




The E-Bound Voice

May 2019



Church and
Cathedral Fire
Prevention
in the Wake
of the Notre
Dame Fire

E-Bound
Celebrates its
Ten Year
Anniversary
in 2019

E-Bound
CELEBRATING
Years
10

This year is a very special time for us. E-Bound's 10th anniversary.

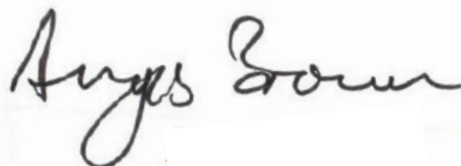
We had a bold idea that we should try to prevent the theft of lead and copper from church roofs. This came from a chance meeting during which I was asked if we could do it. I said yes, even though I had no idea how we might begin.

I was told on many occasions that it could not be done. Sensors did not exist that could operate in such a challenging environment, without either failing or triggering all the time, so we made our own. Wiring was impossible and wireless technology would not operate in such buildings, due to their construction; solid stone walls, several feet thick and clad with metal roofs, so we made our own. Security alarms panels and keypads are complex, fiddly and difficult to operate, so we made our own.

With over 1,000 buildings using our alarm systems, all over the UK and with an enviable success rate at thwarting the plague of metal theft, we are the only company dedicated to the protection of church and other roofs. Every day at E-Bound we are working with our partners to improve the performance, reliability and reporting capabilities of our systems and our systems are recognised by all major historic and heritage institutions, including insurers, architects and national and regional Historic Trusts.

Today though, I am thinking much more about our future than our past. We are by no means finished and the reality is that lead and copper thefts are increasing again and all efforts should be made to protect valuable, heritage buildings professionally with products that work effectively and reliably.

In the coming years, E-Bound has the opportunity to reach even more people and organisations. We have accomplished a lot together during our first 10 years I look forward to what comes next and would like to thank you all for helping make E-Bound a fantastic company now and for decades to come.



Angus Brown, Founder and Managing Director, E-Bound AVX

New Vestry Cam

by

E-Bound AVX Ltd

OUR MOST POPULAR INTERNAL SECURITY SOLUTION

With this system, your church's vestry will be visually monitored 24/7. In the event of a break-in, footage will be taken and will be captured on an SD card and available to view on a desktop PC or laptop.

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E-Bound AVX Ltd

Presents

E-Bound *Care*⁺

E-Bound Care is a new product offering that aims to eliminate sudden costs for revisits and engineer call-outs with options of a monthly and annual subscription.

We understand that churches are operating with limited, precious resources and unpredictable costs place an intolerable burden on already stretched finances. Being targeted by metal thieves only increases the worry over the costs of revisits and repairs.

We plan to launch a range of E-Bound Care products to help protect against these unexpected costs. An annual alarm service is included with all our E-Bound Care products.

We believe that a monthly or annual subscription is the best way to spread these potentially sudden fees across the year in cost effective and manageable packages.

Package details and prices coming soon.

E-Bound Sponsors CCT National Volunteering Day 2019

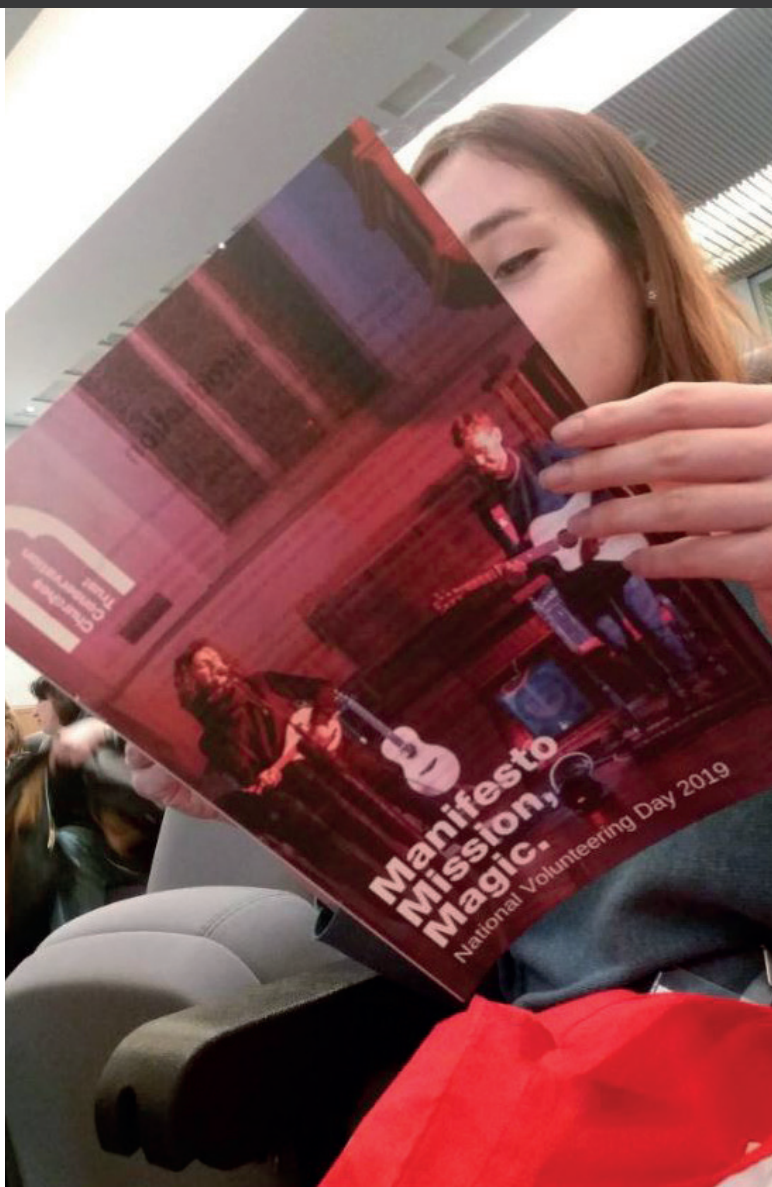
Every year The Churches Conservation Trust celebrate the contribution that volunteers from around the country make. This year, E-Bound AVX Ltd and Marsh Christian Trust provided sponsorship in order to give a special thanks to those who take the extra step, with awards and prizes going to individuals that deserve special recognition for the impact they have made during the year.

