

Advancing aviation, keeping the skies safe.

July 2019



NATS

A large, stylized teal swoosh graphic that starts at the top right and curves around the bottom of the page, framing the text.

The Content Carousel



Who

Our businesses

What we do

Our certifications

What

UK upper airspace

Airport services

International business

Why

Product and service offerings

**Advancing aviation,
keeping the skies safe**

Our operation

Performance

People

Our Businesses

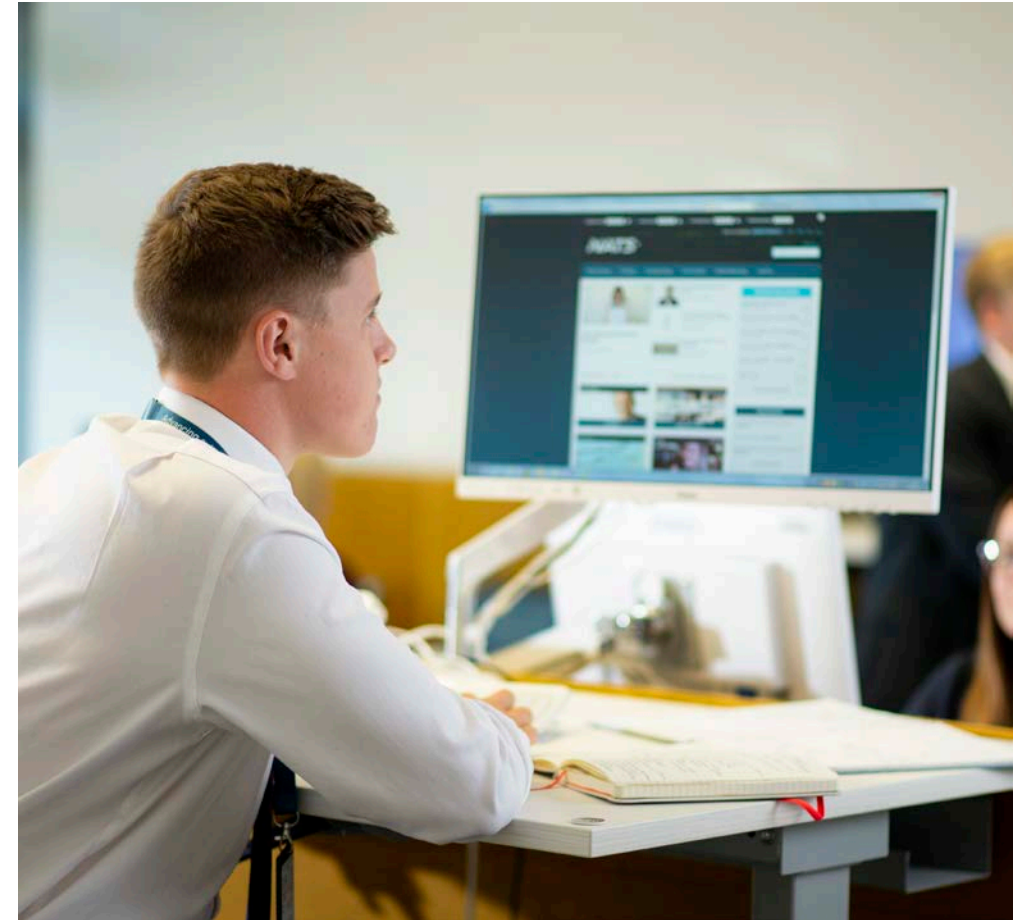


The NATS group provides air traffic control services through two principle operating subsidiaries, **NATS en route plc (NERL)** and **NATS Services (NSL)**.

Both are subject to safety regulation by the UK Civil Aviation Authority.

