



Part of the **energyone** group

MEL Param Run Rate Bulk Submit 11:07 BST Gate Closure in 82 mins

+ BMU: 2\_DPGEN001

Status MEL Param Run Rate Bulk Submit Select BMU: 2\_DPGEN001



MEL SEL PN NOW GATE CAP MIL SIL BOA GEN

+ Messages & Alerts

Incoming Messages Alerts Messages

Filter

Log Time Today Status All

Refresh

Status	Log Time	Message Type	BMU	Message	ACK Time	ACC Time	REJ Time
ACK ACC REJ	New	25/Apr/2017 11:01:00	BOAI	2_DPGEN001 14:30 from 40MW to 40MW in 30 mins			
ACK ACC REJ	Submitted	25/Apr/2017 11:01:00	BOAI	2_DPGEN001 14:30 from 40MW to 40MW in 30 mins			
ACK ACC REJ	New	25/Apr/2017 10:05:00	BOAI	T_RRWW-1 18:00 from 400MW to 400MW in 180 mins			
ACK ACC REJ	Acknowledged	25/Apr/2017 10:05:00	BOAI	T_RRWW-1 18:00 from 400MW to 400MW in 180 mins 25/Apr/20			

smarter. simpler

Contigo Software Solutions



## Contigo Product overview

We have been developing Energy Trading and Risk Management (ETRM) solutions for over 10 years. Our software is designed and supported by energy industry experts with a wealth of experience working in organisations across energy generation, wholesale and retail. We have successfully supported both

### enTrader<sup>®</sup>

enTrader is a modern Energy Trading and Risk Management system that supports your full trade life-cycle, all the way from deal capture, through to risk management and settlement. Being a scalable application, it provides flexibility via optional modules enabling the system to meet your growing business needs.

enTrader has a browser-based interface that is intuitive and easy to use. Based on time series data management, it enables users to manage risk and value in time granularities dictated by the market rather than technology.

enTrader is preconfigured to provide comprehensive support for all European power and gas markets, enabling rapid implementation so you can be up and running in just a few months. A vanilla version of enTrader can be implemented in under 8 weeks.

established and emerging businesses to grow across Europe.

Our software supports European energy trading and are designed to be seamlessly integrated.

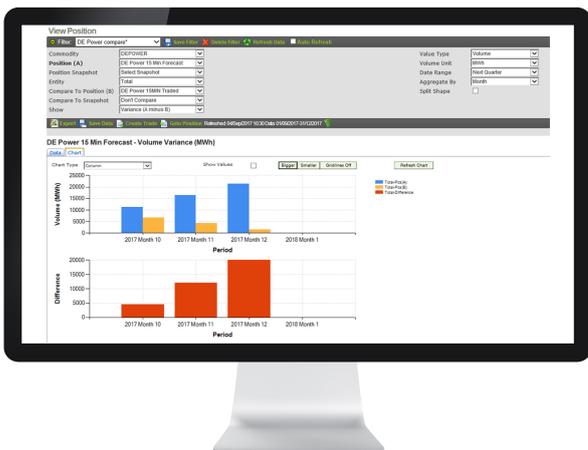
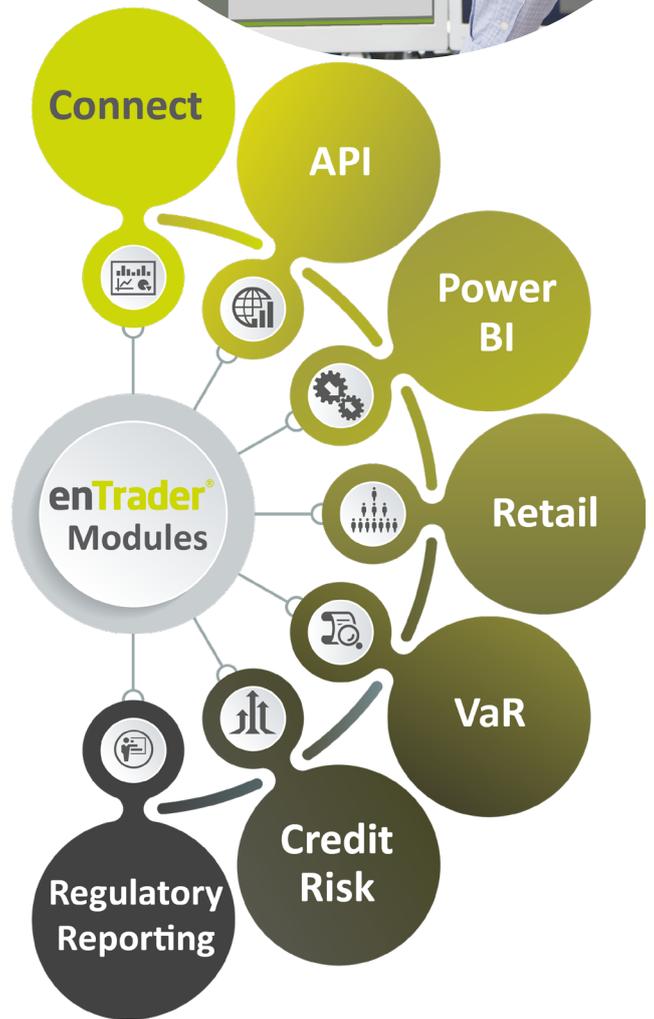
### Use enTrader to

