



Leonardo in the United Kingdom

Partnering for future prosperity



—
June 2020



OUR MISSION



To be the international Aerospace, Defence and Security company that best enables its customers' success, by thinking creatively and working with passion.

OUR PURPOSE

Contribute to the world's progress and safety by delivering meaningful and innovative technological solutions.





Our Group

- Leonardo is a global company in the **Aerospace**, **Defence** and **Security** sector with an integrated offer of high-tech solutions for both military requirements and civil applications



Helicopters

Helicopters Division
Kopter (100%)



Defence Electronics & Security

Electronics Division
Cyber Security Division
Leonardo DRS (100%)
Vitrociset (100%)
Elettronica (31.33%)
MBDA (25%)*



Aeronautics

Aircraft Division
Aerostructures Division
ATR (50%)*



Space

Telespazio (67%)*
Thales Alenia Space (33%)*
AVIO (26%)

* Joint ventures % Leonardo's share



A top 10 Global Defence & Aerospace Company

Leonardo is a global high-tech company and one of the key players in Aerospace, Defence and Security worldwide

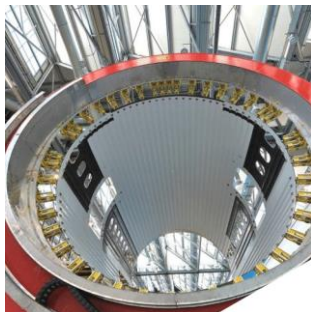
Divisions



Helicopters



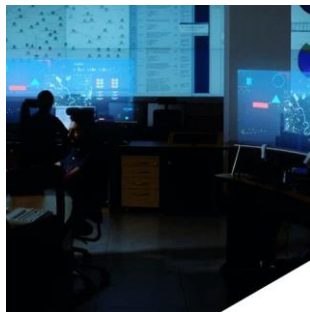
Aircraft



Aerostructures



Electronics



Cyber Security

Subsidiaries/Joint Ventures



**Leonardo
DRS**

100% Leonardo



Telespazio

67% Leonardo
33% Thales



**Thales
Alenia Space**

67% Thales
33% Leonardo



MBDA

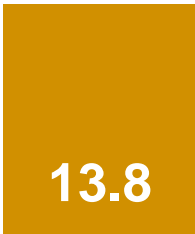
37.5% BAE Systems
37.5% Airbus Group
25% Leonardo



