



WORKING TOGETHER TO PROTECT TYPHOON

Recent seismic geopolitical shifts and new and rapid technological developments require new approaches and solutions to cope with the changing environment.

PRAETORIAN
eVolution



ASSURED PROTECTION, TODAY AND TOMORROW

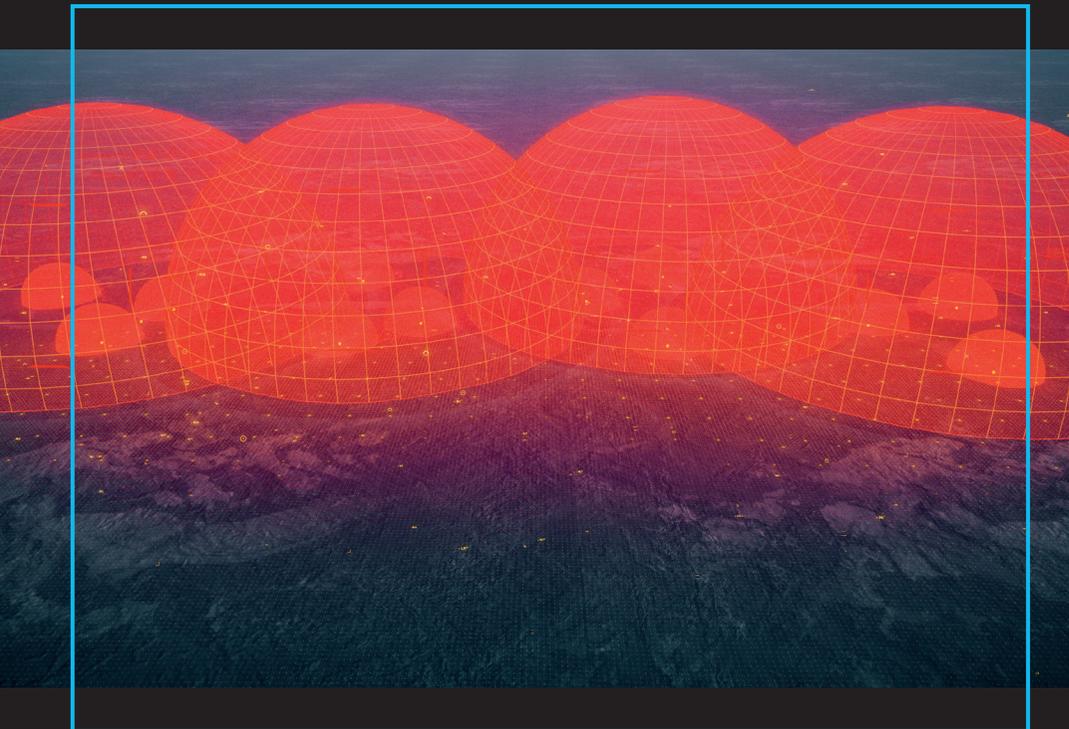
The Evolution of Praetorian builds upon the successful and long established partnered approach between EuroDASS and Typhoon operators, providing incremental capability enhancement to the DASS. To outpace the future threat, the Praetorian architecture must evolve, providing exceptional platform protection and supporting mission success in symmetric or asymmetric conflicts in future decades.

Praetorian Evo supports high frequency agile change and digital data transmission and is readily adaptable to the future dynamic battlespace.

Praetorian Evo offers future capability growth, ensuring the protection of Typhoon throughout its future service life.

ASSURED PROTECTION





THE THREAT ENVIRONMENT IS QUICKLY EVOLVING

Freedom of operation is fundamental to enabling an Air Force's capacity to project power. The platform protection afforded by Praetorian has significantly contributed to mission success and survivability, providing a strategic advantage to Typhoon operators.

