50ntay®
ANNIVERSARY



WELCOME TO SONTAY
Your Guide to Innovative Solutions

INNOVATION • QUALITY • COMMITMENT • SUPPORT

50ntay®
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50

Eaton-Williams
1974
The Beginning


1986
A New Home

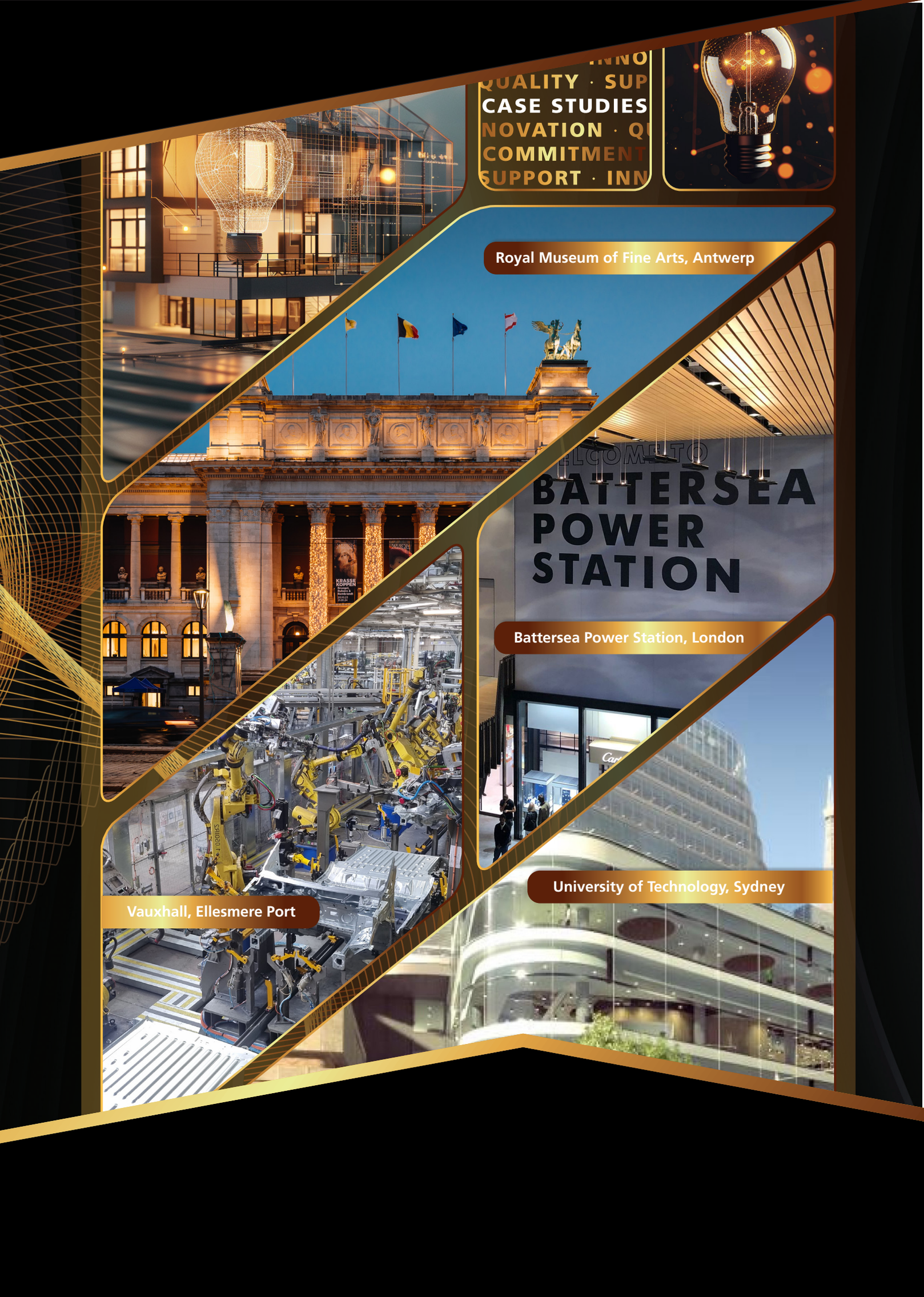


1994
Our First Catalogue


2001
Owned by GE


2004
Management
Buyout

50 50 50 50
50 50 50 50 5
HISTORY
50 YEARS OF
TAY SONTAY
50 50 5
50

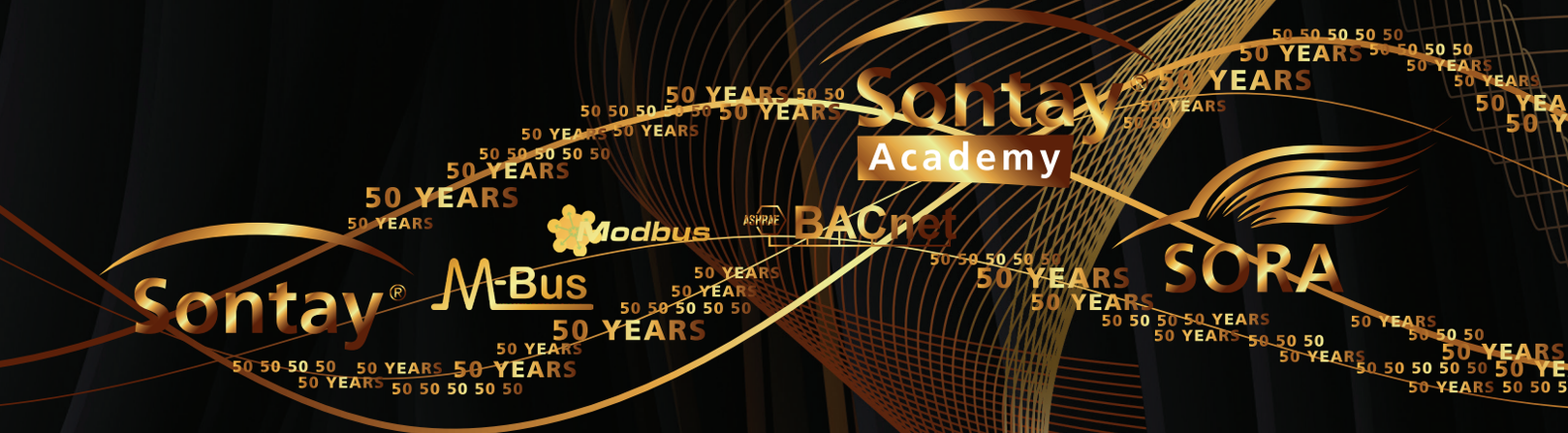

QUALITY · SUP
CASE STUDIES
NOVATION · Q
COMMITMENT
SUPPORT · INN
Royal Museum of Fine Arts, Antwerp
BATTERSEA
POWER
STATION
Battersea Power Station, London
Vauxhall, Ellesmere Port
University of Technology, Sydney

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CELEBRATING 50 YEARS OF OUTSTANDING PROJECTS

For half a century, Sontay has been celebrating the success of all the amazing projects that we have been privileged to play a part in. We are proud to have been selected as the trusted partner for sensing devices in so many groundbreaking and prestigious projects both in the UK and around the globe.

With technology continually evolving, and our need for our buildings to perform better than ever, we're excited to see what the next 50 years will hold!





Śląsk Wroclaw Stadium
September 2011



Burj Khalifa
January 2010



The Guildhall Art Gallery
November 2014



Buckingham Palace
2006



Eden Project
1999



Bluewater Shopping Centre
March 1999



Khan Shatyr Entertainment Centre
Kazakhstan · July 2010



Gunwharf Keys
February 2001



Pfizer Ltd Research &
Development Facility · 2001



The Shard
February 2013



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Made in UK



Our commitment to quality starts at home, with each device proudly manufactured in the UK.

ISO9001



Achieving this certification underscores our dedication to maintaining the highest standards of quality management.

ISO14001



We prioritize sustainability and environmental responsibility in every aspect of our business.

CELEBRATING INNOVATION AND LEADERSHIP

For 50 years, Sontay has been at the forefront of innovation in sensing solutions for building management systems. Our milestones highlight our dedication to quality, sustainability, and customer satisfaction, reinforcing Sontay as your trusted partner in the industry.