ATR

50% Leonardo
50% Airbus Group

2019 Results
(€bn)



Revenue



Order
backlog



New
orders



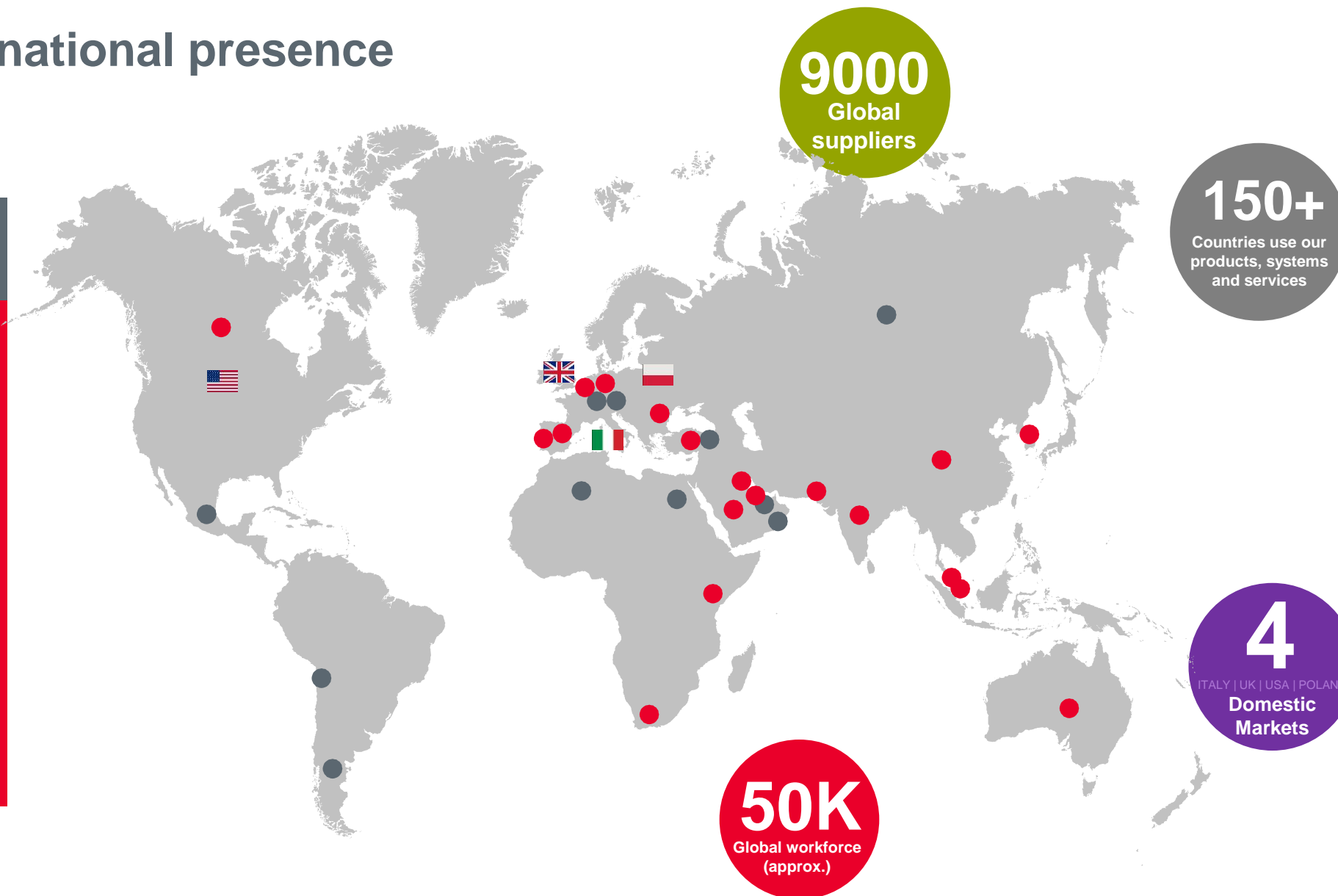
Significant international presence

● SUBSIDIARIES
(Leonardo International)

○ REGIONAL
OFFICES

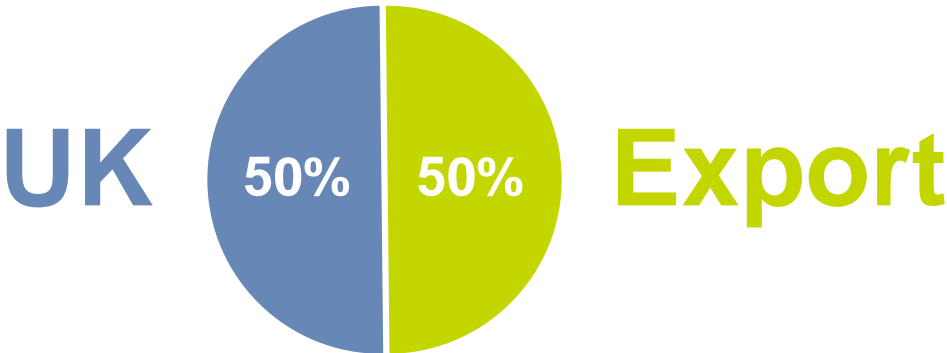
Australia
Bahrain
Belgium
Brazil
Canada
China
Germany
India
Japan
Kenya
Kuwait
Malaysia
Pakistan
Poland
Portugal
Qatar
Romania
Saudi Arabia
Singapore
South Africa
South Korea
Spain
Turkey
USA

Algeria
Argentina
Austria
Chile
Egypt
Germany
Hungary
Mexico
Oman
Peru
Russia
Turkey
UAE





Building the UK's future



UK supply chain sustains 25000 jobs over 1700 companies (1300 SMEs)



A major presence in the United Kingdom

Edinburgh

Radar, Lasers , Infra-Red Counter Measures, Electro-Optic Targeting

Luton and Lincoln

Defensive Aid Suites, Radar Warning Receivers, Jammers, EW Cyber, EW Training, Mission Systems Integration, Satellite services, Geo-information and ground systems

Bristol

Cyber and Information Assurance, Critical Infrastructure, Training & Simulation

Yeovil

End-to-end helicopter capability

Basildon

Optronics, Defence Communications Systems, Critical National Infrastructure (CNI), Land Systems, Acoustics

Southampton

Infra-Red Detection, Defence Communications Systems, Traffic Control Systems

Helicopters



Today – an End-to-End Capability



Product & Capability

- Military Product Range
- Highly integrated helicopter systems
- Helicopters bespoke to customer specific requirements
- Blades and transmissions

Service & Support

- Delivery of integrated Customer Support and Training programmes
- 24 hour Fleet Operations Centre
- 350 MoD personnel based on site
- Delivering customer training at their operational bases

Looking to the future...

- British Experimental Rotorcraft Programme (BERP) IV
- Active blades
- Rotary Wing Unmanned Air Systems (RWUAS)



