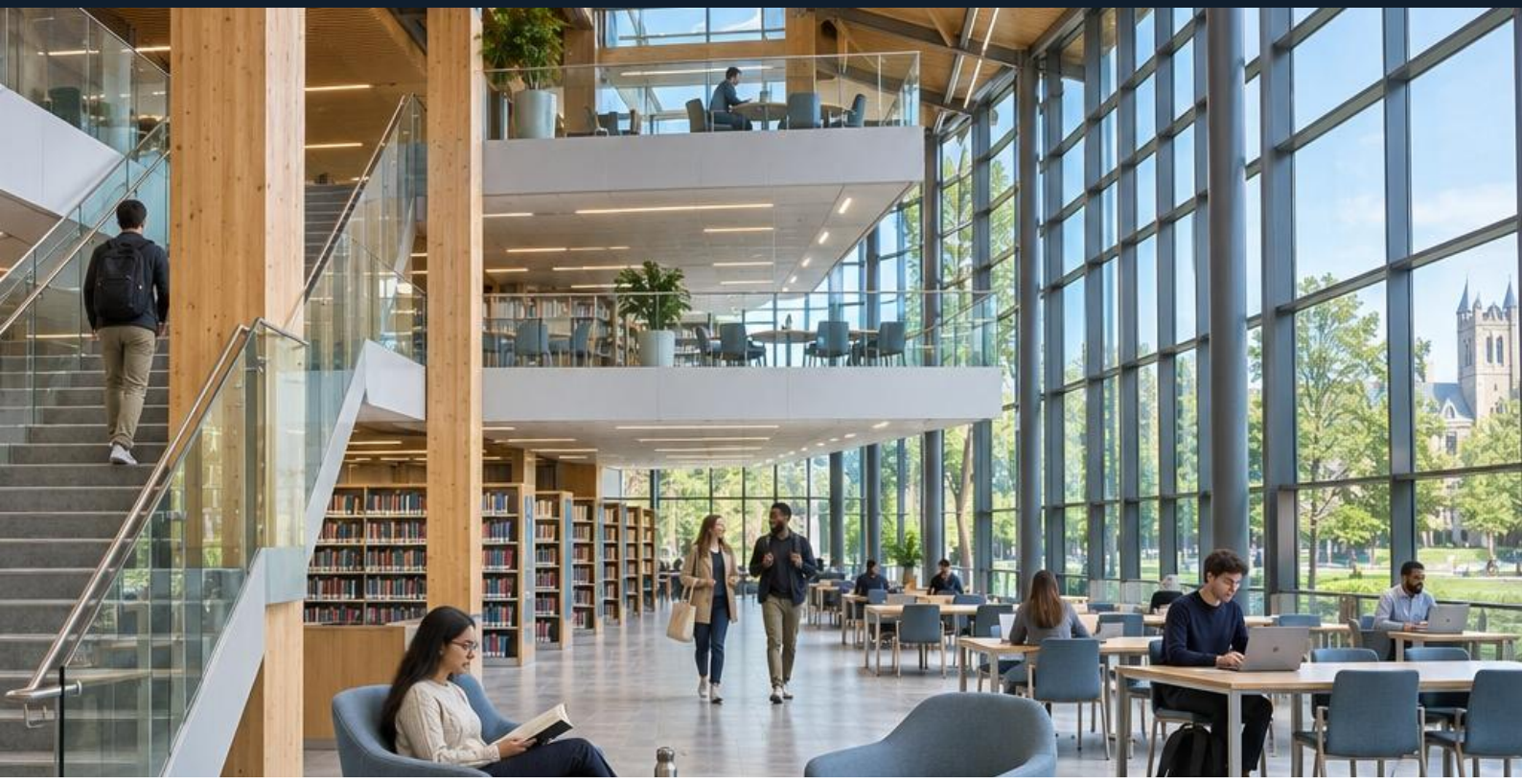
UNIVERSITIES & HEALTHCARE

HBT

Occupancy Intelligence

Understanding how campuses and estates are really used.

Collate, analyse and forecast occupancy usage, underpinned by technology.



A CLEARER VIEW OF YOUR ESTATE

Understand how people move through and use spaces with real-time occupancy monitoring, analysis, benchmarking and predictive forecasting.

From data to intelligence



THE INFORMATION

Reservation

Scheduled use of rooms, spaces and other areas.

