

# FIRE DETECTION OFFERS UNOBTRUSIVE PEACE OF MIND

VESDA-E Series protects thousands of tourists and worshippers at the largest timber-framed churches in Europe.

Case Study

**Honeywell**  
MORLEY & IAS  
FIRE SYSTEMS

## OVERVIEW

The 17th century Churches of Peace in Silesia are the largest timber-framed religious buildings in Europe, the World Heritage site, the Lutheran Churches of Peace in Jawor and Świdnica were built in the mid-17th century and can hold up to 7,500 people. Recently restored to their former glory at a cost of 4.1 million Euros including the organ, pulpit and altar. The churches themselves were intended to symbolise the end of the war and religious conflict between Catholics and Protestants.



Heritage sites with such a cultural significance require unique safety solutions because of their design, function and historical value. Protecting these sites goes beyond providing unobtrusive protection of their priceless contents or structure to protection of the church's staff and its visitors.

In addition to the obvious environmental condition of the timber-framed building there were other factors that had to be considered. The first was providing an uninterrupted, peaceful worship atmosphere to the tourists and local visitors. The second was the need for no visual impact on the detailed historical design of the building with ability to 'hide' the technology. The last was to accommodate the priest's use of incense during ceremonies of worship without activating an alarm.

## THE SOLUTION

In 2010, VESDA VLP was installed at the site and has successfully delivered on all of the challenges faced by this unusual and highly important installation. So when the time came to upgrade and based on the trust built around our solutions, VESDA-E VEP was the ultimate upgrade to VLP. VEP's enhanced user experience made it even easier to provide complete peace of mind to the caretakers of such heritage sites. Moreover, VEP is fully backward compatible with the existing VESDA installations, which makes the upgrade procedure a simple and easy task.

The VESDA-E series of smoke detectors brings the latest and most advanced detection technology to provide very early warning and the best nuisance alarm rejection to a wide range of applications. Built on the Flair detection technology and over 30 years of experience, VESDA-E detectors achieve consistent performance over their lifetime via absolute calibration. In addition they deliver a range of revolutionary features that provide user value such as WiFi, Analytics, iVESDA and Expansion Stax.

VESDA-E VEP accommodates up to 40 Class A holes and 560m pipe and provides 1.5 times the sensitivity than VLP previously offered for even earlier warning.

## THE OUTCOME

The end-user now has a solution that is reliable and easy to maintain, and is confident that the daily guests of over 1000 per day are safe.

The priest himself has a special key to adapt the sensitivity when using incense during worship which guarantees that the discreet high sensitivity solution from VESDA-E is not only delivering on all the challenges faced by this unique environment but it guarantees that all the priests, worshippers and visitors are in safe hands.

## ABOUT THE DISTRIBUTOR

Vision Polska Sp. z o.o. is a leading Polish market, aspirating smoke detection systems provider, a company specializing

## ABOUT VESDA

- Coverage up to 2,000 m<sup>2</sup> (21,520 sq. ft) per detector, providing cost-effective smoke detection, regardless of the size or configuration
- Flexibility in design of pipe networks, ensuring a cost-effective and fit for purpose fire engineering solution
- Customisable to address the unique environmental characteristics
- Simple installation and verified performance at commissioning
- Low maintenance, saving both time and expense

in providing comprehensive solutions based on advanced technology VESDA, for over 15 years in the fire market.

Vision Polska Sp. z o.o. is a partner of the Institute of Fire Safety Technology Nodex in the popularization of the suction system VESDA early smoke detection. Their goal is to provide knowledge and experience in the application of VESDA systems, the global brand and a leader in fire protection in the area of aspirating smoke detection systems.

In addition they are proud to offer specialized VESDA training courses for designers, integrators and end users, as part of their long running partnership of Xtralis, now a part of Honeywell.

## Honeywell Morley-IAS

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