

CASE STUDY:**St. Michael's Church, Gorey, Co. Wexford
New Installation**

Consulting Engineer:	Noel Lawlor Consulting Engineers
Electrical Contractor:	Philip Kinch Electrical

Major construction and preservation works concluded at the historical St. Michael's Church in Gorey, Co. Wexford just in time for Christmas 2014.

The church, of Pugin origins which dates to the mid 1840's received new interior decoration including stencilling to original designs, repairs to stained glass windows, new heating, fire alarm and electrical upgrade.

Scope of Works/Services

Guardian were contracted to supply and commission an L3 Fire Detection & Alarm System providing detection coverage on all escape routes and adjoining rooms. We are also contracted as the churches Fire & Life Safety partner responsible for the servicing & maintenance of the Fire Detection & Alarm System.

The protected structure status of St. Michael's Church as with other heritage sites presented a very particular challenge: *to implement a fully compliant fire detection system that provided adequate protection but that did not impact on the integrity of the building itself.*

Solution

Guardian proposed a hybrid system and selected the high performance EMS Firecell analogue addressable control panel and FireRay 5000 wireless technology from its large portfolio of products.

Benefits

The FireRay 5000 self aligning infrared beam detectors were installed in the nave of the church to avoid any aesthetic issues associated with the use of cabling. Another major benefit of using the FireRay 5000 in this instance was the greater freedom it allowed in terms of detector placement.