

# The Telegraph

**Iran has proved it can breach the world's greatest air defence system. What comes next could be devastating**

The world is taking notes after Israel's formidable Iron Dome was breached by Iranian rockets

Jotam Confino in Tel Aviv / 09 October, 2024

A week after one of the heaviest single attacks in history – using advanced ballistic rockets – the full impact of the assault is only just becoming apparent.

Experts are frantically working to understand how – and if – Israel can defend itself from more waves of rockets if war continues to escalate in the Middle East.

[...]

**Dr. Yehoshua Kalisky, Senior Researcher at INSS**, a think tank in Tel Aviv, said that Iran's intention was to “saturate the air defence system” by firing an unprecedented 180 missiles at the same time.

Israel's air defence system consists of several layers; the Iron Dome, David's Sling and the Arrow weapon system, the world's first anti-tactical ballistic missiles (surface-to-air missiles used to shoot down ballistic missiles).

Each system is designed to shoot missiles out of the sky at different altitudes, with the most recent version of Arrow designed to intercept missiles in space, known as “exo-atmospheric” interceptions. Videos from bystanders caught at least one of these rare sights last Tuesday.

“The idea is to shoot down the missile as far away from Israel as possible, preferably over the enemy's territory,” Mr Kalisky told The Telegraph. Should that fail, the next layers are ready to shoot down the missile as the altitude lowers.

“David's Sling and finally the Iron Dome can shoot down the missile when they are close enough to the ground,” Mr Kalisky said.

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*For full article:*

<https://www.telegraph.co.uk/world-news/2024/10/09/israel-air-defence-iron-dome-tested-breaking/>