

NOTIFIER CAD and BIM models

What is BIM?

Building Information Modelling (BIM) is about everyone understanding a building through the use of a digital model. BIM files are 3D models of construction materials and equipment which embed key product data. The data held within each BIM model contains all the information that construction professionals need to design, construct and maintain that building. This information grows with an increasing level of detail so that it reflects the building as it is built and then ultimately as it is used enabling more effective management of information throughout a project life cycle.

Architectural, structural and MEP designs can all be designed using BIM and when combined deliver a detailed, information rich model of an entire project - benefitting all involved. As a result of the clear potential for efficiencies there is growing demand for BIM models for all construction materials and equipment.

BIM & Construction Management

BIM offers a clear opportunity to help construction professionals facing continually increasing demands to deliver successful projects faster, on tight budgets, with limited resources and limited or conflicting information.

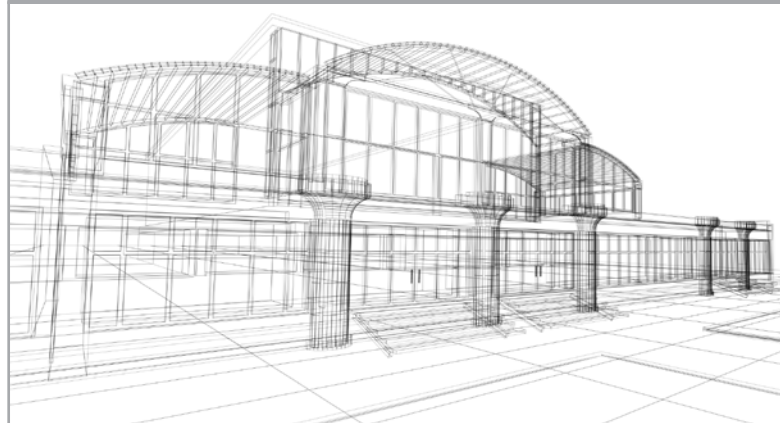
- Aids in collision detection at the initial stage, identifying the exact location of discrepancies.
- Virtual construction of a facility prior to its actual physical construction - reducing uncertainty, improving safety and simulating potential issues.
- Sub-contractors from every trade can input critical information into the model before beginning construction, with opportunities to pre-fabricate or pre-assemble some systems off-site.
- Waste can be minimised on-site and products delivered on a just-in-time basis rather than being stock-piled on-site.
- Quantities and shared properties of materials can be extracted easily.
- Scopes of work can be isolated and defined.
- Systems, assemblies and sequences can be shown in a relative scale with the entire facility or group of facilities.

BIM in Facility Operation

BIM can help prevent information loss often seen when handing a project from design team, to construction team and to building operator.

- Each group can add to and reference back to all information during their period of contribution to the BIM model.
- A building owner can use the model and diagnose problems and plan maintenance - identifying each element of the building and accessing manufacturer details, part numbers, and any other information.

The UK Government has mandated that public sector centrally procured construction projects must be delivered using BIM by 2016.



BIM and CAD models from NOTIFIER


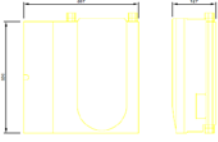

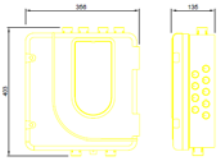

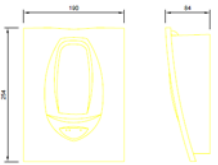

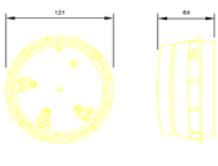

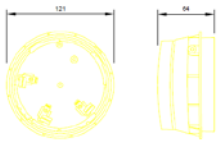

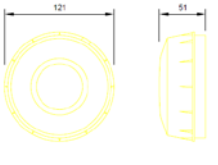

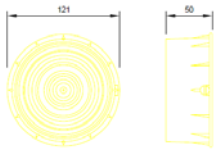

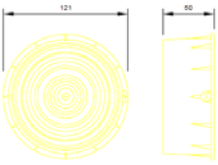
BIM is the future of the construction industry. From planning, design and construction through to operation, maintenance and ultimately demolition, BIM enables all parties involved to access the information they require quickly and efficiently.

