




TRANSFORM ENERGY SYSTEMS WITH FULLY INTEGRATED IoT

Achieve net zero carbon emissions with smart energy solutions from Envision Digital. Get field hardware from Envision and our partners, prebuilt applications, and an easy-to-use IoT toolkit—all connected using the EnOS™ AIoT Platform and built on Azure. Innovate for buildings, industrial parks, and factories.

-  Monitor and control energy systems and visualize trends using Azure AI and IoT
-  Discover opportunities to improve energy efficiency and reduce costs with advanced analytics
-  Enable demand response in connected micro-grid/vehicle-to-grid systems






Buildings and construction account for:¹

36%
of global energy use

39%
of energy- and process-related CO2 emissions

Turn this around with Envision Digital smart energy solutions. Optimize efficiency while ensuring safe and steady energy usage and reducing energy costs.

USE CASE A HIGH-RISE GOES NET ZERO

-  **System connection**
Legacy building management systems, HVAC, micro-grid components (like solar panel and energy storage), and sensors are all connected to the platform.
-  **Data aggregation**
Data from siloed systems and sensors are aggregated, processed, and stored centrally on the platform to feed into reliable, data-driven services.
-  **Data visualization**
Energy usage, asset performance, and building space management are visualized in real time for quick problem detection and response.
-  **Energy optimization**
Optimization opportunities are discovered to increase energy efficiency and increase occupant comfort.
-  **Results that matter**
With an integrated net zero solution, carbon emissions and energy costs drop.

COMPLETE TRANSFORMATION IN ONE SOLUTION

-  **Extensive connectivity**
-  **Simplified device management**
-  **Fast integration and innovation**

Envision Digital + Microsoft together deliver enterprise-grade security, scale, connectivity, and advanced AI and analytics in integrated solutions for energy. Learn more about [Azure security](#) and [compliance](#).

START TRANSFORMING

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Learn more about [EnOS™ AIoT Platform](#)