BUILDING DATA INTELLIGENCE

PROTECTING MARTIN BROWER'S COLD CHAIN

Asset intelligence for every critical system on site.

TRUSTED BY

AKRIDGE Baylor Scott & White HEALTH CBRE



PREPARED FOR

Martin Brower

PRESENTED BY

NBS

National Building Services

MARTIN BROWER

NOT JUST A FACILITIES ISSUE.

Foodservice supply chain, 90+ years

Multi-temperature distribution

Built on refrigeration, cold storage and building systems

24/7: every failure reaches supply

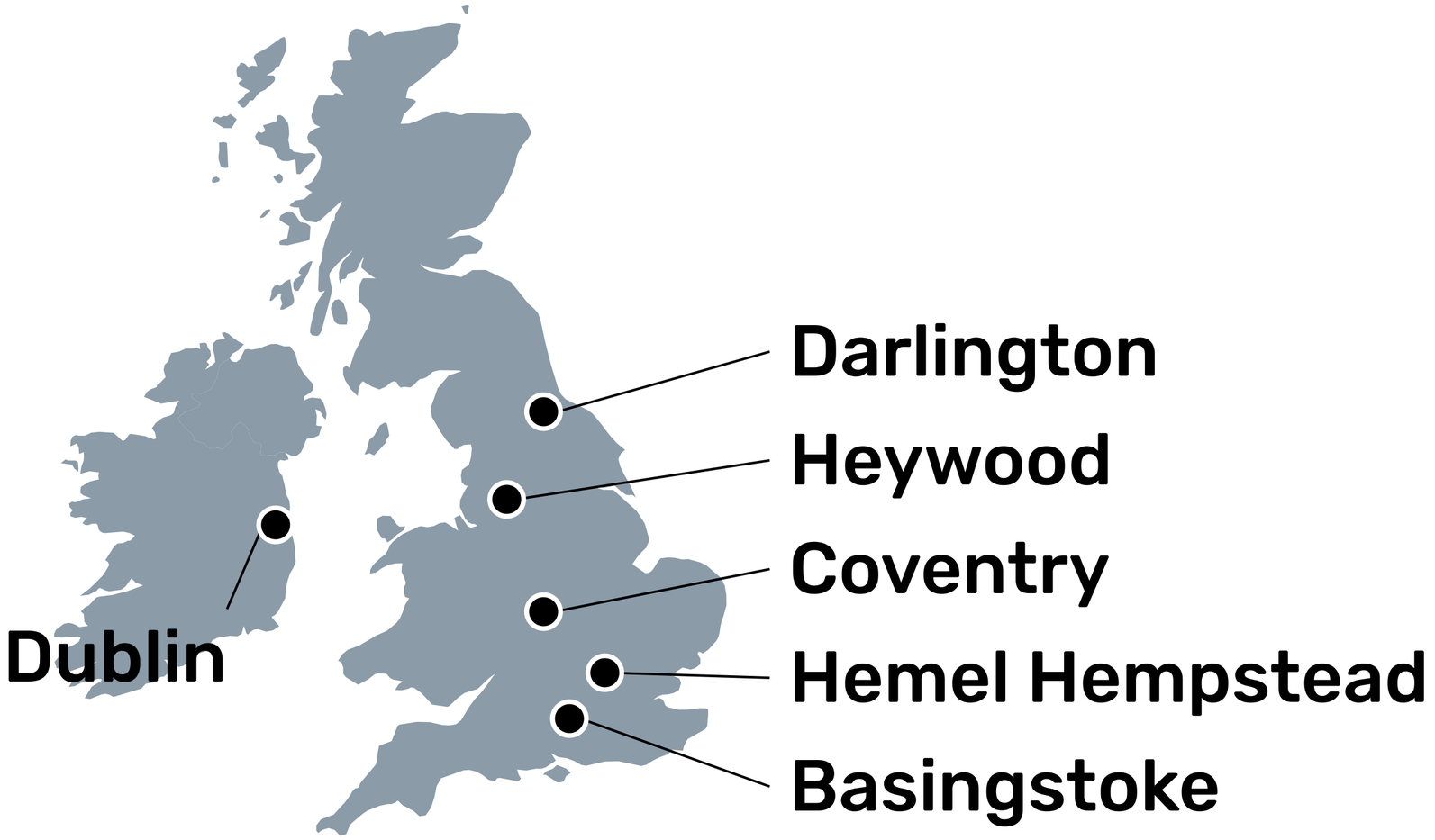


Martin Brower

SITES

SIX SITES. ONE COLD CHAIN.

Head office in Hemel Hempstead.