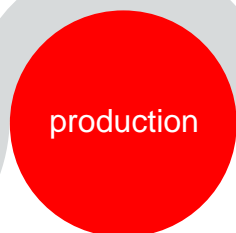
research



marketing
and sales



design



production



development
and test



training



support
and service



upgrades

Military Helicopter Centre of Excellence

End-to-End Capability Assured Support

Managing the Whole Value Chain



Innovation

Tiltrotor
Aircraft



Unmanned Air
Vehicles



Dual-Use
Aircraft



Urban Air
Mobility



SERVICE DELIVERY



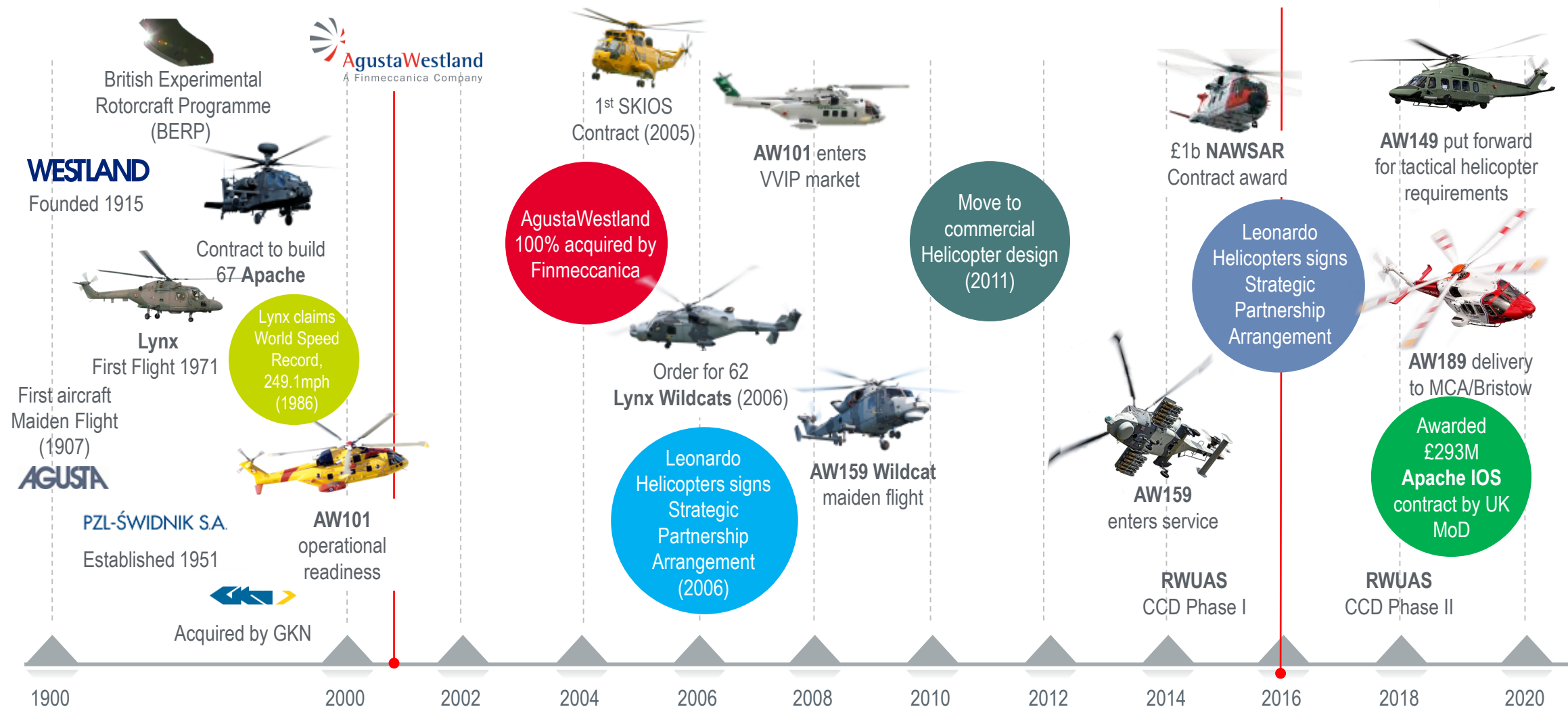
World-Leading Capabilities

- Advanced rotor systems design, development and manufacture with particular application to rotor blade technology
- Vibration reduction technology - active systems
- Gearbox design, manufacture and optimal matching of the power plant, the gearbox and the rotor system
- Rotorcraft systems integration including vibration and EMC risk management
- Comprehensive Repair & Overhaul Service to support fleet flying including IOS's, GTAT
- Comprehensive service for modifying helicopters (UORs) and supporting



