

# Exhibition Centre Liverpool

Exhibition Centre Liverpool increases the existing exhibition space at ACC Liverpool to create an interlinked and flexible event space. It is directly connected to the existing facilities at ACC Liverpool, via a covered link, making it Europe's only purpose-built interconnected arena, convention and exhibition centre.



This flagship project saw PAS working with Briggs & Forrester Engineering Services alongside ISG Construction where we completed the design, install and commissioning of the Public Address and Voice Alarm System, Induction Loops and Infra Red Audio systems for this fantastic new venue.

It was an exciting project for us to deploy many of our directly employed workforce on the site, some of whom live in Merseyside and gave further opportunities to our new and long standing Apprentices.





Known as Exhibition Centre Liverpool (ECL), the building is 164m-long by 85m wide and will offer 8,100m<sup>2</sup> of exhibition space. It has three large halls, each measuring 60m x 45m, that can be used separately or opened up via sliding partitions into one large space. The building's frontage, overlooking the River Mersey, features a fully glazed double height public concourse that runs the full length of the structure. Above the main concourse there is a first floor level accommodating meeting rooms and offices.

PAS developed a value engineered solution to the design specification which provided a compliant, reliable system to provide the evacuation and messaging needs for the venue utilising products from several manufacturers to meet the specific architectural and acoustics constraints.



The PAVA system provides voice evacuation messages when triggered by the fire alarm system and zoned public address and background music broadcasts from multiple locations around the building. A custom touch screen PC control system has been provided in the security room to enable staff to communicate with any area of the site, both internally and externally. In total approximately 270 speakers have been installed on the system to provide clear, intelligible messages to visitors and staff. Additionally both infra red and traditional induction loop systems have been installed for assisting the hearing impaired.

Since opening the system has been used extensively during events for public address broadcasts and is has proven to be an effective and reliable communication system for operations staff at the centre.