MARTIN BROWER OPERATIONS

THE ENVIRONMENT BDI WOULD WATCH.

Six sites run around the clock on plant that has to hold temperature: cold rooms, compressors, condensers, dock doors and the power behind them.

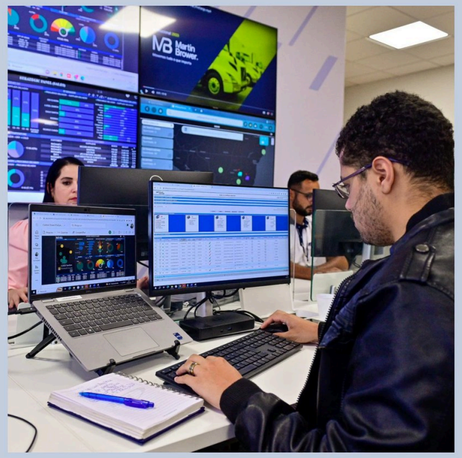






YOUR PROMISE

“REAL-TIME DATA THAT ANTICIPATES RISK.”



Real Time Data That Anticipates Risks

Smarter systems means real time end-to-end traceability and temperature control, enabling companies to proactively anticipate risks before products reach the final customer.

HOW BDI × NBS HELP YOU KEEP IT

BDI watches

Every cold store’s plant, live.

BDI warns

Faults flagged before failure.

NBS acts

Engineers sent, diagnosis in hand.

THE RISK

WHEN A COLD ROOM FAILS, IT'S NOT A TICKET.

Today most failures surface as an alarm, after the fact.

- Food safety, compliance and product integrity
- Missed deliveries to customers
- Emergency call-outs and repeat visits

WHAT BDI DOES

FROM RAW POINTS TO WORK ORDERS.

Connect	Any BMS, any vendor, any protocol.
Structure	Tags every point into one model.
Analyze	Scores assets and finds faults.
Act	Prioritised work orders, to engineers.

WHAT WE MONITOR · REFRIGERATION

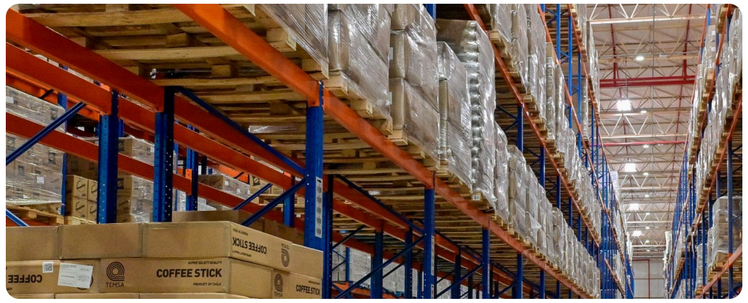
REFRIGERATION COMES FIRST.



- Cold store temperatures
- Compressor performance
- Condenser efficiency
- Refrigeration alarms
- Temperature trends

WHAT WE MONITOR • ACROSS THE SITE

HVAC, ELECTRICAL AND DOCKS.



