



AF-CM-9500-001

Standard-to-Document Coverage Matrix

Space / Aviation / Defense

FIRST EDITION

AF 9500 SUPPORTING DOCUMENT

Document identity and use

FIRST EDITION MANUSCRIPT - Prepared for Aerospace Federation review

Field	Controlled identity
Document	AF-CM-9500-001 - Standard-to-Document Coverage Matrix
Parent standard	AF 9500 - Aerospace Digital Systems, Software & Cybersecurity
Edition / language	FIRST EDITION / English master text
Family	Foundation
Primary source anchors	0-40; Annexes A-T
Suggested local owner	Assurance and implementation lead
Authority	Publisher approval and effective date are not assigned. Local use requires authorized adoption and completed parameters.

Use with the main standard

This document implements the identified AF 9500 clauses and annexes. Read the complete applicable requirements in the main standard. The source anchors are navigation references; a template does not replace technical judgement, evidence, permission or eligible approval.

AF-ML-9500-001 lists the complete supporting set. AF-CM-9500-001 maps the main clauses and annexes to working documents. AF-TP-9500-001 establishes the common local parameter baseline; add the relevant discipline profiles.

Record control

Identify the object, configuration, record owner and dates. Reference attachments by stable identifier and version. Keep superseded evidence and decisions traceable. Use the approved local retention, access and authentication arrangements. No technical limit, numerical limit, interval or acceptance value is assigned by a blank template.

Implementation model: Translate the stated responsibilities and controls into the actual organization. Informative examples remain explanatory; use approved programme-specific values for operational decisions.

1 Coverage method and use

This matrix maps every numbered main subclause and annex subclause to a document route. It is a navigation and implementation aid, not a finding of compliance. Check every applicable condition in the cited source and retain actual evidence. Working documents may implement several related conditions.

Clauses 0-40 and Annexes A-N form the proposed normative text. Annexes O-T are informative. No completed status, approval or N/A decision is implied by a mapping.

0 Introduction and intended outcomes

Source anchor	Requirement / topic	Working document route
0.1	Digital assurance chain	AF-ML-9500-001; AF-IG-9500-001; AF-PL-9500-001
0.2	Distinct decisions	AF-ML-9500-001; AF-IG-9500-001; AF-PL-9500-001
0.3	Evidence and state	AF-ML-9500-001; AF-IG-9500-001; AF-PL-9500-001
0.4	Language and publication status	AF-ML-9500-001; AF-IG-9500-001; AF-PL-9500-001

1 Scope and lifecycle coverage

Source anchor	Requirement / topic	Working document route
1.1	Covered objects	AF-PR-9500-001; AF-FR-9500-001; AF-TP-9500-001; AF-CL-9500-001
1.2	Covered activities	AF-PR-9500-001; AF-FR-9500-001; AF-TP-9500-001; AF-CL-9500-001
1.3	Operational environments	AF-PR-9500-001; AF-FR-9500-001; AF-TP-9500-001; AF-CL-9500-001
1.4	Boundaries	AF-PR-9500-001; AF-FR-9500-001; AF-TP-9500-001; AF-CL-9500-001

2 Applicability, precedence and local parameters

Source anchor	Requirement / topic	Working document route
2.1	Activity selection	AF-PR-9500-001; AF-TP-9500-001; AF-CL-9500-001
2.2	Requirement precedence	AF-PR-9500-001; AF-TP-9500-001; AF-CL-9500-001
2.3	Mandatory parameter baseline	AF-PR-9500-001; AF-TP-9500-001; AF-CL-9500-001
2.4	Tailoring and equivalence	AF-PR-9500-001; AF-TP-9500-001; AF-CL-9500-001

3 Terms and interpretation

Source anchor	Requirement / topic	Working document route
3.1	Core terms	AF-IG-9500-001; AF-FAQ-9500-001
3.2	Identity and configuration	AF-IG-9500-001; AF-FAQ-9500-001
3.3	Decision states	AF-IG-9500-001; AF-FAQ-9500-001
3.4	Security properties	AF-IG-9500-001; AF-FAQ-9500-001

