Head-up displays
See-through display for military aviation

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BAE Systems has been a leader in HUD development and production for more than 50 years, a position gained through continuous investment in technology and innovation. The company has produced over 14,000 head-up displays which have been in service on over 50 different aircraft types in more than 50 countries around the world including some of the most advanced and demanding military aircraft such as the Eurofighter Typhoon, F-16 Fighting Falcon and F-22 Raptor.

Over 14,000 head-up displays manufactured and in service on over 50 different aircraft types aiding pilots from over 50 nations

- Wide field of view
  Better situational awareness for the military aviator

- Collimated images
  Accurate and low-latency symbology is overlaid on the outside world

- Large eyebox
  Allows some freedom of head movement, reducing pilot fatigue

- High luminance/contrast
  Symbology can easily be viewed under any flight condition, with no loss of brightness to symbology over the life of the equipment

- Compatible with in-service night vision goggles
  Able to continue flying "head-up, eyes-out" at night

- Digitisation
  Cockpits are upgrading to digital technology, faster, cheaper and more efficient. Fully compatible digital HUD technology is now available for upgrades and new installations (allows any digital input)

- Proprietary waveguide technology
  Revolutionary optical concept for HUD design eliminates complex lens configuration which reduces cost, mass, and volume

- Backward compatibility
  Backward compatible to any existing aircraft interface which offers minimal impact on display performance

- Increased mean time between failure
  Significantly reduces through-life cost of ownership and increases mission efficiency
About BAE Systems
We’re building on our strength as a global provider of defense and security products to shape support services that meet the changing needs of our customers. From sophisticated cyber services and military support, to mission critical electronic systems and protection equipment, we aim to be at the forefront of defense technology and science.

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