HVAC

Warehouse heating
Air handling units
Extract systems
Comfort cooling



ELECTRICAL

Distribution boards
MCCs
Generator systems
Critical power

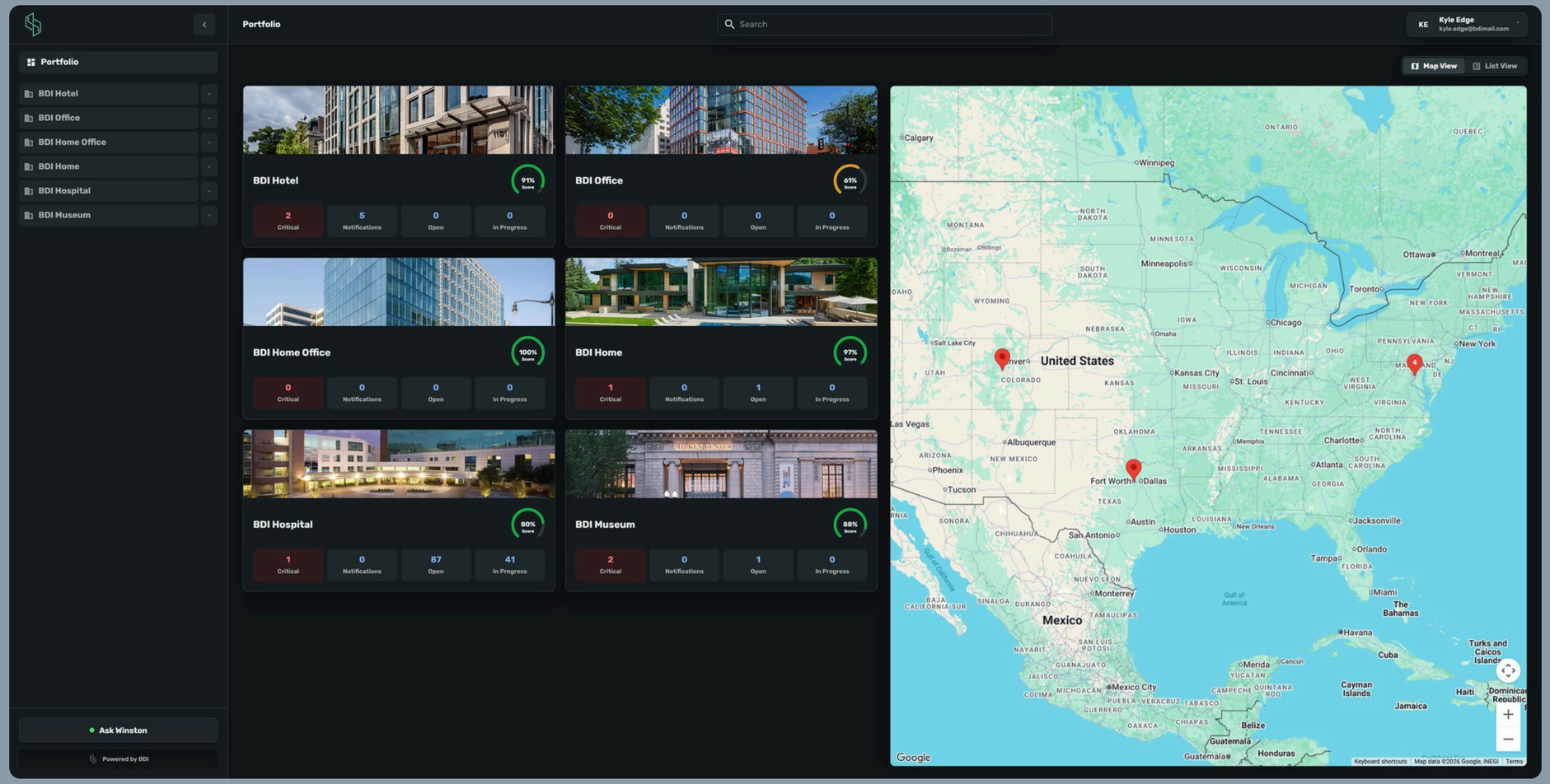


DOCKS & BMS

Dock equipment
Loading doors
BMS systems

THE PLATFORM

EVERY SYSTEM IN. ONE INTELLIGENT PLATFORM OUT.