- ✔ Manage your full energy portfolio in near real time with ease and confidence
- ✔ Manage all of your European gas and power trades
- ✔ Manage your short term 'within day' and 'day ahead' portfolio
- ✔ Rapidly view data to support your critical business decisions and effectively manage your risk
- ✔ Manage regulatory requirements such as REMIT and EMIR with ease
- ✔ Increase your operational efficiencies via automation and straight-through-processing



# Why you should consider enTrader

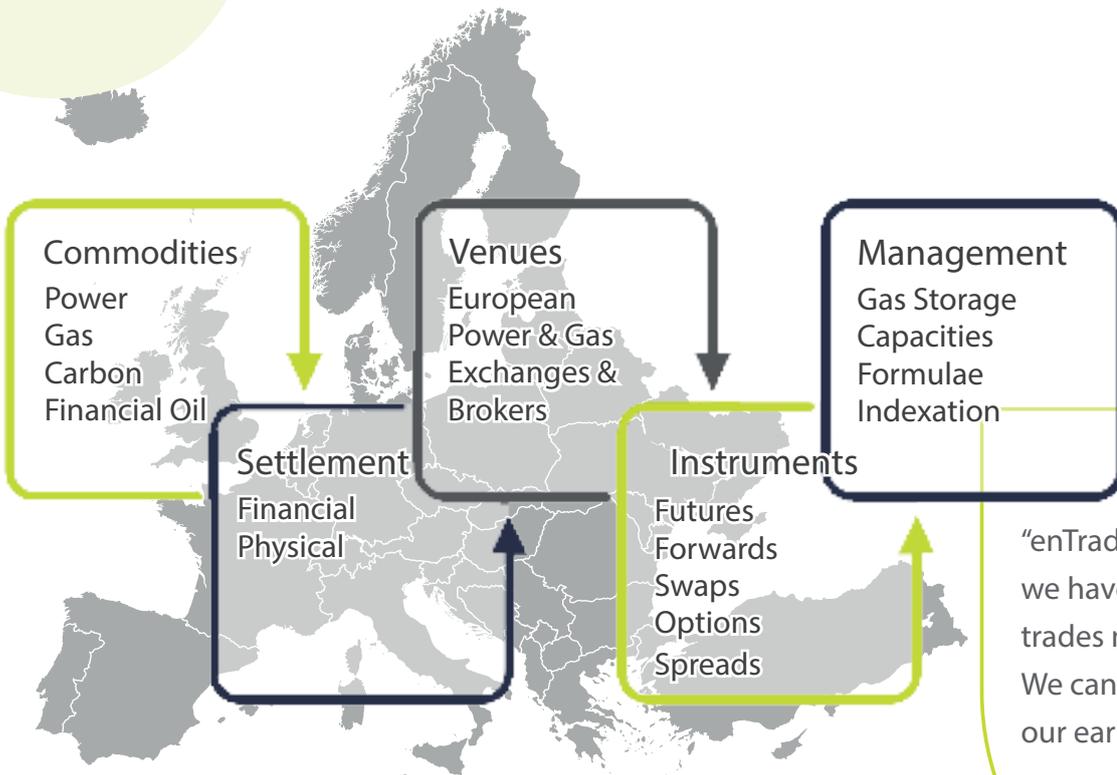
enTrader offers comprehensive functionality



“We chose enTrader because of its ease and speed of implementation, its flexibility and because it offered the best value.”

