i-frame

Gama Energy, On Its Digitalization Journey, Opted for i-frame

Process-based flexibility, rapid development, and the power to leverage corporate know-how are accelerating digital transformation in the energy sector; we are increasing efficiency and supporting sustainability.

GAMA ENERJİ

About the company

Sector: Energy and Water Utility　　**Country:** Turkey　　**Employees:** 250

➤ Company Profile

It is an energy production company based in Turkey, established as a subsidiary of the Holding. It has a total installed capacity of **1,117 MW**, comprising 4 Wind Power Plants, 4 Hydroelectric Power Plants, and one Natural Gas Combined Cycle Power Plant. Additionally, it is undertaking a critical infrastructure investment in Jordan that meets **40%** of the country's clean water needs.

Gama Energy, which operates **with a team of approximately 250 experts,** has structured its information technology infrastructure to support operations across the entire organization.

➤ Challenges & Problem Areas

✓ **Inadequacy of standard software:**
ERP and packaged systems could not fully adapt to Gama Energy's operational diversity and unique processes.

✓ **Imbalance in digital maturity levels:**
Digitalization levels varied between processes, **negatively impacting overall efficiency.**

✓ **Slow development cycles:**
Responding to new needs with existing systems took time; **even small needs required significant resources.**

✓ **Disconnect in data and system integration:**
Information flow between independent applications was limited; c**entralized data management could not be achieved.**

✓ **Dependence on external sources for know-how:**
Every new software solution required external support, **preventing sufficient development of internal knowledge.**

➤ Solution: i-frame

Based on the analyses conducted, a flexible, modular, and low-code solution was sought, and the i-frame platform was chosen for this purpose.
During this process:

- A proof-of-concept application was developed for carbon footprint tracking. Development was completed in just two months by a single specialist.

- The platform's rapid development capacity was tested and high efficiency was achieved in this area.

- Compatibility with ready-made software has been ensured; i-frame was easily connected to the existing IT infrastructure.

- Special applications could be developed for niche processes, enabling the establishment of a structure that also covered non-ERP operations.

- All developments remained within the organization; knowledge and technical capabilities grew within the company.

Developing an MVP with one person in two months

Full integration with **different systems**

Process-based **digitalization framework**

All know-how remained within the organization

Kıvanç Onursal, IT Manager – Gama Enerji

"**i-frame** steps in where standard software falls short and fills in the gaps for us. In just **two months**, we developed a carbon footprint application with just one person. **Thanks to the platform's flexibility, speed, and user-friendly design**, Gama Energy's digitalization process is progressing more smoothly."

– Kıvanç Onursal, IT Manager – Gama Enerji