4 Governance, competence and retained authority

Source anchor	Requirement / topic	Working document route
4.1	Accountable roles	AF-PL-9500-001; AF-PR-9500-005; AF-FR-9500-005; AF-CL-9500-004
4.2	Independence and challenge	AF-PL-9500-001; AF-PR-9500-005; AF-FR-9500-005; AF-CL-9500-004
4.3	Competence and access	AF-PL-9500-001; AF-PR-9500-005; AF-FR-9500-005; AF-CL-9500-004
4.4	Integrity and reporting	AF-PL-9500-001; AF-PR-9500-005; AF-FR-9500-005; AF-CL-9500-004

5 System context, assets and consequence classification

Source anchor	Requirement / topic	Working document route
5.1	Context and boundaries	AF-PR-9500-001; AF-FR-9500-001; AF-RG-9500-001; AF-CL-9500-001; AF-WI-9500-001
5.2	Asset inventory	AF-PR-9500-001; AF-FR-9500-001; AF-RG-9500-001; AF-CL-9500-001; AF-WI-9500-001
5.3	Consequence and assurance depth	AF-PR-9500-001; AF-FR-9500-001; AF-RG-9500-001; AF-CL-9500-001; AF-WI-9500-001
5.4	Continuing validity	AF-PR-9500-001; AF-FR-9500-001; AF-RG-9500-001; AF-CL-9500-001; AF-WI-9500-001

6 Integrated safety, security and threat assessment

Source anchor	Requirement / topic	Working document route
6.1	Scenario construction	AF-PR-9500-002; AF-FR-9500-002; AF-RG-9500-003; AF-CL-9500-002
6.2	Protective-control consequences	AF-PR-9500-002; AF-FR-9500-002; AF-RG-9500-003; AF-CL-9500-002
6.3	Treatment and residual exposure	AF-PR-9500-002; AF-FR-9500-002; AF-RG-9500-003; AF-CL-9500-002
6.4	Reassessment	AF-PR-9500-002; AF-FR-9500-002; AF-RG-9500-003; AF-CL-9500-002

7 Requirements, interfaces and bidirectional traceability

Source anchor	Requirement / topic	Working document route
7.1	Requirement quality	AF-PR-9500-003; AF-FR-9500-003; AF-RG-9500-002; AF-CL-9500-003
7.2	Interface contracts	AF-PR-9500-003; AF-FR-9500-003; AF-RG-9500-002; AF-CL-9500-003
7.3	Trace relationships	AF-PR-9500-003; AF-FR-9500-003; AF-RG-9500-002; AF-CL-9500-003
7.4	Change propagation	AF-PR-9500-003; AF-FR-9500-003; AF-RG-9500-002; AF-CL-9500-003

8 Architecture, isolation and resilient behavior

Source anchor	Requirement / topic	Working document route
8.1	Allocation and boundaries	AF-PR-9500-004; AF-FR-9500-004; AF-RG-9500-003; AF-CL-9500-002
8.2	Common causes and independence	AF-PR-9500-004; AF-FR-9500-004; AF-RG-9500-003; AF-CL-9500-002
8.3	Degraded and protective modes	AF-PR-9500-004; AF-FR-9500-004; AF-RG-9500-003; AF-CL-9500-002
8.4	Verification of architecture	AF-PR-9500-004; AF-FR-9500-004; AF-RG-9500-003; AF-CL-9500-002

9 Lifecycle planning, reviews and independent assurance

Source anchor	Requirement / topic	Working document route
9.1	Integrated planning	AF-PR-9500-005; AF-FR-9500-005; AF-SC-9500-001; AF-CL-9500-004; AF-DM-9500-001
9.2	Review gates	AF-PR-9500-005; AF-FR-9500-005; AF-SC-9500-001; AF-CL-9500-004; AF-DM-9500-001
9.3	Verification independence	AF-PR-9500-005; AF-FR-9500-005; AF-SC-9500-001; AF-CL-9500-004; AF-DM-9500-001
9.4	Evidence continuity	AF-PR-9500-005; AF-FR-9500-005; AF-SC-9500-001; AF-CL-9500-004; AF-DM-9500-001