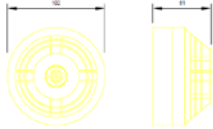



NOTIFIER by Honeywell has developed an extensive set of BIM models to support the ever growing demand - one of the first fire equipment manufacturers to provide BIM models. In addition a full range of 2D CAD drawings are also available to support traditional building design techniques.

NOTIFIER BIM models are available in all common formats including Autodesk Revit (.rfa) and Industry Foundation Classes (.ifc) with 2D CAD drawings available in standard .dwg format.

Available now from www.notifierfiresystems.co.uk

NOTIFIER by Honeywell Fire detection and alarm range BIM & CAD Models

Name	3D rfa (and ifc files available)	2D dwg
NOTIFIER by Honeywell FAST FIRE ALARM ASPIRATION SENSING TECHNOLOGY 8100E		
NOTIFIER by Honeywell FAST LT ASPIRATING UNIT NFXI-ASD		
NOTIFIER by Honeywell OPAL ADDRESSABLE BEAM DETECTOR NFXI-BEAM		
NOTIFIER by Honeywell OPAL ADDRESSABLE BASE SOUNDER / BEACON NFXI-BSF-WC		
NOTIFIER by Honeywell OPAL ADDRESSABLE BASE SOUNDER NFXI-BS-W		
NOTIFIER by Honeywell OPAL ADDRESSABLE WALL BEACON NFXI-WF-WC		
NOTIFIER by Honeywell OPAL ADDRESSABLE WALL SOUNDER / BEACON NFXI-WSF-WC		
NOTIFIER by Honeywell OPAL ADDRESSABLE WALL SOUNDER NFXI-WS-R		

Name	3D rfa (and ifc files available)	2D dwg
NOTIFIER by Honeywell OPAL™ SMART² Photoelectric / Thermal Multi-Criteria Detector NFXI-SMT2		
NOTIFIER by Honeywell OPAL™ SMART³ Photo, Thermal & Infra Red Multi-Criteria Sensor NFXI-SMT3		
NOTIFIER by Honeywell OPAL™ Thermal Sensors NFXI-TDIFF, NFXI-TFIX58, NFXI-TFIX78		
NOTIFIER by Honeywell OPAL™ Photoelectric Smoke Detector NFXI-OPT		
NOTIFIER by Honeywell SMART4 Multi-Criteria Fire Sensor IRX-751CTEM		
NOTIFIER by Honeywell VIEW™ Addressable High Sensitivity Smoke Detector FSL-751E		
NOTIFIER by Honeywell M700 ADDRESSABLE CALL POINT M700KACI-FG		
NOTIFIER by Honeywell M700 ADDRESSABLE CALL POINT M700WCP-R/I/SG		
NOTIFIER by Honeywell ID60 Single Loop Intelligent Fire Alarm Panel 002-456		

Name	3D rfa (and ifc files available)	2D dwg
NOTIFIER by Honeywell ID61 Single Loop Intelligent Fire Alarm Panel 002-463		
NOTIFIER by Honeywell Intelligent Addressable Fire Alarm Control Panel PRL-LED-EN		
NOTIFIER by Honeywell ID2002 Fixed 2 Loop Intelligent Fire Alarm Panel 002-459		
NOTIFIER by Honeywell ID3002 – 2 Loop Addressable Fire Alarm Control Panel 002-474		
NOTIFIER by Honeywell ID3000 – 4 Loop Addressable Fire Alarm Control Panel 002-727		
NOTIFIER by Honeywell IDR – 2A Active Repeater Panel 002-450		
NOTIFIER by Honeywell IDR – 2P Passive Repeater Panel 002-451		
NOTIFIER by Honeywell IDR – 6A Active Repeater Panel 002-452		