

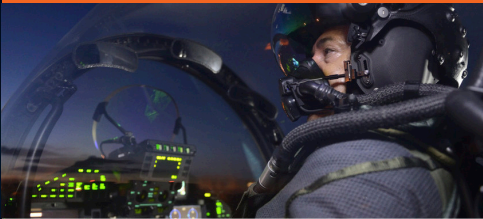
Equus-Sense

Harnessing tech for equine excellence

The horses in Britain's elite equestrian teams are benefitting from sensor technologies normally used to manage cockpit conditions for fighter pilots in combat aircraft such as Eurofighter Typhoon, helping to ensure they arrive at competitive events in peak states of health and fitness.

BAE SYSTEMS

Transferring technology



Equus-Sense is a technology that builds upon sensor systems that monitor cockpit conditions and air quality found in combat aircraft



The data captured allows trainers to influence the environment in cabins to improve travel conditions of animals being transported to competitions worldwide



In combat aircraft the sensors are crucial for the performance of defence equipment and pilots and in the world of elite sports, technology such as this can have a significant impact on critical margin gains



The device can be used across all forms of transportation – air, road or sea



What it measures

Monitors travel conditions and parameters to keep elite horses in peak condition



Temperature



Humidity



Pressure



Dust level



Carbon monoxide concentration



Carbon dioxide concentration



Ammonia concentration



Oxygen concentration



Sound level



Vibration