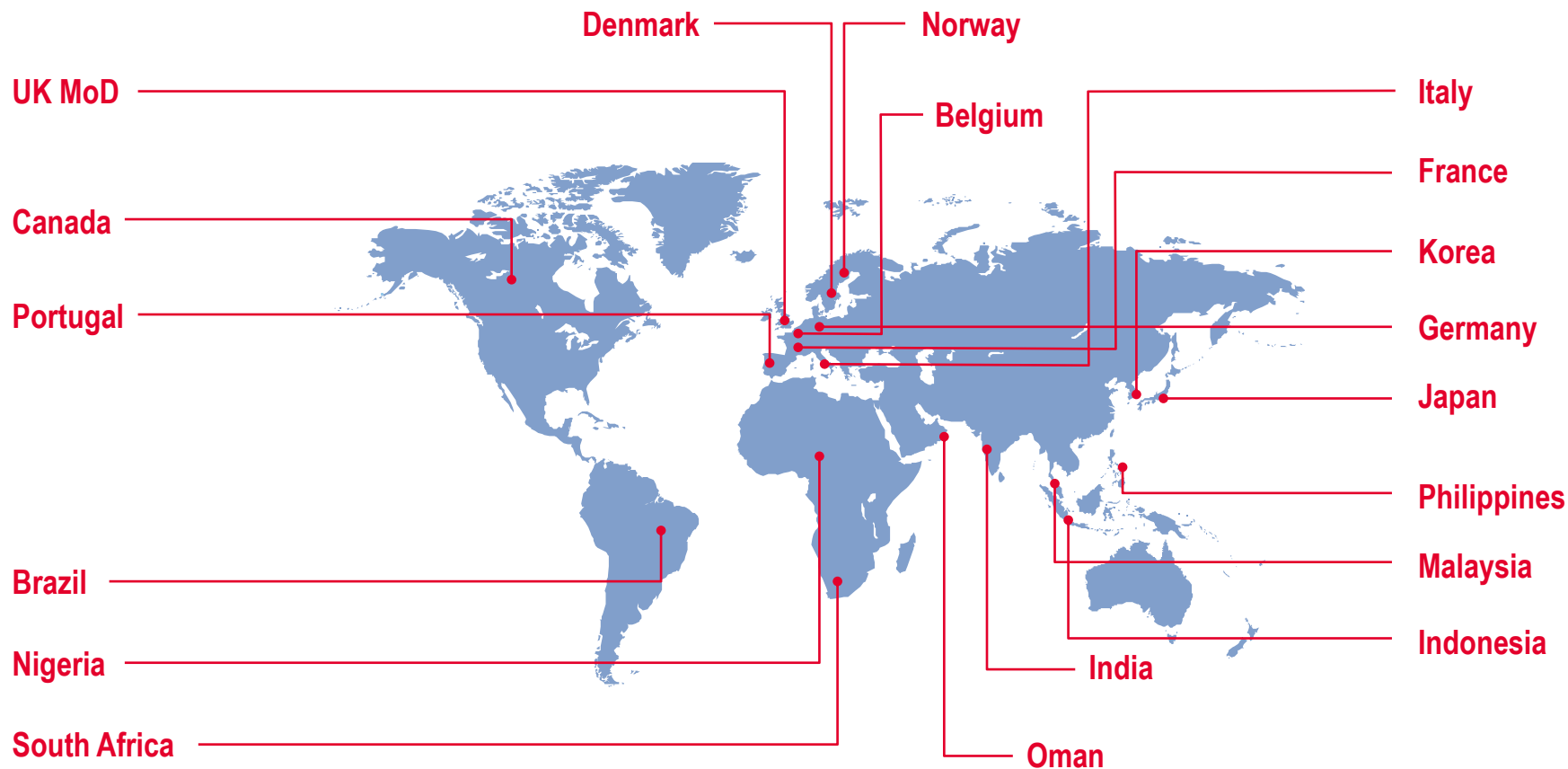


Over 100 years of expertise





Extensive International Support Network



CUSTOMERS



COUNTRIES



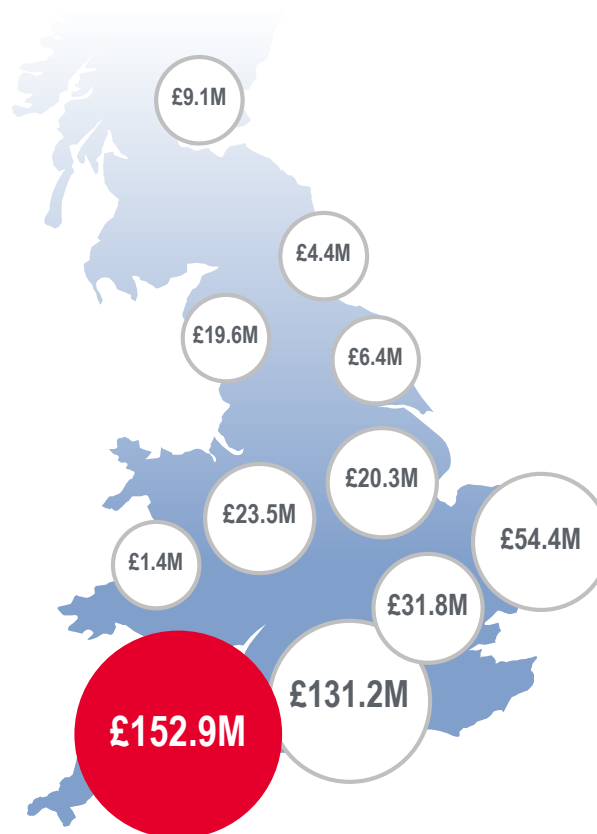
AIRCRAFT

Developing the UK's Prosperity Agenda

The UK Government focus is on National Prosperity, led by increasing exports with a particular emphasis on world leading technologies.