NATS en route (NERL)

- Operates under license issued by the UK Government to manage UK upper airspace
- Subject to economic regulation on prices and revenues by the UK Civil Aviation Authority



Our Businesses



NATS Services

- An unregulated business
- Competing in the commercial marketplace
- Provides ATC services to airports, and aviation related services to UK and International businesses
- Customers include the UK Ministry of Defence, Governments, airports, airlines, wind farms and other airspace users
- Supporting customers in over 30 countries across the globe with a key presence in Europe, the Middle East and Asia Pacific



What we do



Operation of Control Centres to manage UK airspace



A leading member of initiatives and alliances



Provide air traffic control services at airport towers



Provide aviation services to Airlines, ANSPs, Governments and the Military in over 30 countries



Our ISO Certifications



Certified for all activities including the planning, design, training, management and operation of Air Traffic Management, Air Traffic Engineering and Aeronautical Information Management services



Environmental Management System



Risk Management Standard



Information Security Management

Management of UK Airspace

In UK airspace we handle



2.54 million flights. 1.2% more than 2018



Over **250** million passengers



Watch our **Value of UK Airspace** video



ATC Service Locations

We provide ATC services to 13 UK Towers, Gibraltar and in Spain as part of a joint venture with Ferrovial

- Operated by NATS
- Operated by FerroNATS
- Operated by Aquila



International Air Traffic Management

Europe

We are working in our domestic UK market and with European customers to improve the efficiency of trans-European air traffic and apply common EU standards.

Middle East

NATS is supporting rapid growth in the Middle East as the region develops into one of the worlds most important aviation hubs.

Asia Pacific

NATS is helping to enable the exponential growth of air travel in the Asia Pacific region, helping to ensure this expansion takes place in a planned and sustainable manner.



Services to maintain and grow airport operations



Providing solutions to runway throughput, congestion and unexpected disruption



Digital towers



Engineering services



Intelligent approach including Enhanced Time Based Separation (eTBS) and RECAT



Training and real time simulation

Creating efficiency through data



The intelligent use of data can create capacity and efficiency. This is a key area for which NATS provides services to airports and airlines, and includes;

- Airport Capacity Enhancement (ACE)
- Aeronautical Information Management (AIM)

Airspace performance

Creating a safe and efficient airspace to meet the growing demands of ever busier skies.