Mikkel Kynde,  
NGF Nature Energy  
portfolio manager

A single system covering



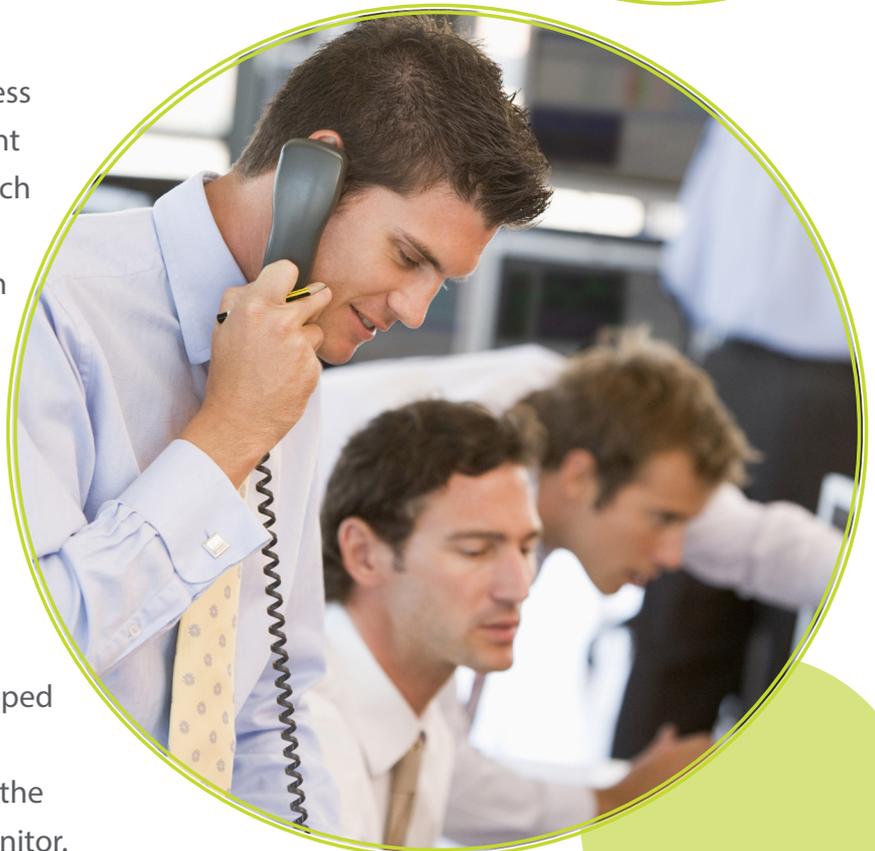
"enTrader is easy to use and we have been able to structure trades much more than before. We can now see clearly where our earnings come from."

Mikkel Kynde,  
NGF Nature Energy  
Portfolio Manager

## Know your position and exposure

Have the confidence to make critical business decisions by viewing an accurate and instant picture of your exposure and risk at the touch of a button. Featuring a sophisticated real time position management engine, you can maintain multiple trading positions and run MtM valuations against market curves in real time.

As part of your initial enTrader set up, standard reports are available, offering monitoring capability and rich position reporting. Additional reports can be developed within the free report builder and then embedded within the software, giving you the flexibility and control over the data you monitor.



# An energy industry communication tool

enVoy simplifies the process of sending and receiving energy industry data in the UK power market. The system provides the capability to submit UK ECVNA, Physical Notifications and Bid-offer data.

enVoy provides the link between the Energy trading function, and external data agents and other industry flows. Designed from the ground up and built with the latest Microsoft technologies, enVoy sets the new standard for fast, responsive and reliable intra-industry data flow management.

enVoy comprises of 3 modules:

Elexon ECVN module which manages the contract notification process and supports all other data flow from Elexon.

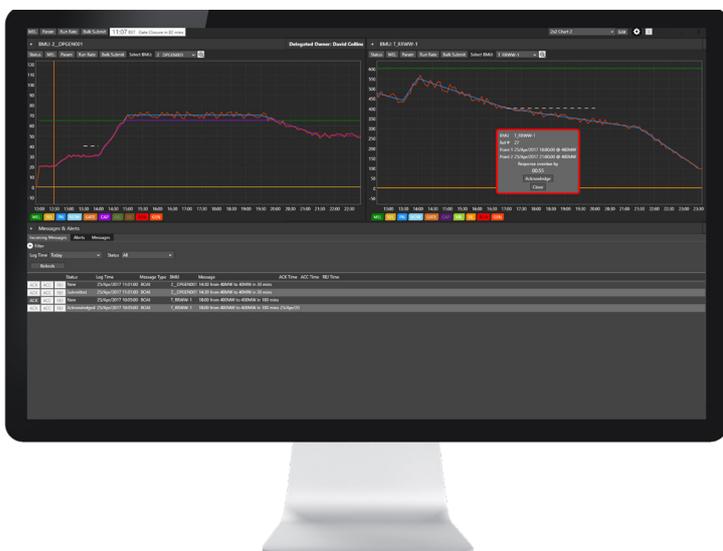
EDT module which manages all EDT data flows such as physical notifications and Bid offers to National Grid.

