

Leading-edge VA/PA solution for major retail complex ...



...Advanced fire safety system delivers major step forward in audible and intelligible message quality

Trinity Leeds has selected a Notifier by Honeywell fire safety system to provide advanced fire safety protection. The major new retail and leisure development includes 120 food and retail outlets between 100 and 100,000 sq.ft. and links the existing refurbished Trinity West shopping mall with the new Trinity East development via a large glass atrium.

An essential part of the project has been the extensive acoustic modeling undertaken by Notifier, in conjunction with the Honeywell Life Safety Systems Support

Team and Trinity Protection Systems, to optimise the audibility and intelligibility of fire safety messages and other public announcements throughout the Trinity Leeds development.

“This has been especially critical in Trinity East, where the glass atrium and wide walkways provide a difficult acoustic space,” confirms Shaun Corbett, project director, Trinity Protection Systems. “The results have been outstanding and better than predicted, with a step-change improvement in all-round message quality.”



Five Notifier voice alarm racks and 170 professional audio ceiling and column speakers are linked via a fibre optic network to deliver a consistently high quality visitor experience. The voice alarm/public address infrastructure is EN54 pt16 approved and is centrally controlled via PAMMI (Public Address Manual Machine Interface), a graphic user interface making control of the centre's day to day announcements and background music simple whilst ensuring fire related messages take priority.

The fire safety solution, which incorporates eight networked Notifier ID3000 intelligent fire control panels and more than 800 Opal detection devices, was designed and installed by Notifier Gold Partner Trinity Protection Systems and provides advanced protection for the complete city centre development.

The fire system is managed centrally by an easy-to-use Notifier ONXYWorks graphics interface, with each individual shop unit linked directly to the Notifier Fire detection and alarm system. It also incorporates a very complex Cause and Effect programming, which ensures controlled, phased evacuation in the event of a fire-related incident.

The one million sq. ft. city centre scheme is the largest of its type in the UK and is owned by leading commercial property company Land Securities. Trinity Leeds employs more than 3,000 people and attracted 130,000 visitors on its first day of opening in March 2013.

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- Shaun Corbett, project director, Trinity Protection Systems



Notifier by Honeywell is the world's largest manufacturer and supplier of engineered fire alarm systems. With over 400 Engineered Systems Distributors worldwide, and regional support on every continent, we have the flexibility to meet our customers' most demanding requirements.

www.notifierfiresystems.co.uk

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