

RAF Command and Control



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RAF Strategy



Our Purpose

To deliver Air and Space Power for the UK

Our Goal

Harness the full potential of our people, our aircraft and our systems

Our Strategy

Focus on our people. Deliver on operations. Grow our front-line.

Our Objectives

Succeed on Operations



Build a Workforce fit for the Future



Grow Capacity and Resilience



Deliver the Next Generation Air Force Capability



Operate Safely, Deliver Efficiently and Act Professionally



We will succeed through

Using the full talents of our people

Diversity and inclusion

Challenging requirements and constraints

Information, Integration and Innovation

Interoperability and collaboration

Identifying and exploiting opportunities

Demonstrating progress for our people

Our Culture

Professional, innovative, inherently joint and that values leadership and excellence
People who are trusted, agile, adaptable and capable

UK Air Command and Control Capability

HQ 11 Gp – Multi Domain Ops Group (2*)

1* areas:

Commitments
Air Battle Staff (ABS)
Space and BM



Cross Functional:

Information Warfare
Gp staff

NASOC

Immediate readiness 24/7
UK Air Defence
Global routine operations



ABS C2 units



JFAC

High Readiness Air C2 unit
UK contingent requirements
for national, bilateral, alliance
and coalition ops.

Multi domain operations

MDO Operations to conduct activities and generate effects across more than one domain, at the same time in an integrated manner

MDC2 C2 architecture that directs and enables the simultaneous conduct of multiple operations across more than one domain, in an integrated manner.

C2 Capability A dynamic and adaptive socio-technical system configured to design and execute joint action.

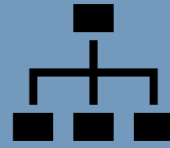
Functions of command and control



Provide Focus



Integrate and maximise



Individuals and Organisations



Achieve desired outcomes

Essential features of command and control



Shared awareness



Allocate resources
to achieve effects



Assess progress



Adjust plan

‘Information, Integration and Innovation’

Current State	Future State
Integrates air into Jt action	Accelerated making and acting on decisions Provide more valid options to commanders Save human capacity for critical decisions Increased resilience
Federated C2 nodes Manual involvement: Integration and assimilation of information Decision making Manual orders process	Single C2 enterprise (people, process, tech) Multiple redundancies (intelligent architecture) Automated/semi-automatic: Data collection and analysis Decision making (where suitable) Orders process
Fixed and deployable IT Stand-alone human generated product Command relationships by phase Decision & SA briefs Staff effort and focus	Scalable, multi-classification architecture Refined delegations and authorities Concurrent and flexible command relationships Information warfighting as a core competency Automated SA generation & display

Transformation Challenge

Awaiting new
capability – need
to maintain
current system



Relentless
improvement

‘Mind the
Gap’

Current capability
delivers output, but
needs improvements



Incremental
improvement bring
diminishing returns

Current system
architecture unable to
transition

Future command and control design



Persistently
integrated with NATO



ad hoc
coalitions



Full spectrum



Constant competition and
ops below threshold of war



Embraces
mission command



Transformative tech
and ideas



Embrace innovation
and creativity