

Cloud connect home appliance and meters with IoT

HyperNym

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About HyperNym

HyperNym is changing the way businesses collect and use data. Embarking on the journey of upcoming industries, our Business Team has primarily initiated in the industry of logistics, developing competent Business Wrappers and IoT Applications offering in SaaS. Our analytics experts leverage all the relevant data collected from these IoT apps – all the time, keeping your needs at the heart of our solutions and delivering intelligent answers in real time.

Challenges in energy usage

A technician wearing a yellow hard hat and a blue shirt is working on a kitchen appliance, possibly a stove or oven. The background is a kitchen setting with white cabinets and a sink. Three white circular callouts are overlaid on the image, each containing a percentage and a description of a challenge in energy usage.

61%

of home users configure their appliances manually leading to higher energy usage

40%

Projected reduction in appliance energy usage resulting from time / scheduling strategies

30%

Projected reduction in maintenance costs resulting from advanced modeling

Modernize home appliance and meters



Customer value

Differentiate yourself by giving customers device management, a better energy savings, and a better service experience

R&D insights

Bring real-world data to your organization and understand how customers use your appliances to guide product design

Cost savings

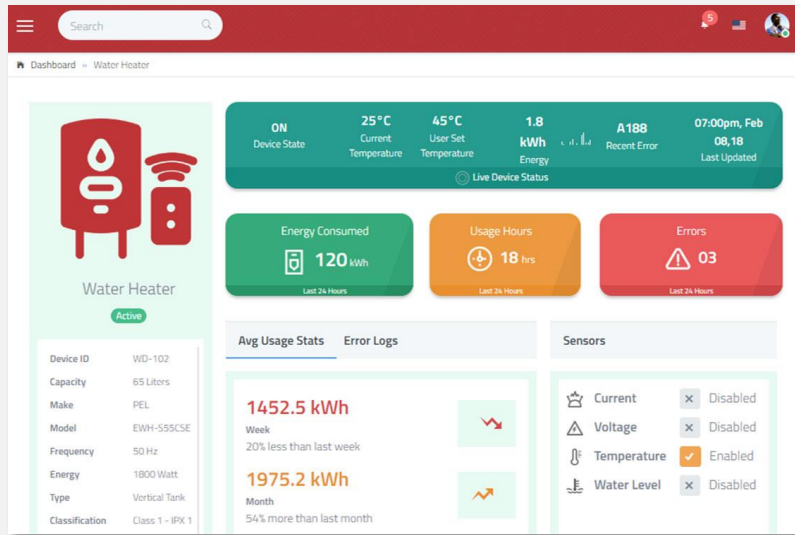
Reduce unplanned product failures, asset downtime, and costly repairs with proactive issue detection and service scheduling

Cloud connect home appliance and meters with IoT

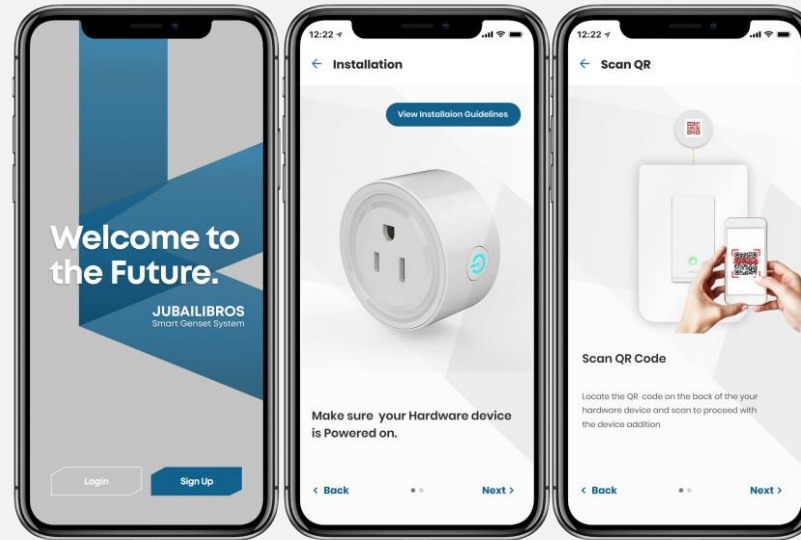
HyperNym + Azure + IoT

HyperNym's HyperNet helps you stand out in the crowded home appliance market by offering customers a smart appliance that is more efficient, more sustainable, and more easily serviced. In addition to this the smart meter will help you out to monitor your energy utilization and provide more analytical views.