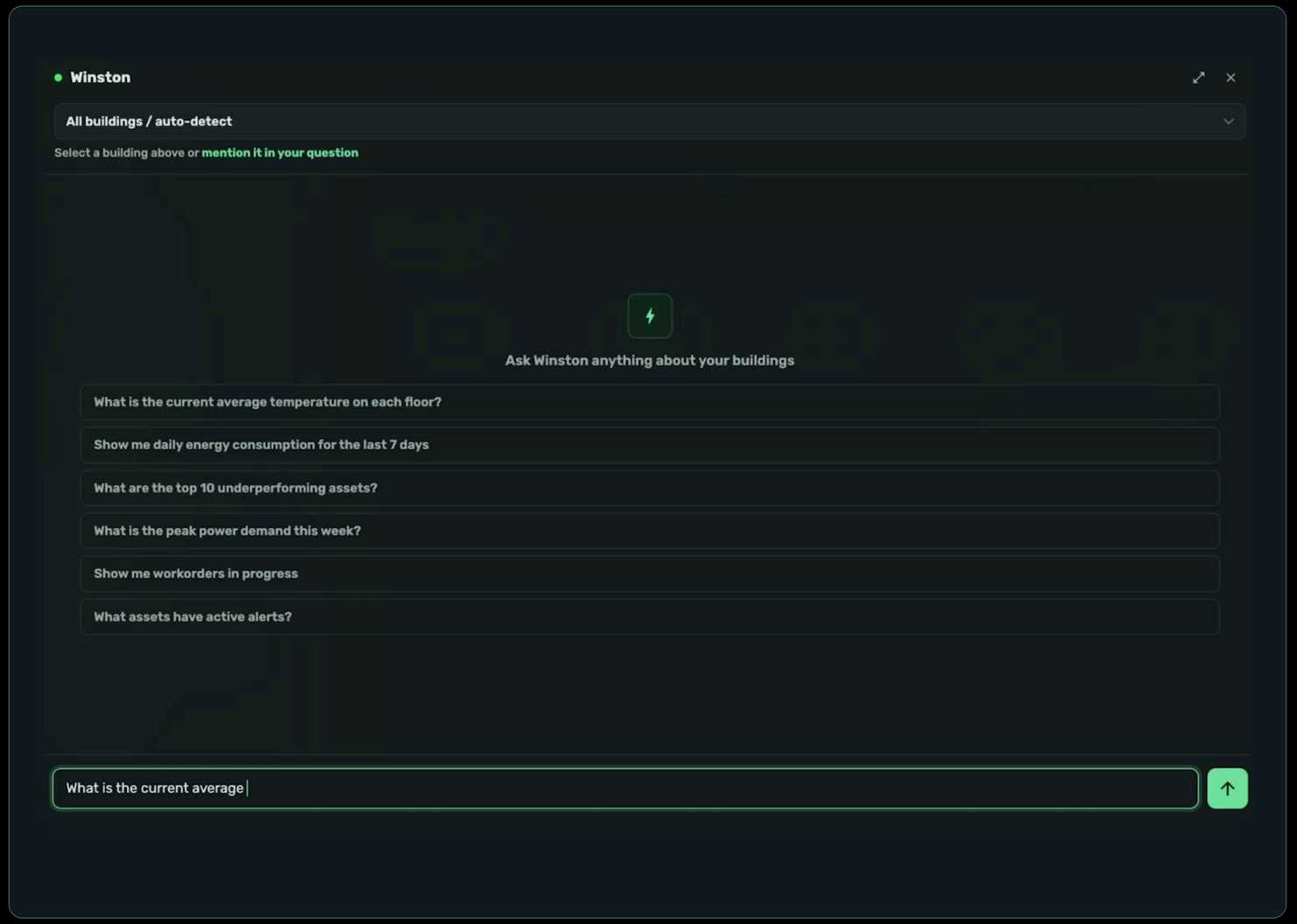


ENTERPRISE FEATURE

MEET WINSTON. ASK, DON'T SEARCH.

This is a 30-second video. Watch it at nbs.bdihub.com/martinbrower/deck.

An engineer asks a plain-English question. Winston answers from live data.



CURRENT STATE · FUTURE STATE

FROM REACTING TO PLANNING.

TODAY

01 Fault occurs

02 Alarm received

03 Engineer attends

04 Diagnosis on site

05 Repair arranged

WITH BDI

01 Continuous monitoring

02 Early warning raised

03 Checks recommended

04 Planned intervention

05 Less disruption

USE CASE 01

REFRIGERATION FAILURE PREVENTION.

TODAY

Failures are found after an alarm or an operational issue.



WITH BDI

Performance trending

Deterioration identified

Abnormal operation flagged

Intervention before failure



USE CASE 02

REDUCING REACTIVE MAINTENANCE.

TODAY

Engineers attend after failure, with limited information.

Alarm, then repeat visits



WITH BDI

- Fault detail before attending
- Critical issues prioritised
- Fewer unnecessary visits
- Better first-time fix rates

Flagged with the diagnosis



USE CASE 03

ENERGY MANAGEMENT.

TODAY

Energy shows up as one bill, not by the plant behind it.



WITH BDI

- Refrigeration demand
- Heating usage
- Peak demand charges
- Reduction opportunities



HOW IT WORKS WITH NBS

FROM INSIGHT TO CLOSED WORK ORDER.

BDI identifies the issue. NBS manages the intervention.

01 · BDI

Finds fault and root cause.

02 · NBS CAFM

Raises and prioritises the job.

03 · ENGINEER RESPONSE

Attends with the diagnosis.

04 · CLOSED WORK ORDER

Fix confirmed in the data.

TRACK RECORD

WHAT ONE YEAR ON THE PLATFORM DELIVERED

£132K

OPERATING EXPENSE SAVED

Staff productivity gains and OEM corrective commissioning.

£226K

REPAIRS AVOIDED

Early detection eliminated coil replacements before failure.

£1.9M

CAPEX DEFERRED

Optimised equipment use extended useful life.

AFTER TODAY

NEXT STEPS WITH MARTIN BROWER.

01 · PLATFORM DEMO

A walk-through of the platform.

02 · SITE SURVEY

Your sites, mapped system by system.

03 · PROPOSAL

Scope and a fixed fee per building.

HOW WE HELP MARTIN BROWER

PROTECT THEIR COLD CHAIN. IMPROVE ASSET RELIABILITY. REDUCE OPERATIONAL RISK.

National Building Services

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