A new super helmet, designed by BAE Systems for the pilots of Eurofighter Typhoons, offers a stunning new advantage in combat.

The helmet, which is wired into the brains of the plane, allows the fast-jet pilots to lock onto targets with just a look and a voice-command. It can even allow pilots to 'see' enemy aircraft through the body of the plane.

**HOW DOES IT WORK?**

Sensors on the helmet 'talk' to fixed sensors on the aircraft so the Typhoon always knows exactly where the pilot is looking. Weapons sensors on the aircraft track enemy aircraft and missile information and feed it into the brains of the plane. Data from these sensors - and from HQ - can then be fed into the mix to give the pilot the ultimate view of the action around him.

**WHY IS THIS SO SPECIAL?**

Conventional systems mean pilots have to point the aircraft in the direction they want to fire to get the enemy in a field of view before they engage their weapons. The new super helmet system allows the pilot to let his helmet do the pointing without having to waste vital time manouevring the aircraft - giving a big advantage in combat.