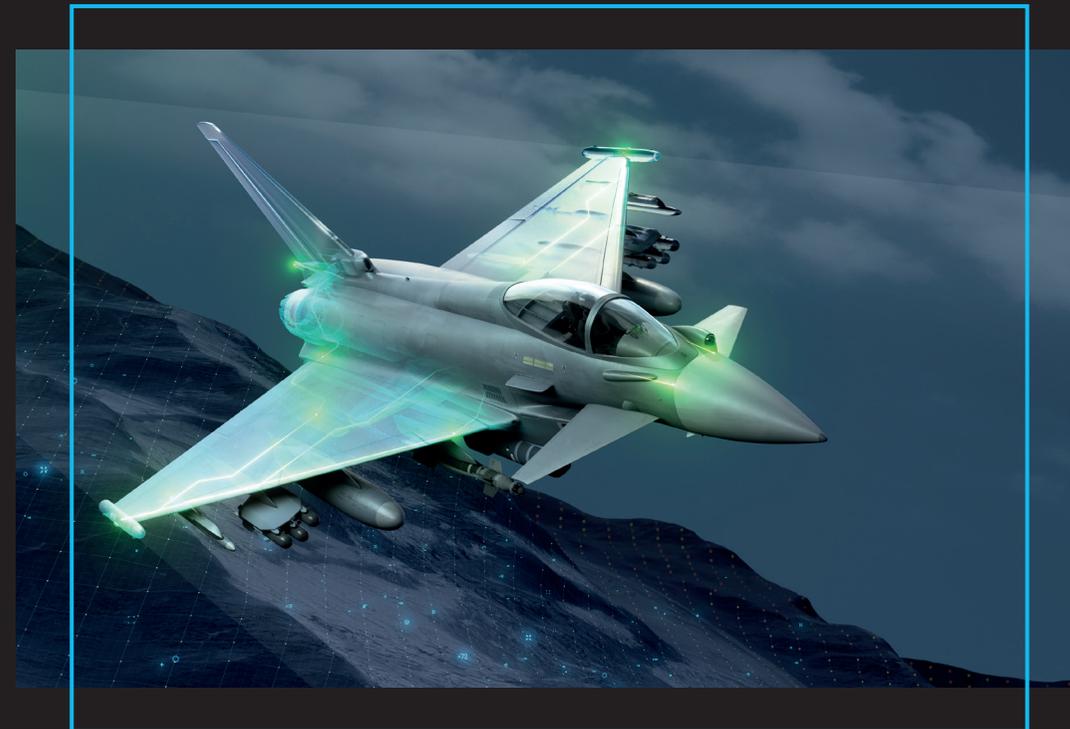
The traditional position of air dominance is threatened by the re-emergence of symmetrical warfare and the rapidly evolving nature of air and surface threats.

The future threat complexity continues to evolve, with increased global proliferation.

Legacy threat upgrades are exploiting more of the electro-magnetic spectrum and maximising digital technology.

Networked, layered, Integrated Air Defence Systems (IADS) pose an increasing anti-access and aerial denial threat.

Counter-stealth technology is eroding the advantages of low-observability; Agile digital stealth capability will ensure survivability in future complex, congested and contested threat environments.



EVOLVING WITH A CHANGING TYPHOON

As Typhoon evolves within the Nation's future air power fleet mix, so too must the DASS, contributing to new capabilities beyond self-protection.

Praetorian Evo will exploit the electromagnetic spectrum, maximizing interoperability with other sensors and effectors, with enhanced communication capabilities allowing Typhoon to share and exploit high fidelity data across the digital battlespace.

Praetorian Evo supports a fully digital, high speed, high capacity network, driving exceptional situational awareness, co-operative multi-platform techniques, and agile updates.

Praetorian Evo will ensure Typhoon remains central to the future fleet mix alongside 5th generation and future platforms, enabling multi-platform EW and ISR functions such as high precision targeting and advanced combat ID.



SERVICEABILITY, AVAILABILITY, MAINTAINABILITY AND VALUE FOR-MONEY

Praetorian Evo provides an affordable solution to ensure Typhoon remains relevant up to its out of service date.

Praetorian Evo's all-digital architecture will provide superior self-diagnostics and health monitoring.

Life cycle costs will be optimised, with reduced integrated logistics support requirements.

Algorithmic Mission Data (AMD) encompassing tiered functionality upgrades provides an agile operational capability.

Praetorian Evo will adopt an open system architecture, readily updateable via Mission Data.