UK Drone Assist App

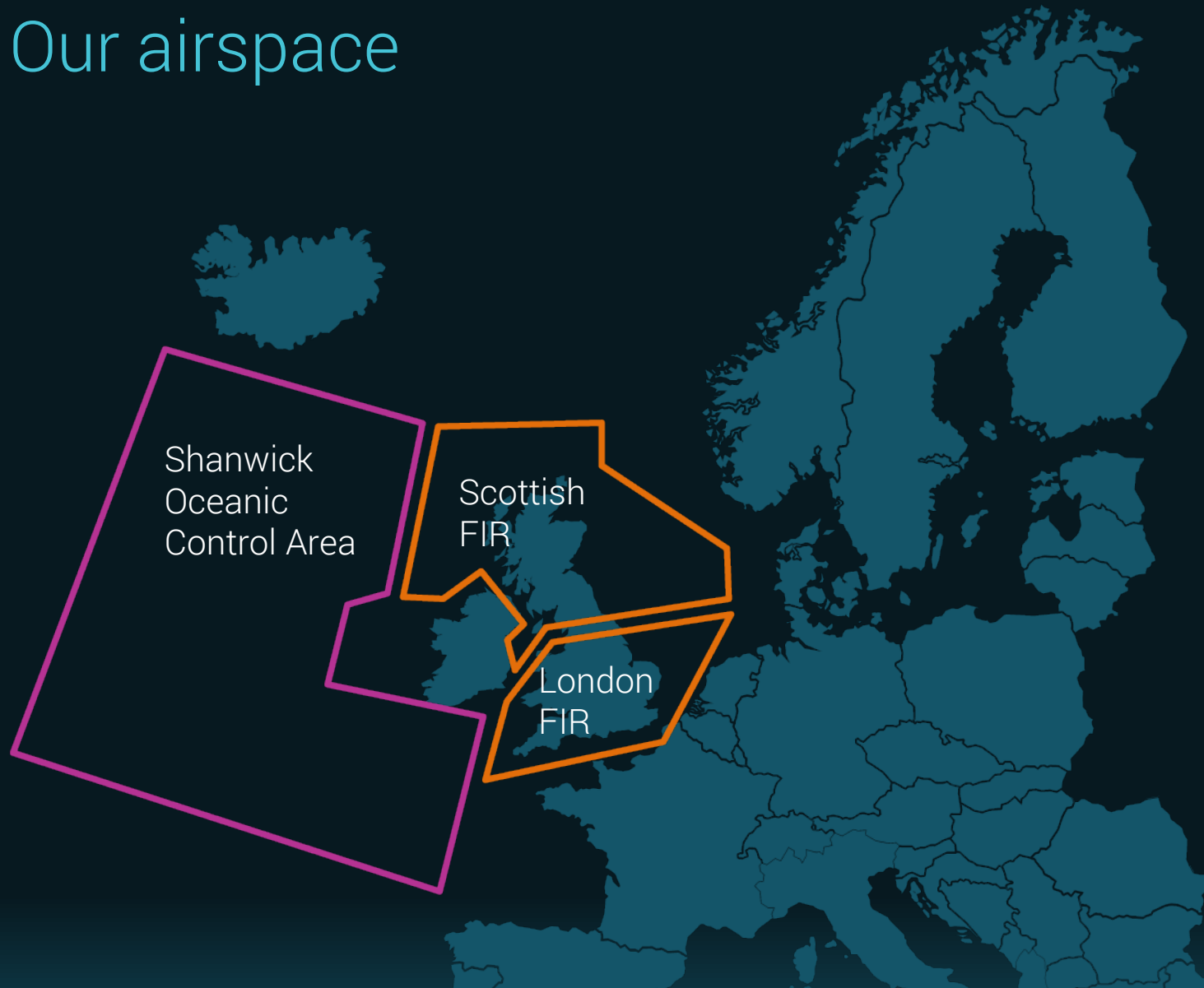


iFACTS and iTEC
systems for controllers



XMAN and Free Route
Airspace to optimise
flight efficiency

Our airspace



Flight Information Regions

- London & Scottish FIRs:
1m km² – 11% of Europe's airspace
and 25% of traffic
- Shanwick
2.2m km² – 80% of North
Atlantic traffic

Our centres

En route locations



 **Prestwick Centre**
Handles on average
3,400 flights/day

- Scottish Oceanic Control Centre
- Scottish Area Control Centre
- Manchester Area Control Centre



Swanwick Centre
Handles on average
5,500 flights/day

- London Area Control Centre
- London Terminal Control Centre
- London Military Air Traffic Control



Whiteley
Head office

- College and Training centre
- Engineering
- AQUILA
- Support functions

Our operational and environment performance



	PPP year	CP2				CP3				RP2			
	01/02	07/08	08/09	09/10	10/11	11/12	12/13	13/14	14/15	15/16	16/17	17/18	18/19
Traffic (flight millions)	2.001	2.480	2.372	2.172	2.116	2.167	2.126	2.162	2.216	2.278	2.45	2.515	2.544
Safety (airprox) Risk bearing (Cat A/B)	8	2	0	0	0	0	0	1	1	0	0	0	0
Delay seconds NERL attributable (seconds)	109.4	26.8	19.3	4.3	4.3	7.3	1.4	5.5	2.4	4.3	10.9	7.2	11.5
CO2 emissions savings (tonnes)		16,488	35,552	82,880	40,848	134,131	83,028	86,617	481,802	157,156	59,768	273,600	113,700
Headcount (average)	5,652	5,158	5,084	4,920	4,652	4,533	4,562	4,519	4,342	4,196	4,216	4,310	4,464
Group profit/(loss) before tax (£m)	(79.9)	66.7	135.5	78.3	106.1	194.5	160.8	157.5	200.3	44.4	125.5	132.8	98.2

Our firsts



Establishing the UK's first digital remote tower for London City Airport



World's first ANSP to publicly release a flight tracking app which uses radar data to display aircraft positions



Commenced operational trials with space-based ADS-B in Oceanic operations



Created the world's first virtual control facility with full SRG certification at Heathrow



In 1992 became the world's first ANSP to develop and adopt formal safety procedures

Highlights of 18/19

NATS



Responded to RP3 (2020-2024)
National Performance Plan
proposals

and continue to deploy new ATC
equipment and software to
modernise airspace



Deployed electronic flight
strips

into the Terminal Control (TC)
operation in a phased transition
which completed in June 2018



Strengthened contracts

including winning a 10 year contract
at Cardiff and St Athan's airports



Acquired a strategic minority
interest in Aireon

a satellite-based air traffic surveillance
system with global coverage capable
of tracking and monitoring aircraft in
real-time