99%
of our customers would recommend us



Our customer satisfaction is a testament to the reliability and performance of our products.

WELL Building Standard



Our solutions contribute to creating healthier and more productive environments, aligning with the WELL Building Standard.

Data Quality & Data Transparency



We ensure that our devices provide accurate, reliable data, empowering you with the insights needed for optimal building management.

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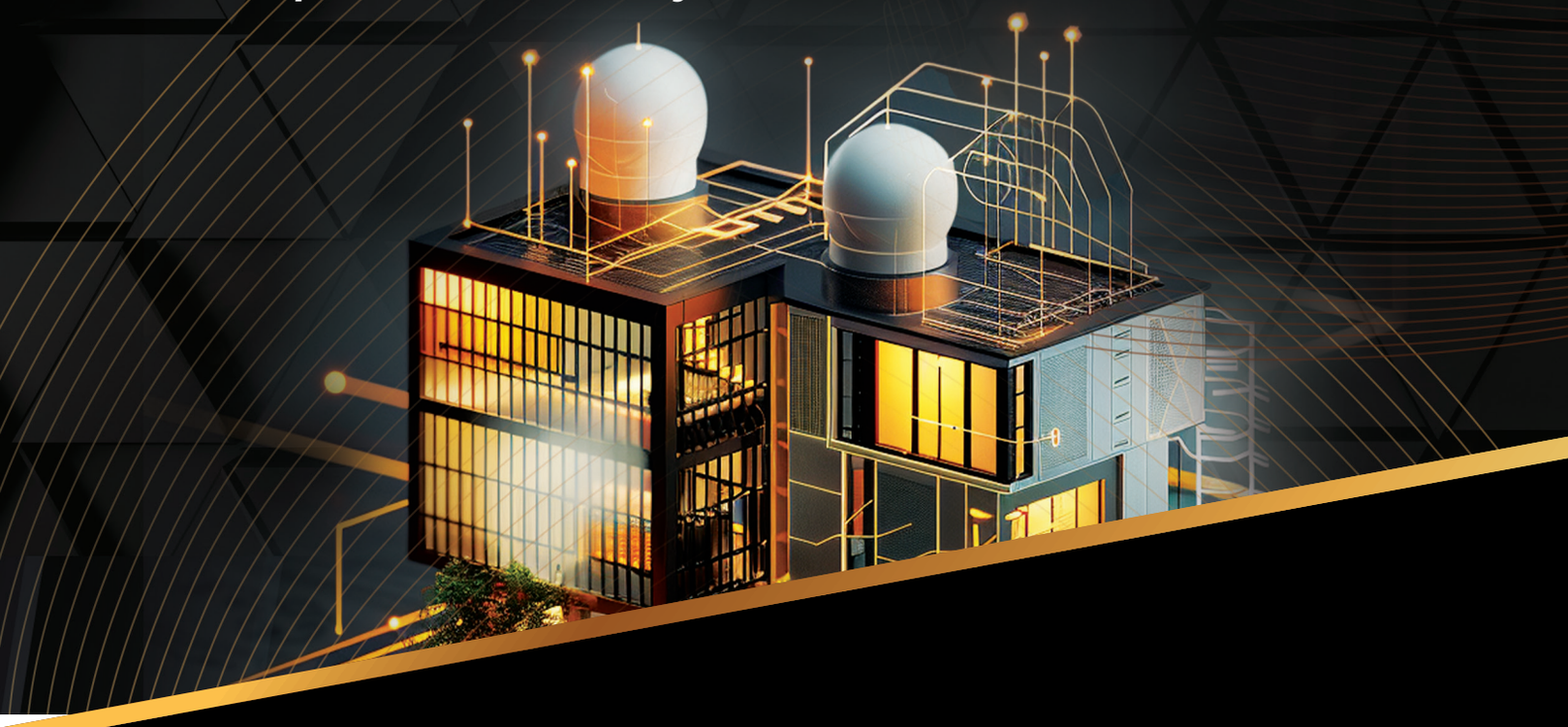
WHAT'S NEW?
NEW LoRaWan DEVICES

Following the success of our outstanding SORA LoRaWAN sensing range...

