

# 2023 HVAC Services



Making Environments Work



# Making Your Environment Work

At Birdsall our core objective is to deliver value to our customers.

Our value driven service is designed to make environments work better whilst reducing owning costs & environmental impact.

This simple strategy has proven successful for over 46 years!

## Models

Birdsall offer customers a choice of modern & innovative contract models, including:

- Planned preventative maintenance model (PPM)
- Predictive maintenance model (PMM)
- Remote monitoring model (RMM)

## Reducing Costs

HVAC owning costs can be significantly reduced by implementing our value service model. We focus on reducing all the HVAC owning costs, which include:

- Maintenance costs
- Reactive call-out costs
- Repair costs
- Energy costs
- Lifecycle costs

## Engineering Self-Delivery

Birdsall provide value by self-delivering all HVAC services through our teams of quality engineers, including:

- Heating
- Ventilation
- Air conditioning
- Chillers and refrigeration

## Customer Service

Whilst Birdsall are believers in utilising new technology, we also believe in good customer service which can only be effectively delivered by well-trained people.

When you call Birdsall you speak directly to a member of our service team, which include:

- Service Administrators
- Service Manager
- Supervisor Engineers
- Engineers
- Account Manager

## Healthy Environment

In the era of COVID-19 the importance of a healthy building is vital to confidence. We can provide the very latest best practice maintenance processes and building improvement advice including indoor air quality (IAQ) and indoor environment quality (IEQ).

Let's discuss your health objectives and options.



# Services

Our HVAC team delivers the following services:

- Advice & support
- Maintenance
- Call-out 24/7 (fast fault diagnosis)
- Repairs 24/7 (fast fix)
- Projects



## Heating

Heating services are provided through our heating team and include:

- Commercial boilers
- Domestic boilers
- Associated mechanical plant
- Water heaters
- Swimming pool heaters

## Ventilation

Ventilation services are provided through our air conditioning team & include:

- Indoor air quality
- Indoor environment quality
- Fresh air heat recovery

## Air Conditioning

Air conditioning services are provided through our air conditioning team & include:

- Splits & multi split systems
- VRF & VRV systems
- Chilled water systems
- Air & ground source heatpumps

## Chillers

Chiller services are provided through our air conditioning team & include:

- Absorption chillers
- Centrifugal chillers
- Reciprocating chillers
- Screw chillers
- Turbocor chillers
- Low temperature refrigeration systems

## Refrigeration

Refrigeration services are provided through our air conditioning team & include:

- Mortuary coldrooms
- Freezers (-80 freezers)
- Blood fridges
- Ice Machines

## Associated Trades

Our HVAC team can also provide services for associated trades including:

- Mechanical
- Electrical
- Controls
- Water treatment



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# Innovation

**Birdsall are continually investing in new innovations and technologies, adapting them into our contract models.**

**Our Chairman heads up our R&D department that evaluates and adopts new technologies. We are proud to be at the forefront in the use of new technologies.**

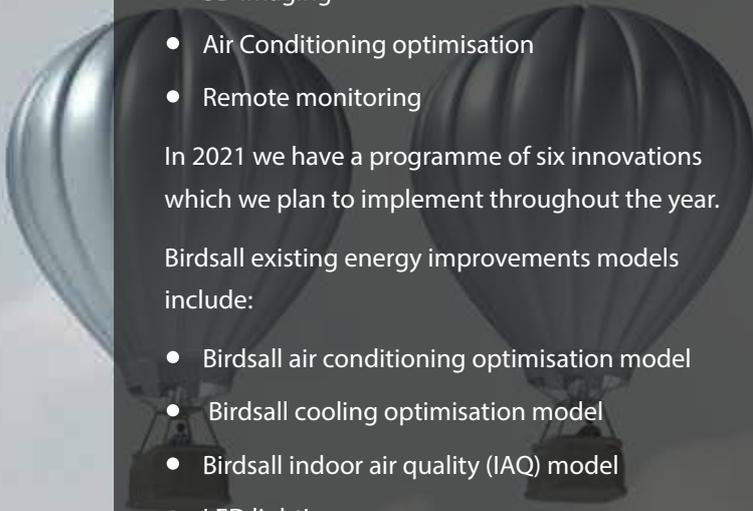
Some examples of past investments include:

- CAFM software
- Cooling optimisation
- Chiller condition diagnosis
- Inkworks
- Thermal imaging technologies
- 3D imaging
- Air Conditioning optimisation
- Remote monitoring

In 2021 we have a programme of six innovations which we plan to implement throughout the year.

