On 11 June it was announced by Terma in Aarhus, Denmark that the company has been contracted to upgrade the existing Terma Surface Movement Radar (SMR) at Birmingham Airport. With this Birmingham will join a long list of airports to operate the new generation Solid State SCANTER 5502 Surface Movement Radar.

The purpose of the Surface Movement Radar is to maximise safety in airports by allowing Air Traffic Controllers to monitor, advise, and instruct aircraft, vehicles, personnel and so forth moving on the ground in an airport. Radar is suitable for this purpose as it covers a large area and operates independently of light conditions be they day or night, visibility conditions for example fog, and possible precipitation be it rain and snow.

Terma’s SCANTER 5502 Solid State Surface Movement Radar is integrated into the airport’s Advanced Surface Movement Guidance and Control System (A-SMGCS) as the primary surveillance sensor.

Terma Surface Movement Radars are in operation in eight major UK airports including London Heathrow, London Gatwick and London Stansted. A total of more than 120 international airports around the globe are equipped with SMR radars from Terma.

Picture caption
TERMA Solid State SCANTER 5502 Surface Movement Radar at Toulouse Airport.

Photo provided by kind courtesy of TERMA A/S©.