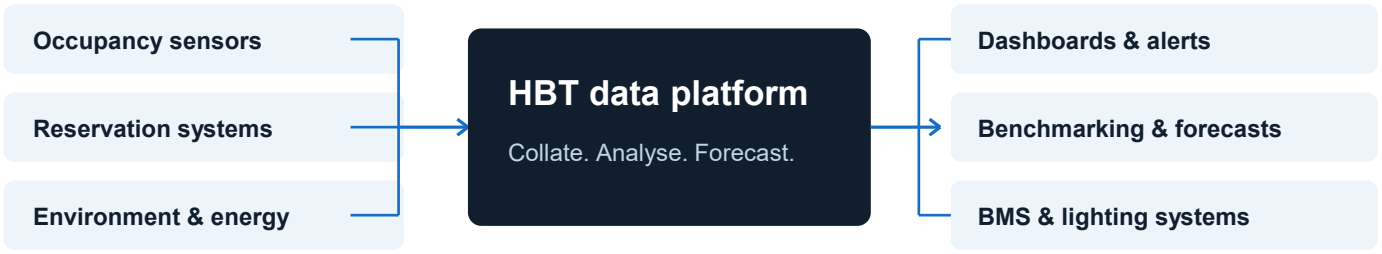
Occupancy

Actual occupancy, people counts, movement and dwell time.

Environment & energy

Operational and environmental conditions.

HOW THE SYSTEMS CONNECT



THE COMPONENTS

Occupancy

Collating from existing or additional sensors, lighting occupancy detectors or access pass systems.

Reservation systems

Collating room schedule information from the faculty system automatically, room booking and event planning.

Environmental systems

Informing the installed BMS and lighting systems via BMS protocols and APIs.

Platform

Data collated and securely stored for visualisation, alerts, benchmarking and historical modelling.

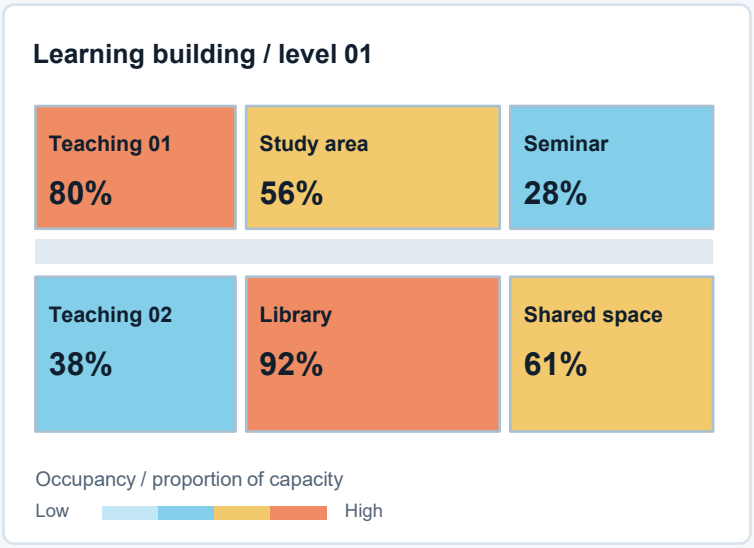
See how spaces are used

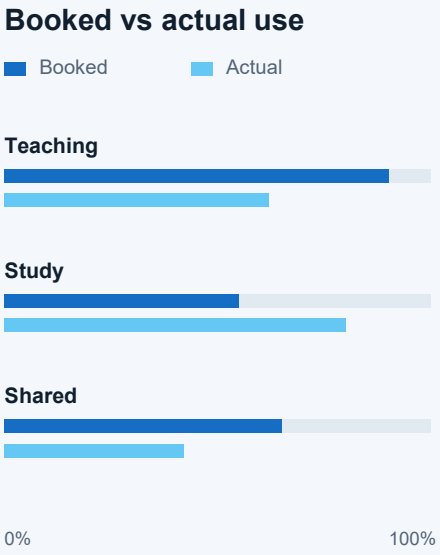
Are reserved spaces actually being used?

Management teams know when rooms and spaces are booked, but often have limited visibility of actual occupancy, how the spaces are being used, by how many people or for how long.

Estate occupancy overview

Illustrative dashboard / sample data





Schematic plan and sample values. Not live estate data.

THE ACTION

Compare scheduled use with actual occupancy to identify unused bookings, unexpected occupancy and mismatches.

Use live occupancy to inform environmental and lighting systems, allowing spaces to respond to actual use.

Across the campus

Teaching rooms, lecture theatres, libraries, study areas and shared facilities.

Across healthcare estates

Waiting areas, outpatient departments, public areas and clinical support spaces.

Better informed estate decisions



THE BENEFITS

Lower energy and operating costs

Reduce energy consumption and operating costs by avoiding unnecessary heating, cooling, lighting and ventilation.

Improved utilisation

Improve utilisation by identifying underused, overused and incorrectly booked spaces.

Forecast demand

Forecast occupancy usage based on historical patterns.

Automate reporting

Automate usage reporting.

Better experience

Improve experience by adapting conditions to actual occupancy and use.

Connected understanding

Understand relationships between reservations, occupancy, dwell time, environmental conditions and energy use.

Keep users informed

Notify users of upcoming occupancy levels.

Plan for the future

Benchmarking and modelling for space planning, operational benchmarking and future design.

Understand your estate. Plan with confidence.

Occupancy intelligence for universities and healthcare.