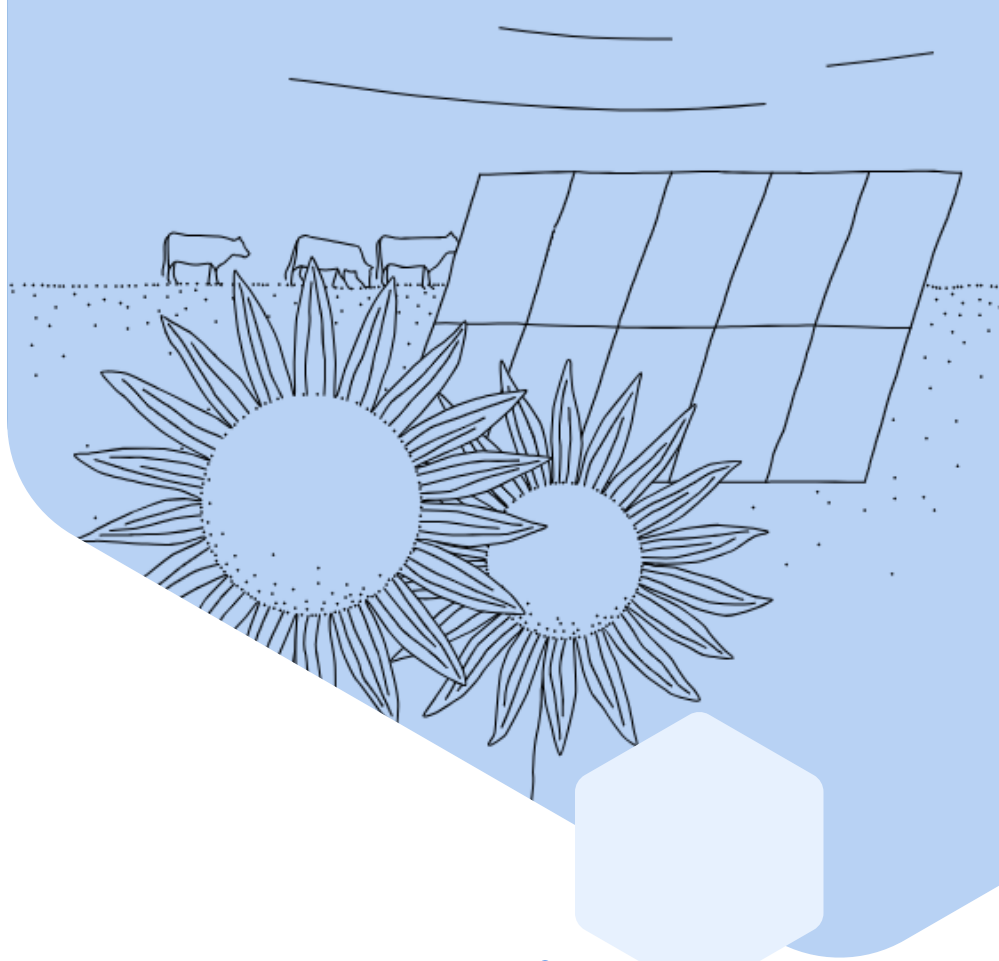




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Success Story

Estabanell Energia

Data Pipeline Orchestration
that Energizes Sustainability
and Profitability

estabanell



Estabanell, an energy and telecommunications provider, uses Stonebranch Universal Automation Center (UAC) to automate its data pipelines and cloud automation processes, resulting in improved profitability, reduced costs, and increased agility.



Background

Estabanell Energia is a leading Spanish energy and telecommunications company with a long history of innovation. Founded in the early 1900s, the company pioneered the use of hydroelectric power and is now at the forefront of fiber optics and telecommunications as well.

As an energy distributor, Estabanell is dedicated to sustainability, generating 100% renewable and responsible electric energy from sources such as photo-voltaic and micro-hydro power.

Estabanell is based in Catalonia but has plans to innovate and expand throughout Spain. Scalable automation is critical to the success of their future development.

Challenges

Estabanell requires a sophisticated data pipeline that serves the real-time energy and telecommunications needs of more than 56,000 customers in Catalonia... and beyond.

To stay ahead in an industry that's rapidly innovating and advancing, Estabanell needed to:

- Modernize its IT infrastructure to support its growing business
- Improve the efficiency and accuracy of its data management processes
- Reduce costs and increase agility in order to compete in a rapidly changing market
- Implement scalable IT automation solutions that can grow with the company

"UAC has been a game-changer for our team.

It's a powerful automation platform that has allowed us to transform our IT operations and focus on more strategic goals.

Ultimately, UAC helps be more responsive to our customers' needs."

Andrés Hidalgo Aragón
Site Reliability Engineer
Estabanell Energia

Results

- **Improve data quality and accuracy:**
Estabanell is now able to collect and process real-time data from a variety of sources more quickly and efficiently.
- **Reduce costs:**
Estabanell uses UAC to reduce its IT costs by automating repetitive tasks and eliminating manual errors.
- **Increase agility:**
Estabanell can now quickly assess energy market shifts and respond accordingly.

The Solution

Estabanell has been using Stonebranch Universal Automation Center (UAC) for three years. In that time, the company has expanded beyond traditional IT operations automation to data pipeline orchestration.

Estabanell uses UAC to improve its profitability by automating its energy data streams so the company can make informed buy/sell decisions in wholesale energy markets.

Estabanell collects real-time data from a variety of sources, including its own energy market operations, customer energy usage, and weather data. This data is then applied to advanced algorithms that predict how much energy the company needs to:

- Balance same-day supply and demand in the intraday market
- Make short-term decisions in the day-ahead market
- Anticipate long-term trends in the futures market

By effectively automating their energy data pipelines, Estabanell can process and analyze more data, more efficiently. This allows them to make better decisions about its energy market trades. Ultimately, these data-informed decisions have the power to save Estabanell a significant amount of money.

The Estabanell IT Ops team uses the Stonebranch software development toolkit (SDK) to easily build their own integrations between UAC and AWS Glue, Bitbucket, and Microsoft SharePoint. They also use UAC workflows to kick-off data exports from Talend, their ETL (extract, transform, load) solution, to Bitbucket.

The Results

Estabanell's success demonstrates the power of UAC to help companies orchestrate their data pipelines to improve profitability, reduce costs, and increase agility.

In the near future, the Estabanell IT Ops team plans to expand their use of UAC even further to provide self-service automation, cloud automation, and MLOps pipeline orchestration. And when the company is ready to expand into new regions, UAC and the IT Ops team will be ready to scale and support their growth.



"I've been working with UAC for over three years now, and I'm still impressed by its capabilities.

I highly recommend Stonebranch to any organization that wants to improve their efficiency and agility."

Andrés Hidalgo Aragón
Site Reliability Engineer
Estabanell Energia

ABOUT STONEBRANCH

Stonebranch builds IT orchestration and automation solutions that transform business IT environments from simple IT task automation into sophisticated, real-time business service automation. No matter the degree of automation, the Stonebranch platform is simple, modern, and secure.

Using the Stonebranch Universal Automation Platform, enterprises can seamlessly orchestrate workloads and data across technology ecosystems and silos. Stonebranch serves some of the world's largest financial, manufacturing, healthcare, travel, transportation, energy, and technology institutions.



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