Our people



Awards from industry organisations

NATS



Our executive



Martin Rolfe
Chief Executive Officer



Guy Adams
Commercial Director



Alistair Borthwick
Finance Director



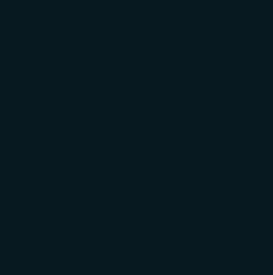
Richard Churchill-Coleman
Legal Director



Julie Elder
HR and Corporate
Service Director



Juliet Kennedy
Operations Director



Alastair Muir
Safety Director

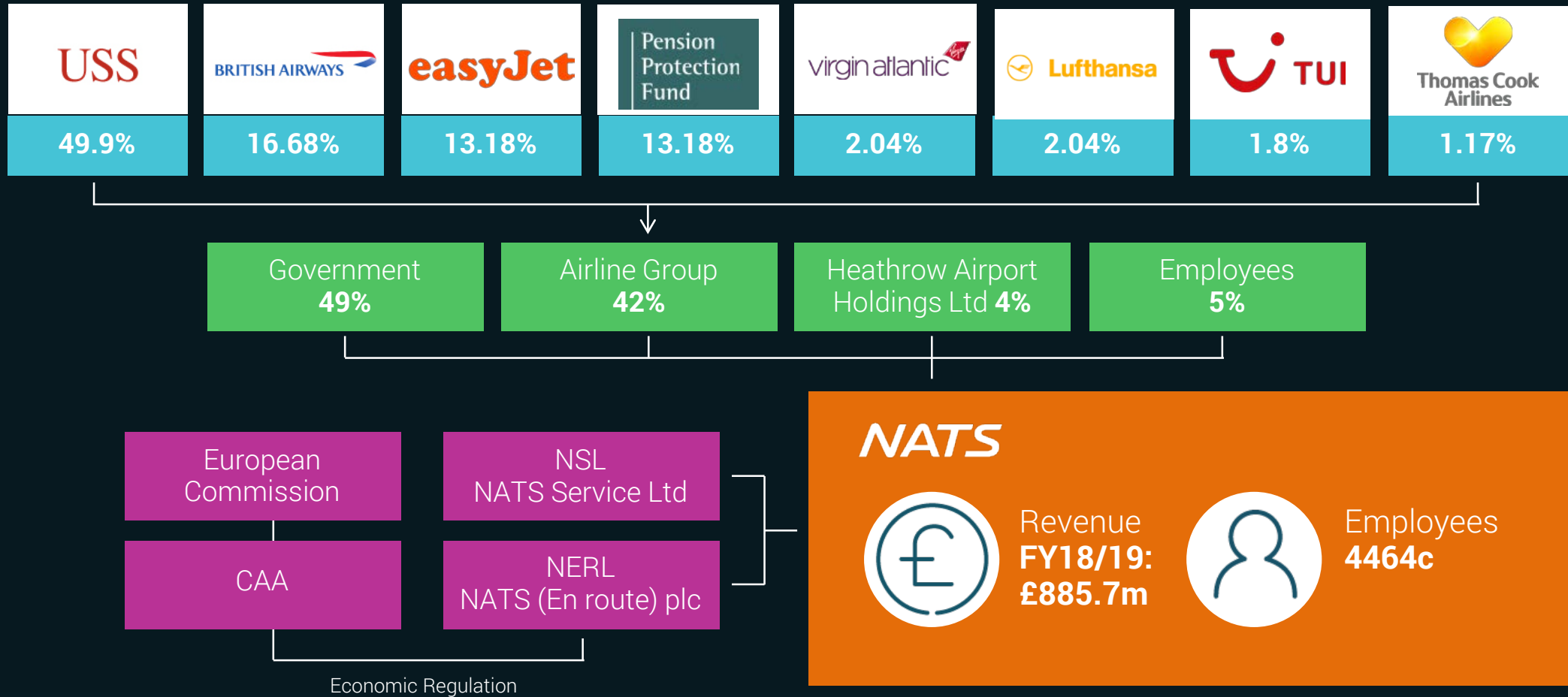


Simon Warr
Communications
Director



Rob Watkins
Technical Services
Director

Our structure



Thank you

NATS