SORA + LoRaWAN®

Our customers have been asking us to add even more devices. We are excited to now have additional products in the range.

Speak to our Sontay Sales Directors for more details!



Fan Coil Thermostats



Water Shut-Off Valve



Active Output to LoRaWAN Convertor



Total Indoor Air Quality Monitoring including Vape Sensing.



WELL v2 Compliant

Total Outdoor Air Quality



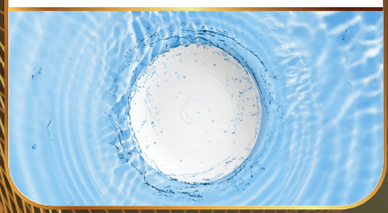
Door/Window Open/Close Sensing





Water Detection





Environmental Sensing including VOC's and more!



Air Velocity Sensing



TRV Radiator Valves



Pressure Sensing



Solar Powered Devices



SONTAY ACADEMY

Through over 45 years in the industry, Sontay has gained great knowledge in products and applications. This offers a fantastic opportunity to pass this information on to the industry through training via the Sontay Academy!

The Sontay Academy offers Building Controls Industry Association (BCIA) courses.

bcia training partner

Available at our facilities in Edenbridge, Bristol, Leeds and Uxbridge as well as by online webinar.



Courses delivered to you!



Please contact us to organise group training at your chosen location.

CIBSE CPD



Sontay® Academy

sontay-academy.com

The courses incorporate the latest technical information from the building controls sector:

BCIA

- BCM01 - Fundamentals of HVAC & Building Controls
- BCM02 - Measuring & Control Technology
- BCM03 - Hydraulics in Building Services
- BCM04 - Control Function of Heating Plants
- BCM05 - Control of Ventilation and Air Conditioning
- BCM06 - Control of Cooling Systems

SONTAY

- Introduction to Building Controls
- Smart Communication using BACnet
- Wireless Sensing Systems
- The Importance of Sensing in BMS
- Practical BMS Course

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SORA

Sontay® for sensing

LoRaWAN for wireless connectivity.

Sontay Open Range Application

Cost Efficient

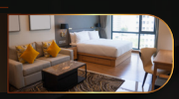


Time Efficient

Introducing SORA. The ultimate solution for wireless sensing in BMS applications.

SORA Ideal Applications


Offices

Hotels



Schools

Data Centres



Shopping Centres


Superstores


Manufacturing

What makes it different to other wireless protocols?


Reliability


Interoperability


Security



Accuracy


Range

Typical hospital application using SORA.



Monitor Temperature and RH to keep machines in optimum conditions.

Sensing of Temperature, RH and CO_2 assures occupancy comfort as well as efficient control for cost savings.

Wireless flexibility allows for change of layout in areas where modifications are often made.

CO_2 monitoring ensures air quality levels are healthy in communal and carpark areas.

SONTAY PRODUCT RANGE

... your number one choice for all measurement and control equipment in buildings.

Air & Water Flow

Measure the speed and volume of air and liquid with our air and water flow products. Applications include sensing of air velocity in ducts, wind speed and direction outside, monitoring of air and liquid in ducts and pipes and levels of liquids and other mediums in tanks.

AV	Air Velocity Sensors & Probes
FS	Air & Liquid Flow Switches
LS	Liquid Level Switches & Sensors



Air Quality & Gas Detection

Control air quality for comfort and vitality using our air quality and CO_2 sensing equipment. Use our gas leak alarm system to provide safety alarms and shutdown facilities on commercial and industrial gas installations.

GL	Gas Leak Alarm Systems
GS	Air Quality, Carbon Dioxide/RH & T, Gas Sensors
SD	Duct Smoke Detector



Controllers

Our range of controllers offer many benefits through intelligently controlling heating and ventilation systems. This facilitates not only the comfort of the occupant but also savings in energy, reducing costs and carbon footprint.