Birdsall existing energy improvements models include:

- Birdsall air conditioning optimisation model
- Birdsall cooling optimisation model
- Birdsall indoor air quality (IAQ) model
- LED lighting
- BeMS – Tridium open protocol



# Customers

Birdsall serve many long-standing customers



“Birdsall have been our trusted partner for over a decade. They are very knowledgeable and an easy company to work with”.

- Debbie Cross, Facilities Manager, Royal Botanical Gardens

“Birdsall have proven a professional and competent partner”

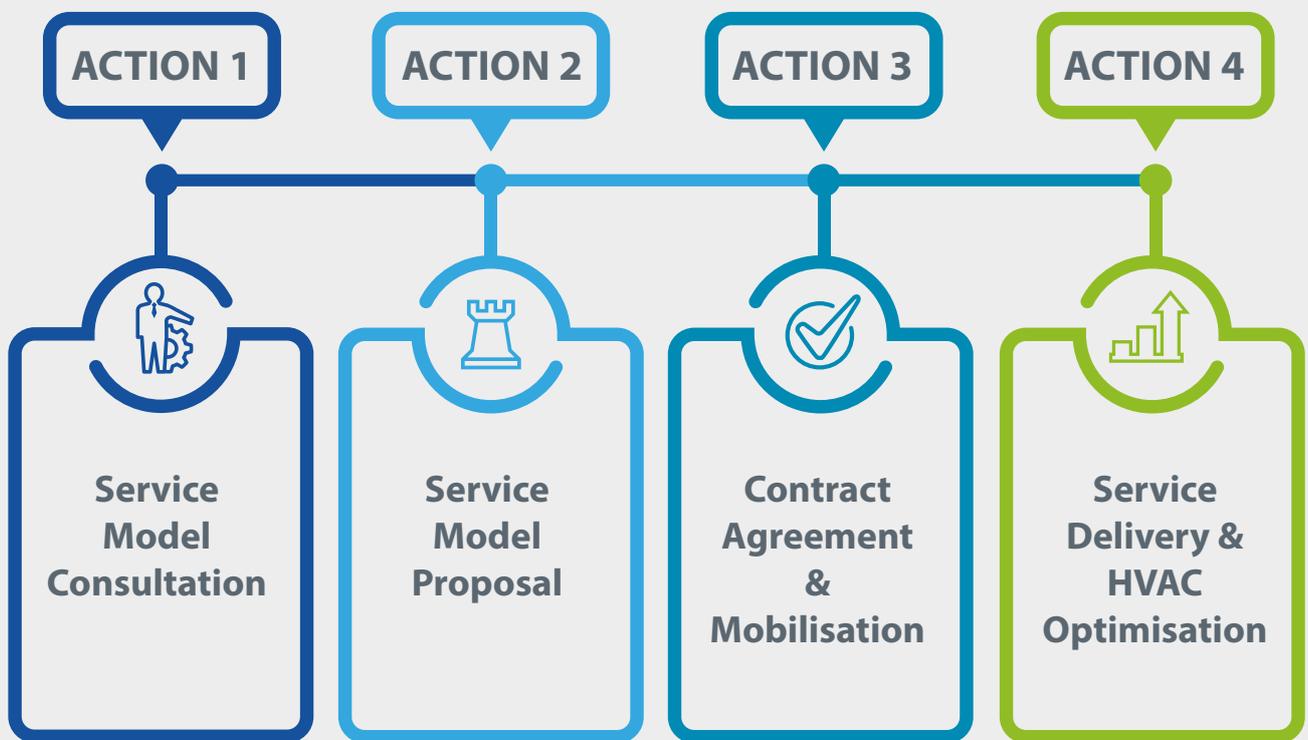
– Paul Fallon, Facilities Manager, Flight Safety

“For over a decade, our experience of Birdsall is of an unfailingly reliable team, that have engineering deep within their DNA and who always deliver what they promise”.

– Matthew O’Hare, Project Director, Skanska



# NEXT Steps



● Building Services ● HVAC Services  
● Energy Services ● Project Services

[www.birdsall.co.uk](http://www.birdsall.co.uk)

## Hemel Hempstead - Head Office

13 Avebury Court, Mark Road,  
Hemel Hempstead,  
Hertfordshire HP2 7TA  
Tel: 01442 212 501

## Romford Office

Unit B3 Seedbed Centre,  
Davidson Way, Romford,  
Essex RM7 0AZ  
Tel: 020 3198 6477

## East Grinstead Office

Unit 8 Scandia-Hus Business Park,  
Felcourt Road, East Grinstead,  
West Sussex RH19 2LP  
Tel: 01442 899 543