- Spends over £450M with 815 UK supply chain of which 35% are SMEs
- £850M GVA = £66,900 per employee
- Over 17,000 jobs supported in UK
- 60 Apprenticeships and 20 Graduate training programs/year

Source: PWC report 2013



REGIONAL PROCUREMENT SPEND



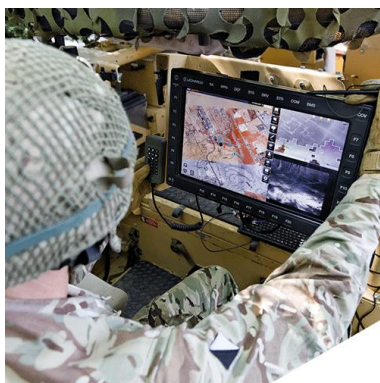
- Delivers £600M of export revenues annually to the UK – approximately 10% of UK Defence Exports
- Competitive globally
- 20-25% of cost taken out of Merlin and Apache Integrated Operational Support contracts
- Export orders being won against US FMS offerings, which have very strong U.S. Government support globally

Electronics and Cyber Security



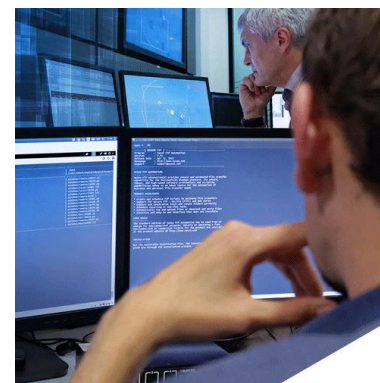
Sensing, Engaging and Protecting...

Electronics



Radars, Infrared Counter Measures and Lasers, Defensive Aid Suites, Electronic Support/Counter Measures and Electronic Warfare Operational Support, Naval Systems, Force Protection and Soldier Radios, Land Systems, Infrared Detectors, Cameras, Precision Guidance and Vehicle Mission Systems

Cyber Security



Homeland Security, Cyber Security and ICT Solutions, Traffic Control Solutions, Automation Systems

Expertise across
the full system spectrum...

