

# Predictability at your fingertips

# HTX

# DIGITAL<sup>©</sup>

Glacier Energy is a leading specialist in the design, manufacture, repair and maintenance of heat transfer equipment, including full failure analysis.

To support the sustainability of our industry and provide greater efficiencies for our customers, Glacier Energy has developed an innovative and predictive heat exchanger maintenance solution,

to better manage risk through mitigating unplanned downtime.

HTX Digital has been designed by our experts with a deep understanding of the complexities of heat transfer equipment and built by data scientists to solve common failures and maintenance challenges.

## Real-time monitoring through digitalisation

HTX Digital is a **non-intrusive monitoring** solution that uses existing data, combined with predictive analytics, to trend and predict the future performance and degradation of heat exchangers leading to smarter decision-making and more effective maintenance scheduling.

HTX Digital addresses challenges, such as:

- **CARBON EMISSIONS**
- **ENERGY EFFICIENCY**
- **FOULING**
- **THERMAL EXPANSION**
- **VIBRATION**
- **OPERATIONAL LIMITS & PARAMETERS**

# DATA SCIENCE



## How it works

### ANALYSIS

Using specially designed **analytics** and **algorithms**, our subject matter experts can interpret heat exchanger data into meaningful insights that can be acted upon in real time, or predicted, to maintain and **improve operational stability**.

This allows Operators, who are under continued pressure to optimise the performance of their critical assets, to **maximise productivity and reduce maintenance downtime**.

### PREDICTABILITY

**REDUCE MAINTENANCE COSTS & UNPLANNED DOWNTIME BY UP TO 30%**

Lost production in the UKCS due to heat transfer equipment failures, is estimated to be around £600m per annum. HTX Digital can reduce maintenance costs and unplanned downtime by up to **30%**.

Furthermore, in our efforts to support the industry's net zero ambition, HTX Digital is helping companies achieve **cleaner and more efficient energy production**.

### PERFORMANCE



**OPTIMISED  
EFFICIENCY**



**IMPROVED  
PRODUCTIVITY**



**REDUCED  
CARBON  
EMISSIONS**



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