10 Suppliers, reusable software and dependency transparency

Source anchor	Requirement / topic	Working document route
10.1	Acquisition and retained duties	AF-PL-9500-002; AF-PR-9500-006; AF-FR-9500-006; AF-RG-9500-004; AF-TP-9500-009; AF-CL-9500-005; AF-WI-9500-002
10.2	Component and dependency records	AF-PL-9500-002; AF-PR-9500-006; AF-FR-9500-006; AF-RG-9500-004; AF-TP-9500-009; AF-CL-9500-005; AF-WI-9500-002
10.3	Suitability and vulnerability context	AF-PL-9500-002; AF-PR-9500-006; AF-FR-9500-006; AF-RG-9500-004; AF-TP-9500-009; AF-CL-9500-005; AF-WI-9500-002
10.4	Supplier change and continuity	AF-PL-9500-002; AF-PR-9500-006; AF-FR-9500-006; AF-RG-9500-004; AF-TP-9500-009; AF-CL-9500-005; AF-WI-9500-002

11 Configuration, baseline and change control

Source anchor	Requirement / topic	Working document route
11.1	Controlled configuration items	AF-PR-9500-007; AF-FR-9500-007; AF-RG-9500-005; AF-CL-9500-006; AF-WI-9500-001
11.2	Change assessment	AF-PR-9500-007; AF-FR-9500-007; AF-RG-9500-005; AF-CL-9500-006; AF-WI-9500-001
11.3	Integrity and access	AF-PR-9500-007; AF-FR-9500-007; AF-RG-9500-005; AF-CL-9500-006; AF-WI-9500-001
11.4	Deployment reconciliation	AF-PR-9500-007; AF-FR-9500-007; AF-RG-9500-005; AF-CL-9500-006; AF-WI-9500-001

12 Software design, implementation and code review

Source anchor	Requirement / topic	Working document route
12.1	Design and implementation rules	AF-PR-9500-008; AF-FR-9500-008; AF-RG-9500-007; AF-CL-9500-007; AF-WI-9500-004; AF-DM-9500-001
12.2	Defensive behavior	AF-PR-9500-008; AF-FR-9500-008; AF-RG-9500-007; AF-CL-9500-007; AF-WI-9500-004; AF-DM-9500-001
12.3	Review and analysis	AF-PR-9500-008; AF-FR-9500-008; AF-RG-9500-007; AF-CL-9500-007; AF-WI-9500-004; AF-DM-9500-001
12.4	Defects and technical debt	AF-PR-9500-008; AF-FR-9500-008; AF-RG-9500-007; AF-CL-9500-007; AF-WI-9500-004; AF-DM-9500-001

13 Build environments, delivery pipelines and artifact provenance

Source anchor	Requirement / topic	Working document route
13.1	Protected build context	AF-PL-9500-002; AF-PR-9500-009; AF-FR-9500-009; AF-TP-9500-010; AF-CL-9500-008; AF-WI-9500-003
13.2	Provenance and reproducibility	AF-PL-9500-002; AF-PR-9500-009; AF-FR-9500-009; AF-TP-9500-010; AF-CL-9500-008; AF-WI-9500-003
13.3	Gate and signing control	AF-PL-9500-002; AF-PR-9500-009; AF-FR-9500-009; AF-TP-9500-010; AF-CL-9500-008; AF-WI-9500-003
13.4	Pipeline incidents and recovery	AF-PL-9500-002; AF-PR-9500-009; AF-FR-9500-009; AF-TP-9500-010; AF-CL-9500-008; AF-WI-9500-003

14 Tool assurance, models and formal methods

Source anchor	Requirement / topic	Working document route
14.1	Intended-use evaluation	AF-PR-9500-010; AF-FR-9500-010; AF-RG-9500-006; AF-TP-9500-010; AF-CL-9500-009; AF-SC-9500-003
14.2	Demonstration and continuing control	AF-PR-9500-010; AF-FR-9500-010; AF-RG-9500-006; AF-TP-9500-010; AF-CL-9500-009; AF-SC-9500-003
14.3	Models and formal arguments	AF-PR-9500-010; AF-FR-9500-010; AF-RG-9500-006; AF-TP-9500-010; AF-CL-9500-009; AF-SC-9500-003
14.4	Tool failure and fallback	AF-PR-9500-010; AF-FR-9500-010; AF-RG-9500-006; AF-TP-9500-010; AF-CL-9500-009; AF-SC-9500-003