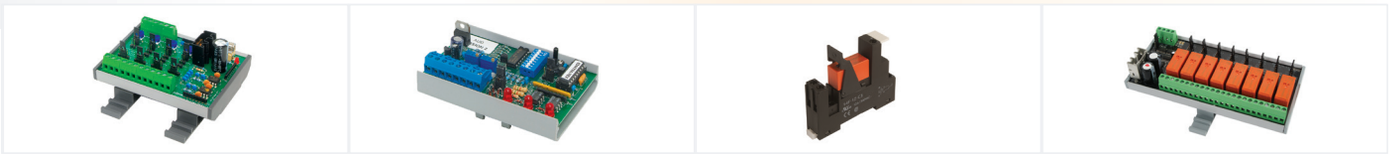
FC	Fan Speed Controllers
RE	Electric Heater Battery Controllers



Input/Output Modules

IO modules offer capability for rescaling, converting, isolating and overriding signals from BMS controllers.

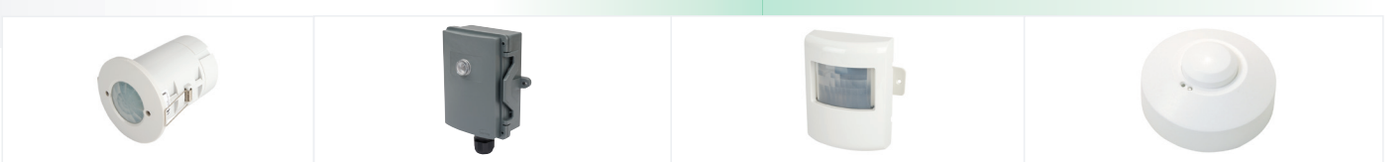
IO	Input / Output Modules



Light Level & Occupancy

The light level and occupancy sensors can be used for security and energy savings.

LL	Light Level Controllers & Sensors
OC	Occupancy Detectors



Pressure

The pressure range consists of switches and sensors for air and liquid. They offer monitoring and indication of flow in HVAC applications to ensure systems are working correctly.

PA	Air DP Sensors & Switches
PL	Liquid Pressure Sensors & Switches



Smart Communication Protocols

Communication via smart protocols is rapidly gaining popularity. Sontay's enhanced Smart Devices range offers a wide selection of products that can communicate via BACnet or Modbus protocols.

RF-LW	**SORA - SORA & LoRaWAN Wireless Devices**
SC	Smart Sensor - BACnet/Modbus
SC-RC	Smart Room Controller
PA-DPT-MOD	Smart Air DP Sensor
SC-FS	Smart Gateways
SC-IO	Smart I/O Module
SC-Gateways	Gateways for Air Conditioners



Temperature & Humidity

Our temperature and RH sensors are renowned for their accuracy and reliability and are available for a variety of applications such as outside, ductwork, pipework and space. Our wireless range offers the same accuracy and reliability but with the added cost savings of a wireless network particularly when using the serial driver for integration with the Niagara framework. There are also bespoke user interface solutions for those projects that require a more specific solution.

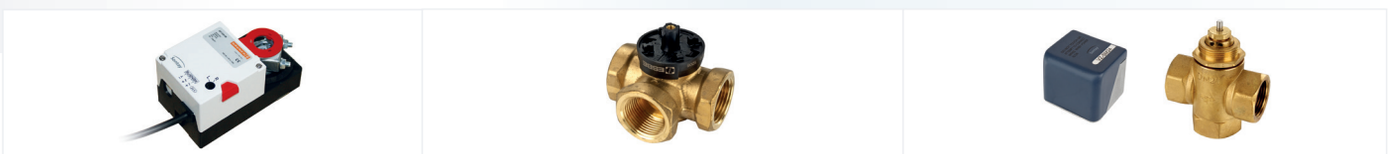
RH	RH & T Sensors & Humidistats
SORA	**LoRaWAN Devices**
ST	Temperature Thermostats
TT	Temperature Sensors & Pockets
UI	User Interfaces & Alarm Annunciators



Valves & Actuators

Our range of valves and actuators are suitable for many HVAC applications. We offer many actuator options to suit your requirements including raise/lower and modulating control.

VA	Damper, Valve & Failsafe Actuators
VR	Rotary Shoe Valves
VZ	Zone Valves & Actuators



Water Detection & Emergency Products

Emergency switches and water leak detection give early warning for shutdown in emergency situations.

