

# CHALLENGER 3 vs CHALLENGER 2

Introducing Challenger 3 - a network-enabled, digital Main Battle Tank and a world-class capability for the British Army

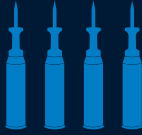
## SIGHTING SYSTEMS

- Two independent new Thermal Imagers
  - commander and gunner
- Fully integrated, automatic target tracking, wide area search and assisted target detection
- New Driver's sight with front and rear Thermal Imager cameras



## AMMUNITION

- NATO-standard - increased lethality and additional natures



## MAIN ARMAMENT

- L55A1 smoothbore giving NATO commonality
- Latest-generation programmable ammunition (High Explosive and Kinetic Energy)

## TURRET STRUCTURE

- All new turret

## SURVIVABILITY

- Enhanced armour
- Laser Warning System
- Active Protection System option

## MOBILITY

- Third generation hydrogas suspension
- Upgraded engine with improved cooling
- Reduced through-life cost



## CREW

**4** Commander, Gunner, Loader, Driver



## SYSTEM ARCHITECTURE

- Generic Vehicle Architecture, open system
- New digital crewstations

## TOTAL WEIGHT

**66** tonnes | Increased protection capability



## SIGHTING SYSTEMS

- Single Thermal Imager



## AMMUNITION

- Three-piece

## MAIN ARMAMENT

- L30 rifled bore

## TURRET STRUCTURE

- Original, cast

## SURVIVABILITY

- Embedded special armour

## MOBILITY

- Second generation hydrogas suspension



## CREW

**4** Commander, Gunner, Loader, Driver



## SYSTEM ARCHITECTURE

- Point-to-point bespoke architecture, closed system

## TOTAL WEIGHT

**65** tonnes