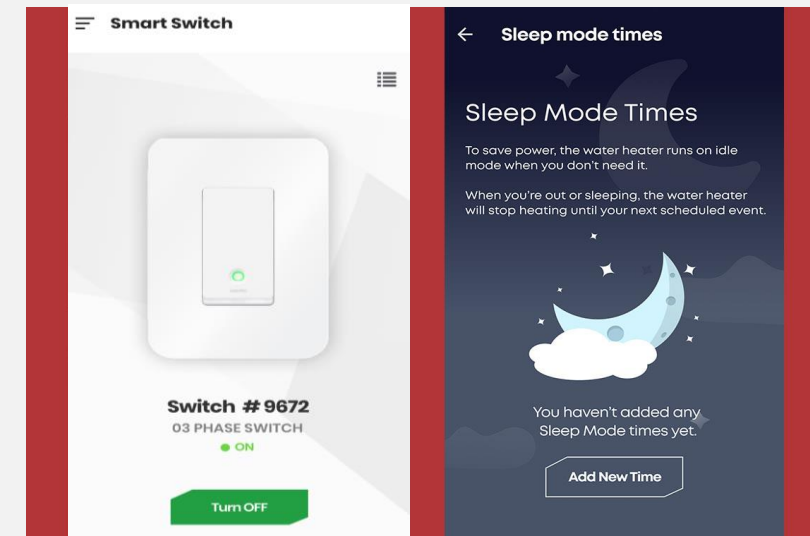
Our Azure based solution helps customers manage their appliance, reduce energy usage, and even schedule their own service calls with an easy-to-use mobile application.



The Customer can see installed smart devices(sockets, switch) and drill down into each one's operation

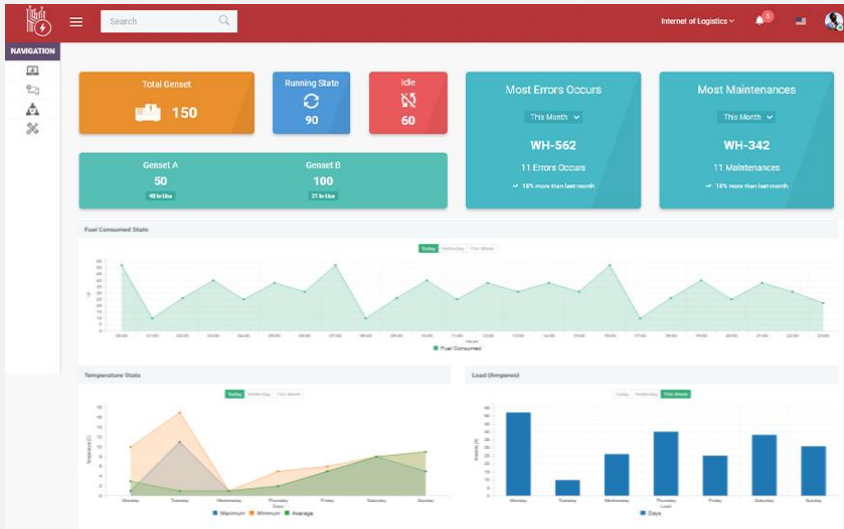


Give customers an easy 1-2-3 solution for cloud connecting their appliance

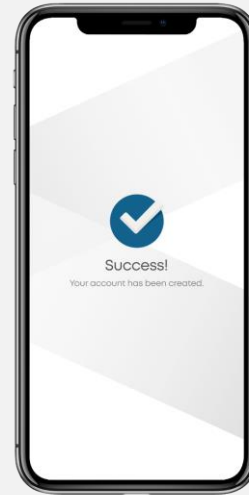


Offer customers advanced features like schedule-based Controlling

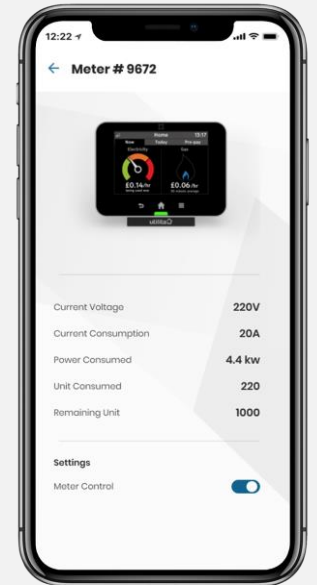
Modernize home appliance



All the meter installed within the premises can be monitor and drill down each of their analysis



Give customers an easy 1-2-3 solution for energy consumption Analysis



Offer customers advanced features like controlling and observe the unit's consumption