Components

Sub-systems

Systems

Communications

Training &
Simulation

Products

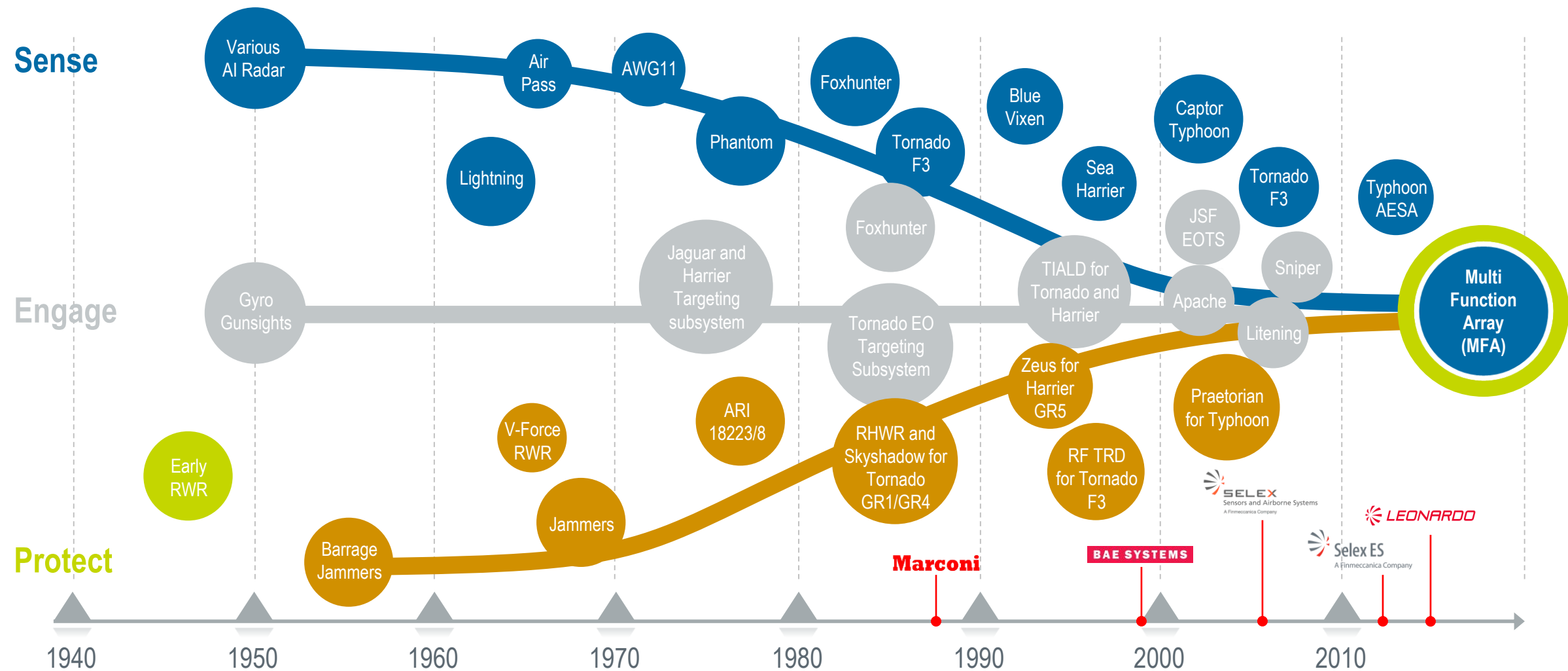
Avionics
Electronics

Support and
Service

Cyber and
Security

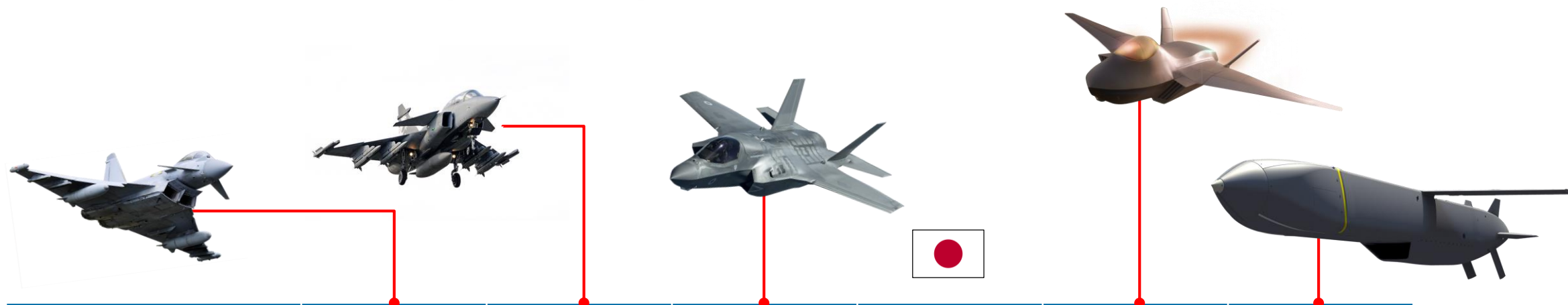


Recognising the past, protecting the future...





Combat Air - current and potential presence



	Typhoon	Gripen	JSF	J-FX	Tempest	Complex Weapons
Sense Radars, EW, EO	Captor M-Scan E-scan radar Praetorian ESM	Raven Radar		Radar ESM	Integrated multi-function system (The future of radar, EW, Comms., IFF, Datalink...)	
Engage Targeting & Weapon subsystems	Captor IRST		Targeting Laser	Radar IRST		'EW' Seeker
Protect EW, Weapons	Praetorian ECM BriteCloud New jammers	BriteCloud	BriteCloud	RF ECM		'EW' Payloads
Command & Control	Computers Cockpit			C2 sub-system		
Communicate	Radios IFF	IFF				Datalink



Tempest

- Leonardo UK is leading the development of Tempest's complex electronics, delivering **sense** to **effect** and **communication** capabilities
- These systems will allow Tempest to Sense, Engage and Protect
 - **Sense** its environment, including threats and targets to deliver information advantage
 - **Engage** threats across the battlespace
 - **Protect** the pilot, platform and wider network from threats