EP	Emergency Switches/Buttons & Thermal Link
WD	Light Level Controllers & Sensors



SONTAY'S Contact Team

Our team will be pleased to hear from you whenever you require any information on our range of products and services.

Internal Sales & Technical Support

Customers regularly comment on the excellent services they receive from our Internal Sales and Technical Support Team's. Contact them for any enquiry you may have.

Internal Sales	Telephone:	+44 (0) 1732 861200
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Technical Support	Telephone:	+44 (0) 1732 861218
	E-Mail:	support@sontay.com

UK Sales

Sales Team

We have account managers based locally throughout the UK and worldwide who can visit to discuss account terms, projects and applications.





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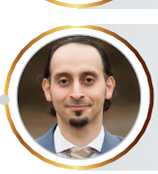


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				LS	Liquid Level Switches & Sensors
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				GL	Gas Leak Alarm Systems
				GS	Air Quality, CO_2, CO & Gas Sensors
				SD	Duct Smoke Detector
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				LL	Light Level Controllers & Sensors
				OC	Occupancy Detectors
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				PS	Power Output Supplies
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				SC-RC	Smart Room Controller
				PA-DPT-MOD	Smart Air DP Sensor
				SC-FS	Smart Gateways
				SC-IO	Smart I/O Module
				SC-Gateways	Gateways for Air Conditioners
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					ST Temperature Thermostats
					TT Temperature Sensors & Pockets
					UI User Interfaces & Alarm Annunciators
	VA	VR	VZ		**Valves & Actuators**
					VA Damper, Valve & Failsafe Actuators
					VR Rotary Shoe Valves
					VZ Zone Valves & Actuators
	EP	WD	CPS		**Water Detection & Emergency Products**
					EP Emergency Switches & Thermal Links
					WD Water Detection System & Sensors
					WD-CPS Condensation Sensors

Education and Support in HVAC and Indoor Climate Control

Sontay® Academy

bcia training partner

BCM00 Introduction to Building Controls and HVAC

Difficulty level: GREEN

This course gives an overview of the systems and technologies used in the HVAC industry and includes the use of building controls and building management systems. It is designed for those already involved in building controls that require a knowledge and understanding of the terminology, technologies and systems used.

BCM01 Fundamentals of HVAC & Building Controls

Difficulty level: GREEN

This course gives an overview of the systems and technologies used in the HVAC industry and includes the use of building controls and building management systems. It is designed for those already involved in building controls that require a knowledge and understanding of the terminology, technologies and systems used.

BCM02 Measuring & Control Technology

Difficulty level: RED

This assessed course gives an overview of the systems and technologies used in the heating, ventilating and air conditioning industry. Building control and building management systems are also covered. This course is designed for engineers and technicians who have some knowledge and field experience with a minimum period of one year within the industry. It is also necessary that candidates complete Fundamentals of HVAC & Building Technology (BCM01) first.

BCM03 Hydraulics in Building Services

Difficulty level: AMBER

BCM03 covers the main water circuits & systems and includes the necessary mechanical knowledge needed to understand applications, valve sizing and control. The course is designed for those who have some knowledge and a recommended minimum of one year field experience within the industry.

BCM04 Control Function of Heating Plants

Difficulty level: AMBER

This course provides a detailed overview of all types of heating plant and systems together with the associated control applications. This is an course for those who have a good level of knowledge and a recommended minimum of two years' experience within the industry.

BCM05 Control of Ventilation and Air Conditioning

Difficulty level: AMBER

This course details the requirements of air conditioning plants and how they can be controlled effectively for energy efficiency. It is designed for those responsible for the design, installation and commissioning of building control technologies & systems for ventilation and air conditioning. This course builds on the knowledge gained in the BCM01-BCM04 courses.

BCM06 Control of Cooling Systems

Difficulty level: RED

BCM06 is a detailed, theory-based course relating to refrigeration and psychometrics, focusing on how the refrigeration process operates. This is a course for those who have a good level of knowledge and a recommended minimum of two years' experience within the industry.



When attendees successfully complete BCM01-BCM03, they will be awarded with a Technical Certificate and with completion of BCM04-BCM06, they will be awarded with an Advanced Technical Certificate.

www.sontay-academy.com · 01732 861200

Notes

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