EDL module which manages all EDL data flows and supports real time dispatch with National Grid.



## Use enVoy to

- ✔ Monitor your position - ensure that your traded and notified positions match
- ✔ Easily manage contract notifications to Elexon
- ✔ Easily provide EDT submissions including bids and offers to National Grid
- ✔ Track your generation in near real time and rapidly respond to bid offers
- ✔ Prevent penalties by ensuring accurate, on-time submissions
- ✔ Integrate data with your trading systems



“The support from Contigo is very good, with a very quick response time and a keenness to listen to our requests and make adaptations to meet our business requirements.”

NGF Nature Energy,  
portfolio manager, Mikkel Kynde



## Why you should consider enVoy

enVoy provides an automated workflow to manage all ECVN, EDT and EDL Submissions. Parameters can be configured, providing automated alerts when approaching thresholds or to highlight key issues. enVoy maintains a full audit history for data maintained within the system.

Being a scalable solution, you can opt for only the functionality you need, whilst the system offers you an opportunity to extend your usage as your needs grow. This approach ensures enVoy is a cost effective solution for you.

### Elexon ECVNA module

The Elexon ECVNA module provides comprehensive management of the ECVN contract notification process between UK Power trading organisations and Elexon. This link ensures the contracted position held at Elexon is always correct with the minimum amount of user interaction. In addition, this module also supports all data flows from Elexon.

### EDT module

The enVoy EDT module provides an interface to National Grid Transco (NGT) EDT, allowing UK Power generators to send various types of submission to NGT (such as Physical Notifications, Bid Offer Submissions, Parameter and Run Rate Data).

Contigo has worked with National Grid to ensure that we are compatible for the switch over to EBS (Electronic Balancing System). enVoy software is EDT accredited by National Grid.

### EDL module

The EDL module provides a rich, real time view of your generation status and supports all EDL data flows. It allows you to quickly assess and respond to instructions received from National Grid. Our profile capability allows you to quickly submit changed parameters, run rates and MELs to National Grid.

### Supporting you to achieve Elexon accreditation

We support emerging and established businesses through the process of gaining Elexon CVA accreditation, completing relevant implementation and undertaking comprehensive testing of Elexon files.

“Contigo worked with us to ensure that the system would provide us with all the reports we would need and also helped us to gain CVA accreditation with Elexon to fulfil our contractual requirements.”

Invenergy  
associate asset manager  
Jonathan Kett



# Contigo Cloud services

We offer both enTrader and enVoy as a fully hosted provision. Opting for Contigo's cloud based service provides a scalable solution that can reduce CAPEX - service fees are staggered over the agreement period.

Our service includes monthly upgrades and ongoing software support combined with infrastructure management, backups and disaster recovery.

Our service supports customised versions of Contigo software and is fully secure, using SSL encryption and robust segregation of all customer data.



## Service Comparison

Deployed vs Contigo's hosted service

Deployed

Hosted

**Data - Maintenance of system performance, accuracy and accessibility of data**

✗

✓

**Disaster Recovery - Ensuring continual running of system and management of contingencies**

✗

✓

**Security - Robust security management, patching updates**

✗

✓

**Upgrades - Application of upgrades**

✗

✓

**Infrastructure - Virtualisation, hardware, networking, scalable data storage**

✗

✓

**Licensing - Provision of licenses e.g. Windows and SQL Server**

✗

✓



**ETRM in the Cloud**

"Contigo hosts the service for us in the UK and this means that we are able to avoid additional complexities."

Invenergy associate asset manager, Jonathan Kett

**Best Practice**

We have been offering cloud based services to customers for over 5 years, demonstrating our expertise in delivering a reliable and robust solution.

## About Contigo

We have been developing Energy Trading and Risk Management (ETRM) solutions for over 10 years. Our software is designed and supported by energy industry experts with a wealth of experience working in organisations across energy generation, wholesale and retail. We have successfully supported both established and emerging businesses to grow across Europe.

Our software is offered both in the cloud and deployed.

Contigo is part of the **energyone** group.

Find out how Contigo software  
can support your business.

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