BAE SYSTEMS



MBDA
MISSILE SYSTEMS



Partnerships to deliver excellence

BriteCloud



Dragonfire



Guardian



CIRCM



Precision Guidance



Gripen



Typhoon



TyTAN



Osprey Firescout

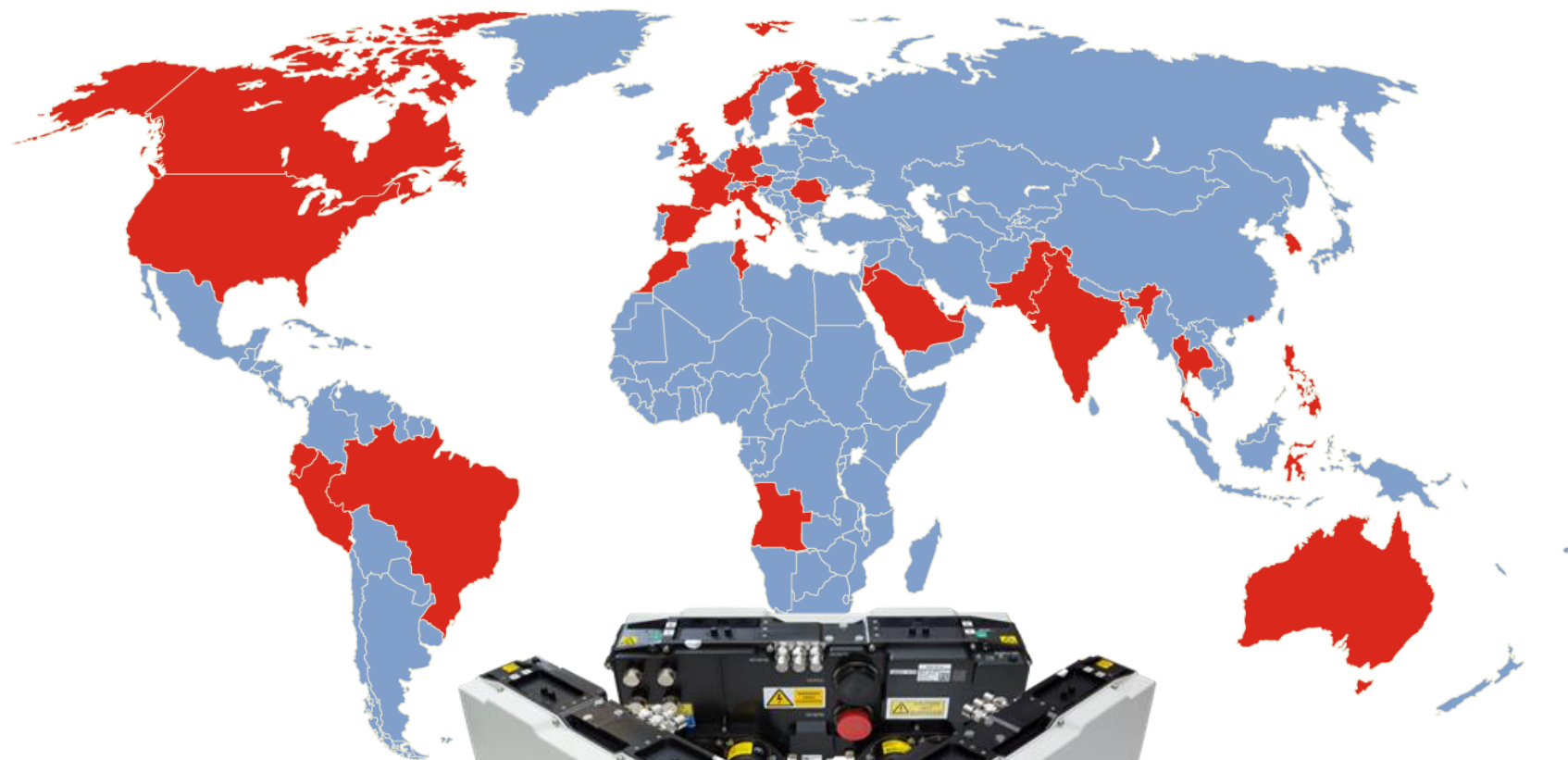


RAF Shadow



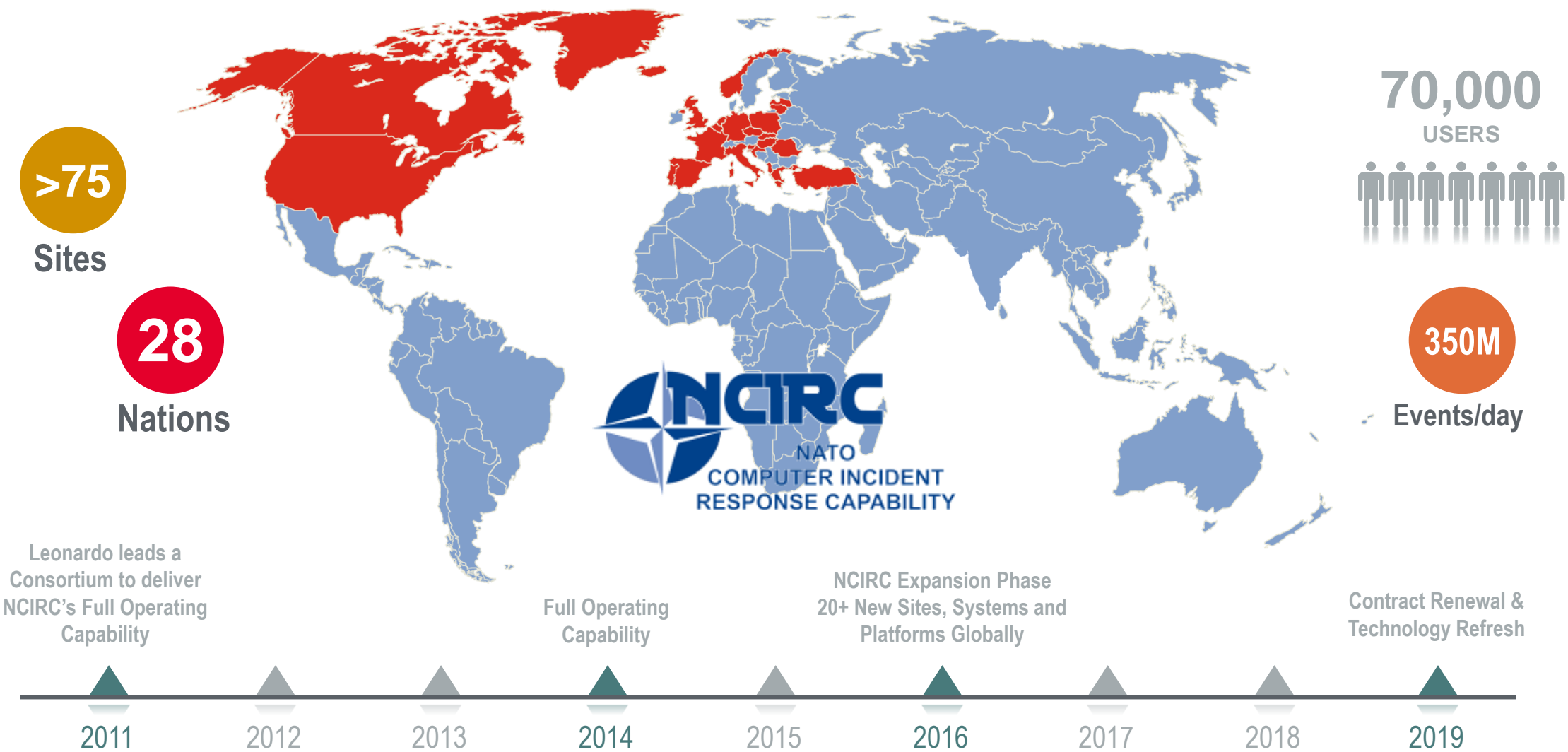