The award categories were:

Regional Volunteer of the Year, Young Volunteer of the Year, National Fundraiser of the Year, Volunteer Team of the Year and Digital Volunteer of the Year. All the nominations were considered by a panel from the Marsh Christian Trust and all nominees were acknowledged and thanked for their support.



Pictured, from left to right: Angus Brown, Hannah Goodley and Lynne Franklin from E-Bound AVX Ltd with E-Bound Information Packs, showcasing what E-Bound and the Church Roof Alarm System can provide for customers.



The winners of the Volunteer of the Year Awards received a certificate and £500 cash prize, with the winners announced on the day and presented with their prizes on stage at The British Library.

National Volunteering Day also brings the opportunity for volunteers to present new project ideas and ask questions that can be shared on the day.

E-Bound are proud to sponsor this event and support all the volunteers involved and we look forward to supporting future projects that aim to preserve historic churches.

Reports Show Increase in Organised Lead Theft Attempts

E-Bound have received numerous reports of highly organised lead thieves targeting churches, even in built-up public areas and town centres.

Reports come from Hampshire, Oxfordshire, Lincolnshire, Bristol, Swindon and Ipswich.

The thieves are usually equipped with ladders tall enough to access high roofs and becoming increasingly brazen and target churches in town centres and built-up areas, rather than simply choosing isolated and secluded churches.

We would urge our customers and others to be extra vigilant at this time.



Notre-Dame, Fire Prevention and Early Detection

On Monday 15th of April 2019, Parisians and the rest of the world watched in horror as Notre-Dame de Paris was engulfed in flames. The fire caused the collapse of the central spire and surrounding oak roof into the interior below. Thankfully, most of the cathedral's priceless art and relics were saved from the burning 856-year-old symbol of Paris.

This tragedy sparks numerous conversations about church and cathedral fire prevention and early detection. Cathedrals and churches are too big, complex and old to have effective extinguisher systems installed like sprinklers, so prevention and early detection is key.

In churches and cathedrals, especially where high ceilings are common, beam smoke detectors may be more responsive to slow or smouldering fires than spot-type detectors because they are looking across the entire smoke field intersecting the beam. Spot-type detectors only sample smoke at their particular "spot" and the smoke which enters the chamber may be diluted below the level of smoke needed to activate an alarm for some time after a fire has started.

Another important consideration is smoke stratification. Smoke stratification occurs when smoke is heated by smouldering of burning materials and becomes less dense than surrounding, cooler air. The smoke rises until there is no longer a difference in temperature between the smoke and the surrounding air. Therefore, stratification may occur in areas where the air temperature may be elevated at the ceiling level, but especially where there is a lack of ventilation.

Since there is no sure way of identifying what condition will be present at the start of a fire, multiple detection schemes should be deployed in order to provide for prompt detection regardless of the condition present at the time of fire initiation.

Here at E-Bound we were profoundly disturbed by the images from Paris, having spent the last decade dedicated to safeguarding historic buildings, most of which are churches, from theft and fire.

That the frightening fire broke out during Holy Week is cruel irony but of course, the week concludes with a message of rebirth and resurrection and the good news from Paris is that the Cathedral will be rebuilt.

Call 01733 843341 or email info@e-bound.co.uk for more information about fire prevention and early detection for cathedrals and churches.



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