

# Low code software: A solution for modern energy companies

LOW CODE PLATFORMS EMPOWER BUSINESS USERS WITH NO CODING OR PROGRAMMING EXPERIENCE TO BUILD APPLICATIONS THAT ARE EASIER TO INTEGRATE, MODIFY, AND UPGRADE. ORGANISATIONS CAN ADAPT MORE QUICKLY TO CHANGES IN THE MARKET, CUSTOMER NEEDS, AND EVEN LEGISLATION. STAYING AGILE, BREAKING DOWN DEPARTMENTAL SILOS, AND IMPROVING OVERALL PRODUCTIVITY.



## WHY LOW CODE?

Low code platforms are becoming the go-to for competitive businesses. Gartner believes over 50% of medium and large businesses will be using low code platforms by the end of 2024, delivering over 65% of app development.

It's not difficult to understand why when low code platforms deliver benefits like:



Low barrier to entry, cost and deployment time



Apps built by your own domain experts to meet your exact requirements



Faster development cycles



Increased productivity and reduced IT project disruption



Faster innovation and change adoption

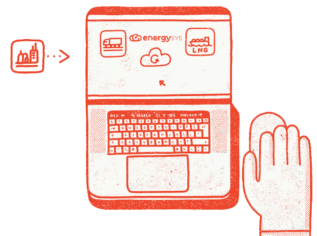
But not all low code platforms are not built the same. Many focus on supporting faster development time with easy drag and drop functionality. This is useful when creating basic CRM applications, helping reduce deployment time, resource strain and expense, but aren't suitable if your requirements are more compound.

## EnergySys is the leading low code platform for energy

In the energy industry, where calculations and data management needs are highly complex and constantly evolving, EnergySys provides a low code platform designed specifically to handle the unique requirements of your energy business. Users can configure entire solutions, and change them in the future, without any vendor or third-party assistance. There's no need for specialist programming skills or IT resources, and no on-premises kit to manage.

Use our built-in calculation engine to configure all of your business rules using spreadsheet formulae, including data import and validation. Configure workflows that allow you to define chains of processes and execute them automatically on pre-defined events or at particular times. Create processes to export data in spreadsheets or XML files, or generate and distribute formal reports. Build attractive and useful ad hoc reports and dashboards using our favourite offline tools such as excel and PowerBi.

Its custom software, without the customisation.



### Custom software without the customisation

In a hyper-personalised world, low code platforms enable a wider, nontechnical audience to use their domain expertise to rapidly assemble solutions that meet their unique needs. EnergySys provides the ability to make changes quickly and easily by the user, with a full audit history to identify any modifications. This functionality supports evolving needs faster and more efficiently than any legacy software.

### Superior control and transparency

Instead of traditional coding languages like C# or java, we process Open XML Spreadsheet format as business logic. This allows business users to create, modify or review application logic quickly and easily. That's not all. As well as using spreadsheets to inspect the details of the logic that make up their applications, users can also review comprehensive logs of every individual execution of a calculation process for anomaly resolution. Only in EnergySys can you understand exactly how every result was derived, and audit every change to the system using familiar tools.



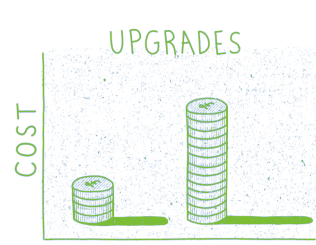
### Added capabilities through powerful integrations and templates

EnergySys is intended to be used by business people, not software engineers. The person who defines the requirements can also build the system to meet them. They have experience with using the platform, integrating it with external systems like data historians, adding automations and building reports. For those looking to expedite their implementation, our partners have template applications that can form the foundation of your own solution. You can run the template applications exactly as delivered or they can be easily modified to precisely meet your needs.



### Lowered total cost of ownership

EnergySys low code software takes value to another level. No more expensive change projects. Kiss goodbye to expensive upgrades. Regular non-disruptive upgrades are included in your subscription, so there are no hidden charges or external support costs. Moving to the cloud with EnergySys eliminates hardware costs and the need for the resources to run them. Done right, the TCO can be as little as 5% of your traditional system.



## ENERGYSYS CUSTOMERS



Our list of customers includes super-majors, small independents, companies with large assets, small assets, multiple assets and everything in between.

They have all used EnergySys software to create applications for whatever purpose they require, not limited to the following:

- Production allocation
- Production reporting
- Planning
- Forecasting
- Performance analysis
- Managing commercial processes around capacity booking, nominations, and product quality difference for pipelines
- Production optimisation
- Pipeline management
- Marine Vetting
- Managing market regulation
- Tracking and reporting Greenhouse Gas Emissions
- Processing and managing partner-operated asset data
- Tracking, reporting and forecasting product inventory, transport availability and journey times for cargo despatching
- Invoicing

## WHAT DO OUR USERS SAY?

"After implementing two systems, one to replace a major Enterprise architecture, I can tell you EnergySys jumps the curve when it comes to solving challenges. This along with the "no code" concept makes adapting to ever changing operational requirements very quick and inexpensive."

**Production Measurement and Allocation Team Leader, bp**

We saw EnergySys as an ideal solution because their architecture provides much more flexibility to accommodate change than previous systems. It allows us to layer on extra functionality whilst still allowing upgrades to the underlying base code.

**UK Business Systems Team Lead, Harbour Energy**

The increased adoption in no-code/low code development platforms is the next key enabler for bp's reinvention. The latest implementation is a brilliant demonstration of the power of the EnergySys platform, as well as bp's ability to transform.

**Upstream Digital Manager, bpx**