AESA Surveillance Radar





Trusted Partner for NATO's Global Cyber Defence

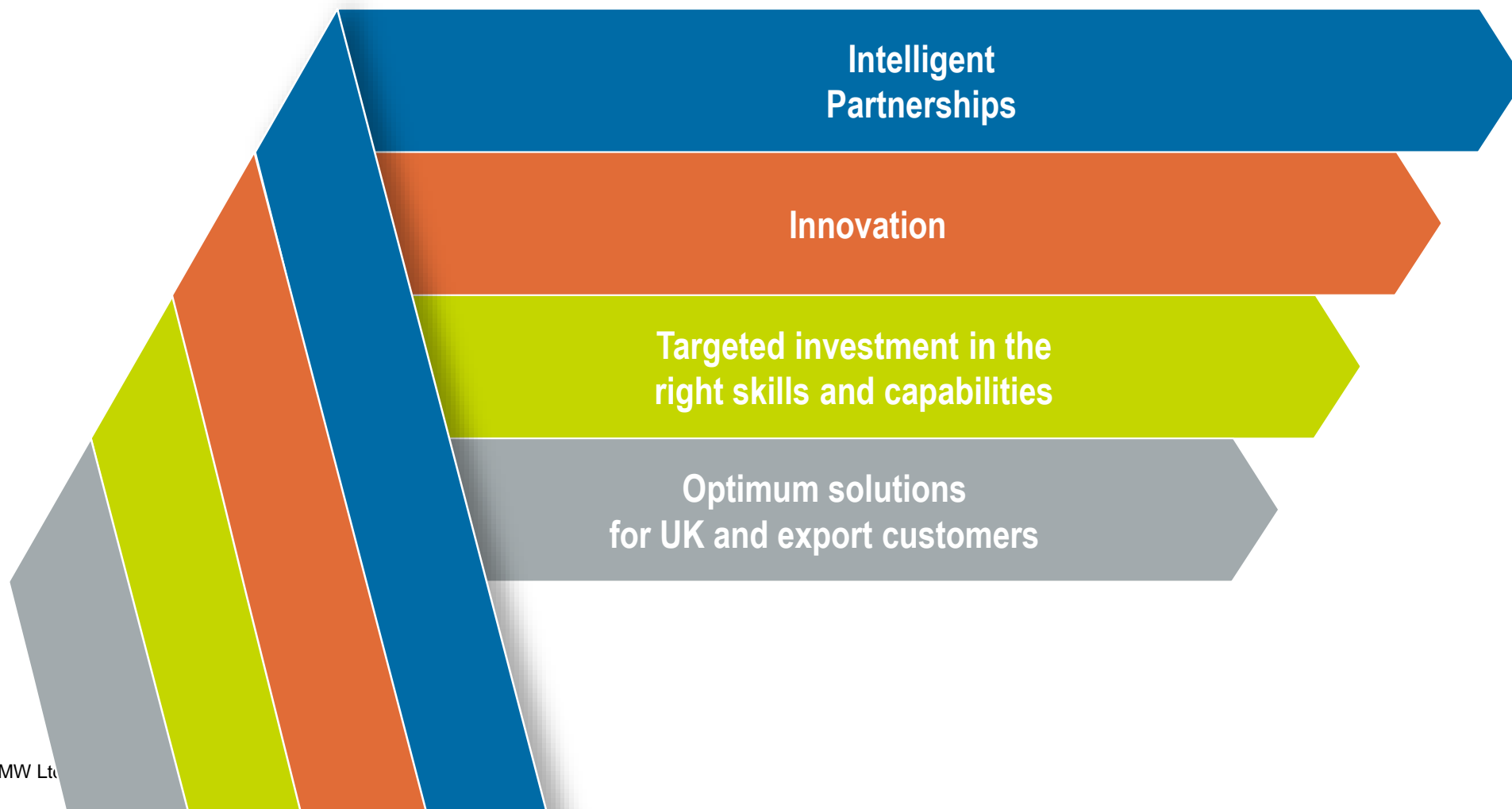


Conclusion



Growing in and from the UK.

Partnering with our customers for future prosperity.





THANK YOU
FOR YOUR ATTENTION
uk.leonardocompany.com

