



# FIRE MAGAZINE

Edition 2025 – no. 1

## CASE STUDY

Inim technology protecting  
Hompesche Molen in the  
Netherlands

20<sup>TH</sup>  
ANNIVERSARY

inim<sup>®</sup>  
Evolving Protection





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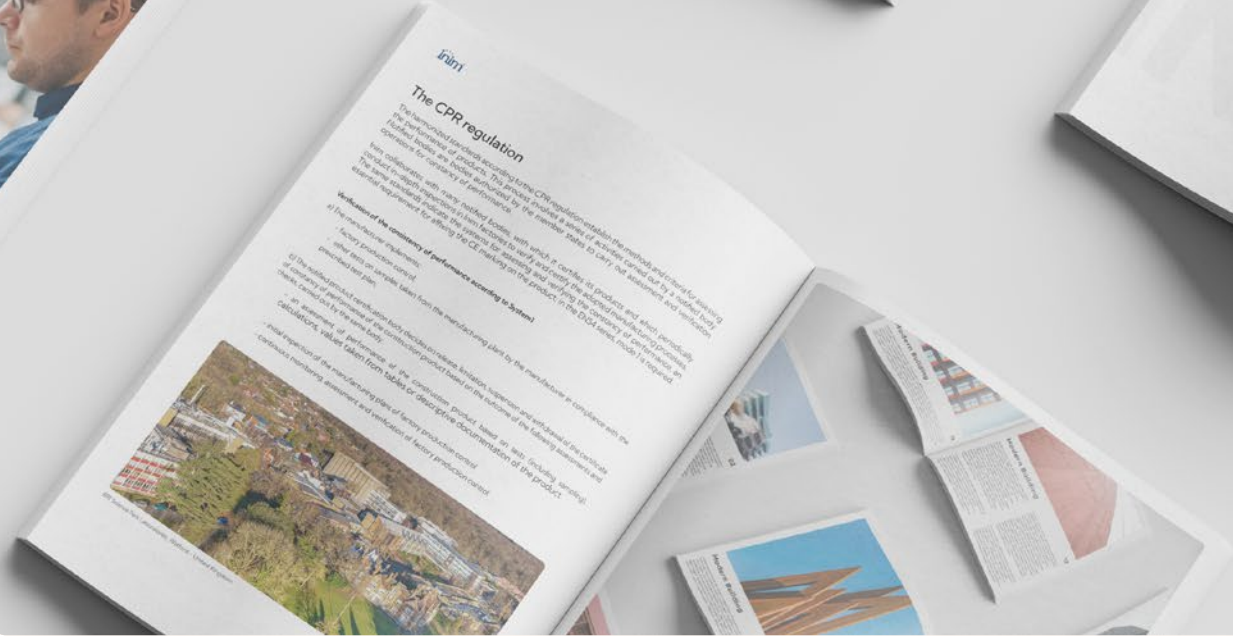
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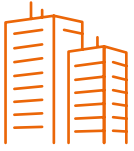
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# An unusual challenge

**Inim fire protection at the service of one of the largest windmills in Europe, De Hompesche Molen.**

**D**e Hompesche Molen, located in Stevensweert in the Netherlands, is the tallest windmill in the province of Limburg, with a height of over 37 metres. Built in 1722, this impressive windmill played an important role in the grinding of grain for nearly three centuries and is today a popular tourist attraction.

Although its main function has changed, the windmill continues to hold monthly demonstrations of traditional milling, offering visitors a unique experience of Dutch agricultural and engineering history.

However, such an old yet still operational building presented significant safety challenges, especially with regard to fire prevention. Managing safety in an environment where flour dust can trigger false alarms or fuel potential fires required an innovative and advanced fire suppression system.

To address these critical issues and respond to these needs, a cutting-edge technological solution provided by Inim, a leader in the fire safety sector, was implemented.







The De Hompesche Molen with its 37 meters of height

Built in a strategic position on a small hill, De Hompesche Molen makes the most of its exposure to the wind. Its majestic blades with a diameter of 26 metres, convert wind energy into rotary motion. This directly drives the central shaft and transfers motion to the millstones, making the daily processing of large quantities of grain possible.



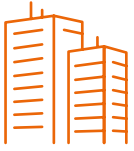












# Advanced protection in the field of nuclear applications

**Cernavodă Nuclear Power Plant:  
Inim tackles complexity with technical expertise  
and in-depth knowledge of applications**

**E**nsuring fire safety in a context as sensitive as a nuclear power plant represents an engineering challenge of the highest level. It was an honour for Inim Electronics to be selected to contribute to the protection of the Cernavodă nuclear power plant in Romania – a strategic infrastructure of international importance. This case study analyses a project that best expresses the synergy between technological know-how, regulatory rigour and operational reliability, where Inim has provided a tailor-made solution for a strategic infrastructure at an international level.















# EN 54-13: Connected systems, guaranteed safety

The European standard that verifies compatibility and interconnection in IRAI systems

In the world of fire detection and alarm, it is not enough for every component to function correctly. It is essential that the entire system operates in a coherent and integrated manner. The EN 54-13 standard was created with this aim: to ensure compatibility between connected devices, guaranteeing a reliable and timely response in the event of an emergency.















# The advanced Walk Test function

Simplified and compliant system control thanks to Inim Fire Cloud integration

**A**mong the most appreciated features by installers operating in the IRAI sector, the Walk Test of the Inim Fire App – the Application for managing fire systems from a smartphone – today represents an essential ally. Intuitive, complete and free, this function allows you to manage the periodic testing of systems in an advanced way.















# UL-EU certification: an international passport for Previdia Compact

Innovation, compliance and global trust: the strategic value of the new certification obtained by Inim

**E**ach new certification is not only a milestone but a bridge towards new opportunities. It is with this in mind that Inim Electronics has accepted the UL-EU certification for the fire alarm control panels of the Previdia Compact series: not only as a declaration of conformity, but as a strategic lever to increase the presence of the brand in the most demanding markets on a global level.







































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