



# Saudi Arabia's high-tech fence

Saudi Arabia has unveiled a 900km state-of-the-art fence along its border with Iraq to ensure the war waged by so-called Islamic State doesn't spill across its frontier. The \$3.4 billion Northern Border Security Project was built by Munich-based Airbus Defence and Space

**Border barrier:** 40 watchtowers equipped with Airbus SPEXER 2000 radars and day/night cameras, seven command-and-control (C2) centres, 38 separate communication towers and 32 military response stations



Response stations equipped with heli-pads

**Barriers:** Twin chainlink fences with razor wire, 100m apart, separated by concertina fence

**Sand berms:** Embankments designed to slow infiltrators

**Underground movement sensors:** Trigger silent alarms

**Network:** 1,450,000 metres of fibre optic cable connects C2 centres to Ministry of Interior

## SPEXER 2000 radar

Also known as TRGS Sec Detection Ranges

Pedestrian (slow moving)	18km
Light vehicle	22km
Truck	36km
Light aircraft	27km
Low-level helicopter	36km

**Surveillance Reconnaissance Vehicles:** 10 units, each fitted with SPEXER radar, video, thermal and night-vision cameras



**ForensicaGPS:** System linked to 3D face recognition software

