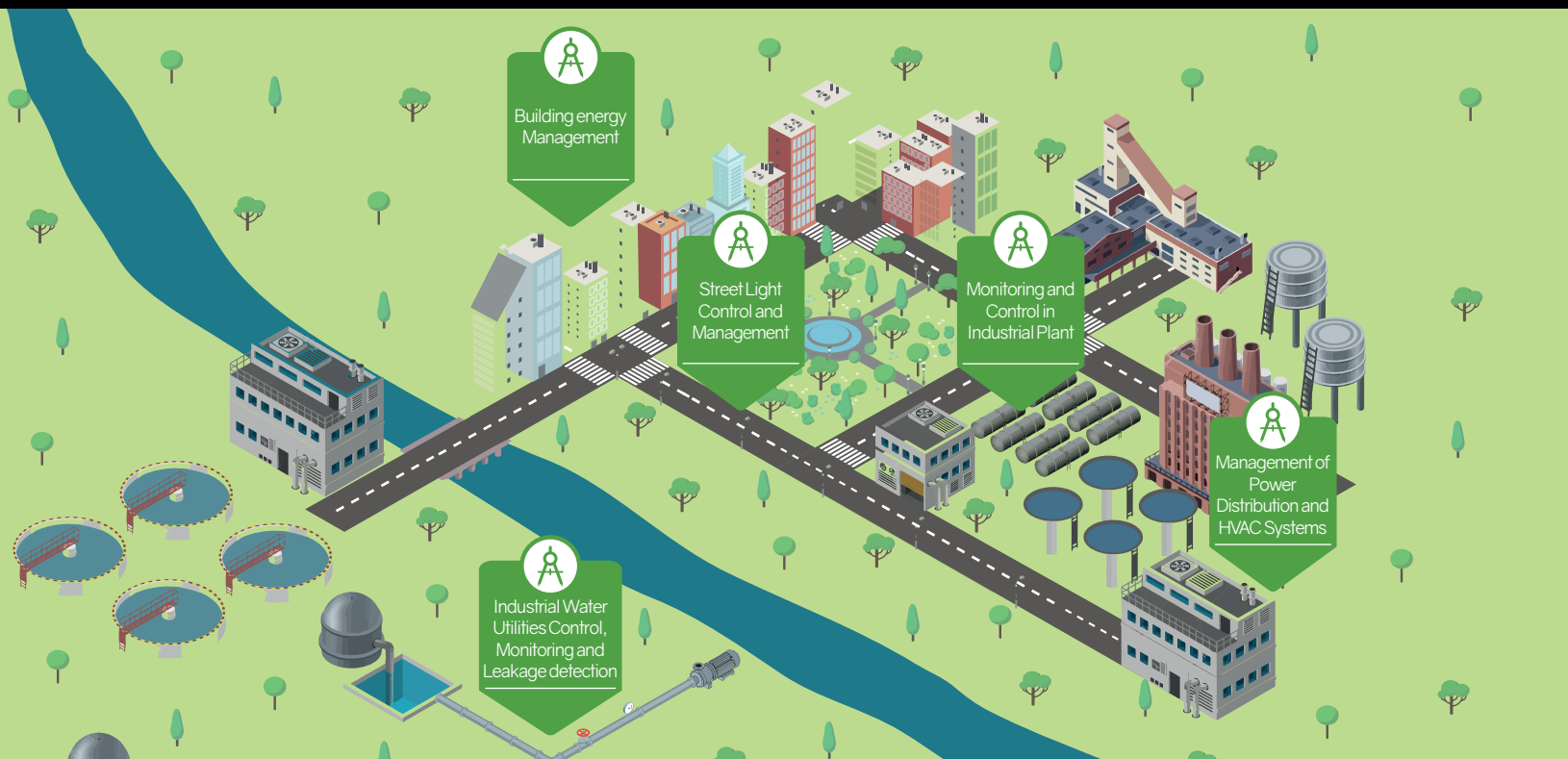
Reduces Downtime

With Cloud-enabled predictive asset behavior models, downtime can be easily avoided.