Modernize Smart Meters

Solution built on Microsoft Azure

Aggregate, analyze and react in real-time



Integration to
upload solution
telemetry



Storage to scale
solutions without
latency



Visualization to
surface solution
insights



Analytics to
predict and
plan



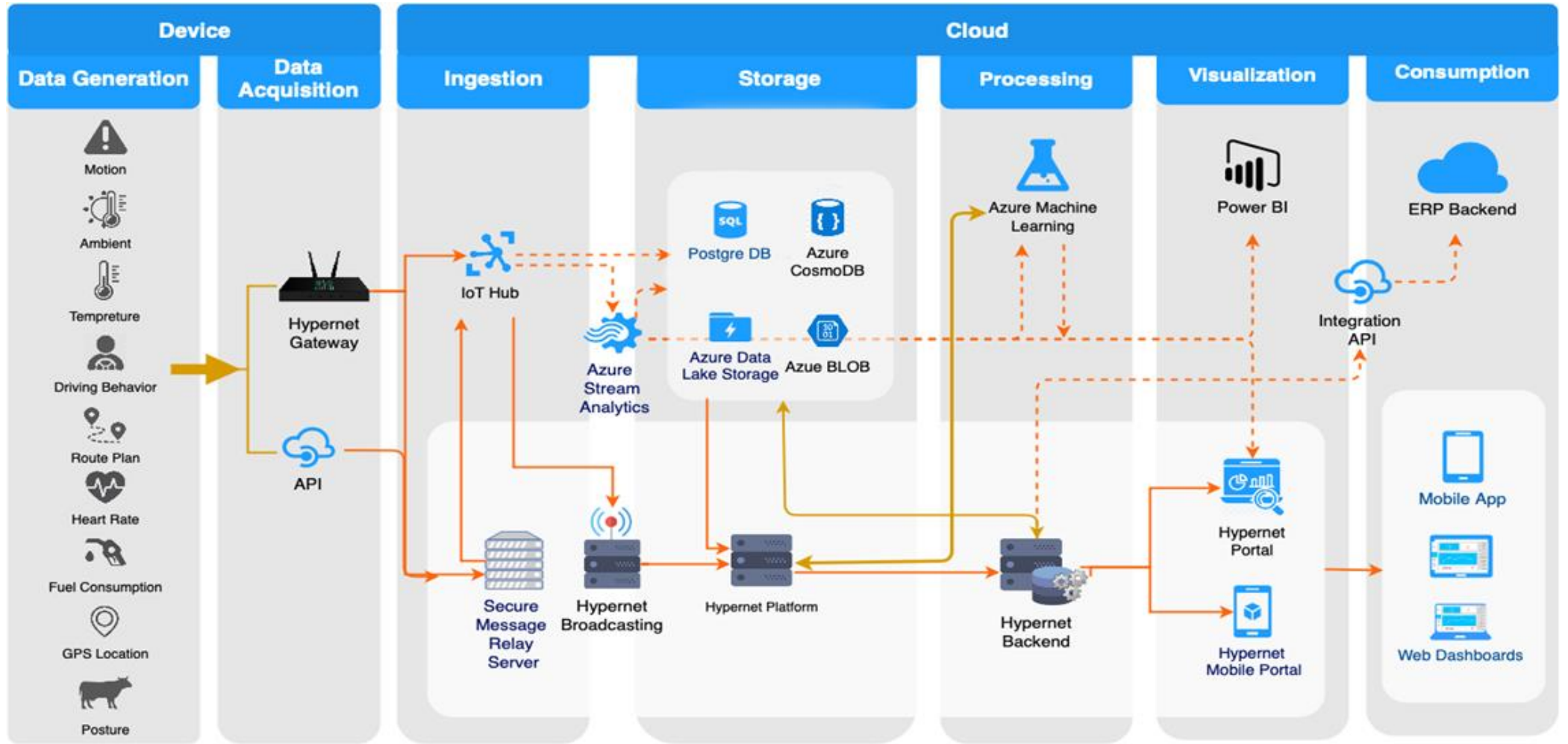
Security to
protect
solution data

Essam Mouafy, Director R&D, El-Araby Group



HyperNym IoP Solution reduced the energy consumption of appliances by a margin of almost 60% leading to lower electricity costs and no energy wastage. With the HyperNym Smart Mobile App, the sales of El-Araby group grew by a margin of 25-30% resulting in higher profit margins and production rates.

Solution Architecture



Start improving your operation with IoT



Contact us to discuss how we can help:

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Learn more about our IoT and Azure solution:

<https://www.hypernymbiz.com/power.php>



HyperNym

Human Centered | Technology | Operations