



About Systems Interface

Member of the Frequentis Group

A leading project-based aviation systems integrator with many years specialist experience delivering turnkey projects to civil and defence airports and Civil Aviation Authorities worldwide.

Systems Interface manages complex logistical and technical requirements, sourcing and supplying fully integrated bespoke ATC systems, navigational aids, and airfield lighting all designed, installed and commissioned to exacting requirements.

Services include system design, upgrading existing Air Traffic Control Systems, completely new turnkey installations, safety cases, training and maintenance and civil works.

A dynamic project-based organisation with a proven track record for delivering complex projects on time and in budget.

JUNE 2024

Systems Interface complete installation of DME at Ireland West Airport

Systems Interface Ltd. (SIL), has completed a project in collaboration with Principal Contractor Tiernan Engineering Ltd. The project involved the supply, installation, and commissioning of an Indra Distance Measuring Equipment (DME) system at Ireland West Airport.

SIL replaced the outdated DME equipment with an advanced Indra LDB-103 Low Power DME with remote control and monitoring, a new mast and antenna, and the installation of a fully insulated and air-conditioned fibreglass equipment shelter.

A complete turnkey package was provided including project management, system design, equipment provision, installation and commissioning. SIL also provided the DME Safety Case, which secured approval from both the European Aviation Safety Agency (EASA) and the Irish Aviation Authority (IAA).

SIL successfully delivered the replacement DME system within the allocated budget and approval for operational use was granted on 27 November 2023.

About Ireland West Airport Knock (IWAK):

Ireland West Airport (IWA) provides Air Traffic Management (ATM), Communication, Navigation, and Surveillance (CNS) systems. The site also hosts Met Eireann, providing essential Meteorological Services for Air Navigation.

818,000 passengers used the airport in 2023, making it the fourth-busiest in Ireland.