Why Xompass FaaS ?

Millions of assets are currently disconnected, left unattended, only manually monitored or too old, which makes them very expensive to connect.

Building energy Management

Street Light Control and Management

Monitoring and Control in Industrial Plant

Management of Power Distribution and HVAC Systems

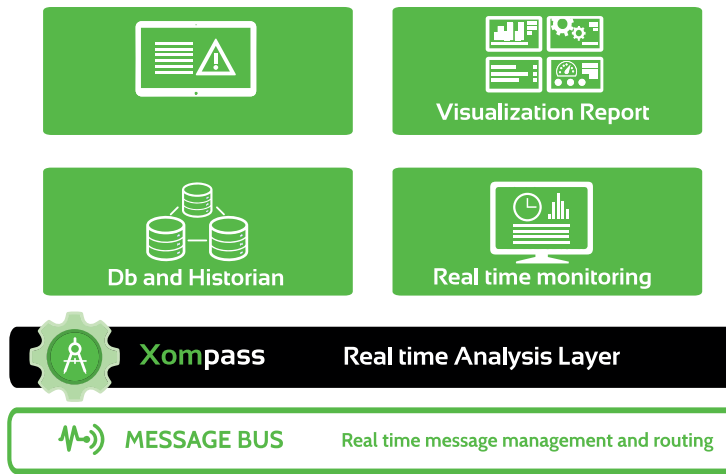Industrial Water Utilities Control, Monitoring and Leakage detection

Xompass FaaS solves this by collecting, storing and analyzing sensor data in real-time to offer unprecedented capabilities in visualization, operational intelligence, maintenance, monitoring, configuration and management. On top of that, it will not disrupt your current control or data infrastructure, just connects to it and brings to it everything that is outside and unconnected.

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How does it work?

Visualization Report

Db and Historian

Real time monitoring

Xompass Real time Analysis Layer

MESSAGE BUS Real time message management and routing

Xompass FaaS Cloud

Cloud

Edge

Xompass FaaS Cloud
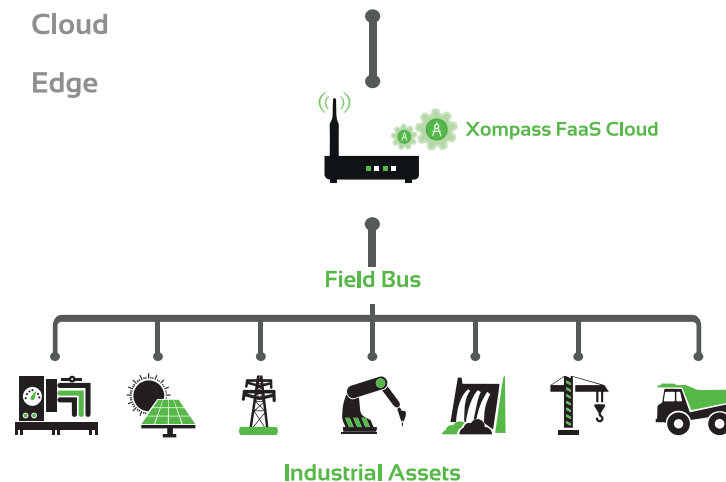
Field Bus

Industrial Assets

User Access
Users can manage their assets, in real time, remotely, in a simple and automated way.

FaaS Cloud
Xompass FaaS cloud is a set of services for real time data analysis, data storage, alarms and edge FaaS management.

Field Edge
Xompass FaaS edge is a set of cloud managed autonomous services, which handles communication, real time data processing, control policies, and integration with On-Prem software like PI System, among others.

Field Assets
Connect to your assets using the standard industrial protocols and sensor interfaces. Collect the data directly from the source and receive feedback from the cloud.

Partners

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