

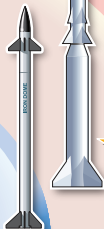
U.S., Israel near deal on missile defence shield

The U.S. and Israel are just weeks away from reaching a draft agreement on co-production of an air defence system for Israel called David's Sling, jointly developed by the two countries

ISRAEL'S MISSILE DEFENCE SYSTEM

David's Sling is designed to fill operational gap between ***Iron Dome*** short-range rocket interceptor and ***Arrow*** ballistic missile interceptor

Iron Dome ▶
Targets ***Qassam*** and ***Fajr-5*** rockets.
Range: **4-70km**
2011



DAVID'S SLING: Two-stage surface-to-air interceptor missile

Guidance: Radar and electro-optical sensors in nose control two sets of four movable wings

Speed: **Mach 7.5**

Altitude: **30-75km**

Manufacturer:

Rafael (Israel),
Raytheon (U.S.)

▶ **Arrow 3:** Destroys Iranian ***Shahab-3*** ballistic missiles in outer space.
Range: **200-2,000km**
Under development

▶ **Arrow 2:** Intercepts long range missiles such as ***Shahab-2***. Range: **200-1,000km**. *In operation since 2000*

David's Sling: Addresses threat posed by rockets such as Hezbollah's ***Zelzal-2*** in Lebanon. Range: **40-300km**
Expected to enter service in 2016

70km

300km

1,000km

2,000km