15 Verification and validation strategy

Source anchor	Requirement / topic	Working document route
15.1	Planned evidence	AF-PR-9500-011; AF-FR-9500-011; AF-CL-9500-010; AF-WI-9500-005
15.2	Representative environments	AF-PR-9500-011; AF-FR-9500-011; AF-CL-9500-010; AF-WI-9500-005
15.3	Authorized security examination	AF-PR-9500-011; AF-FR-9500-011; AF-CL-9500-010; AF-WI-9500-005
15.4	Evidence validity	AF-PR-9500-011; AF-FR-9500-011; AF-CL-9500-010; AF-WI-9500-005

16 Coverage, test data and anomaly disposition

Source anchor	Requirement / topic	Working document route
16.1	Coverage measures	AF-PR-9500-012; AF-FR-9500-012; AF-RG-9500-007; AF-CL-9500-010; AF-TR-9500-001
16.2	Test-data integrity	AF-PR-9500-012; AF-FR-9500-012; AF-RG-9500-007; AF-CL-9500-010; AF-TR-9500-001
16.3	Anomalies and retest	AF-PR-9500-012; AF-FR-9500-012; AF-RG-9500-007; AF-CL-9500-010; AF-TR-9500-001
16.4	Closure and reporting	AF-PR-9500-012; AF-FR-9500-012; AF-RG-9500-007; AF-CL-9500-010; AF-TR-9500-001

17 Timing, concurrency and resource integrity

Source anchor	Requirement / topic	Working document route
17.1	Budgets and assumptions	AF-PR-9500-013; AF-FR-9500-013; AF-TP-9500-011; AF-CL-9500-011; AF-TR-9500-001
17.2	Concurrency and state	AF-PR-9500-013; AF-FR-9500-013; AF-TP-9500-011; AF-CL-9500-011; AF-TR-9500-001
17.3	Exhaustion and interference	AF-PR-9500-013; AF-FR-9500-013; AF-TP-9500-011; AF-CL-9500-011; AF-TR-9500-001
17.4	Evidence and margins	AF-PR-9500-013; AF-FR-9500-013; AF-TP-9500-011; AF-CL-9500-011; AF-TR-9500-001

18 Identity, authentication and privileged access

Source anchor	Requirement / topic	Working document route
18.1	Identity lifecycle	AF-PL-9500-003; AF-PR-9500-014; AF-FR-9500-014; AF-RG-9500-008; AF-TP-9500-008; AF-CL-9500-012; AF-WI-9500-006; AF-SC-9500-002
18.2	Authorization and privilege	AF-PL-9500-003; AF-PR-9500-014; AF-FR-9500-014; AF-RG-9500-008; AF-TP-9500-008; AF-CL-9500-012; AF-WI-9500-006; AF-SC-9500-002
18.3	Offline and emergency operation	AF-PL-9500-003; AF-PR-9500-014; AF-FR-9500-014; AF-RG-9500-008; AF-TP-9500-008; AF-CL-9500-012; AF-WI-9500-006; AF-SC-9500-002
18.4	Review and evidence	AF-PL-9500-003; AF-PR-9500-014; AF-FR-9500-014; AF-RG-9500-008; AF-TP-9500-008; AF-CL-9500-012; AF-WI-9500-006; AF-SC-9500-002

19 Cryptography, key lifecycle and trust services

Source anchor	Requirement / topic	Working document route
19.1	Approved cryptographic profile	AF-PL-9500-003; AF-PR-9500-015; AF-FR-9500-015; AF-RG-9500-008; AF-TP-9500-008; AF-CL-9500-012; AF-WI-9500-007; AF-SC-9500-002
19.2	Keys and secrets	AF-PL-9500-003; AF-PR-9500-015; AF-FR-9500-015; AF-RG-9500-008; AF-TP-9500-008; AF-CL-9500-012; AF-WI-9500-007; AF-SC-9500-002
19.3	Trust and compromise	AF-PL-9500-003; AF-PR-9500-015; AF-FR-9500-015; AF-RG-9500-008; AF-TP-9500-008; AF-CL-9500-012; AF-WI-9500-007; AF-SC-9500-002
19.4	Agility and transition	AF-PL-9500-003; AF-PR-9500-015; AF-FR-9500-015; AF-RG-9500-008; AF-TP-9500-008; AF-CL-9500-012; AF-WI-9500-007; AF-SC-9500-002

20 Data integrity, privacy and information handling

Source anchor	Requirement / topic	Working document route
20.1	Data purpose and ownership	AF-PL-9500-003; AF-PR-9500-016; AF-FR-9500-016; AF-TP-9500-013; AF-CL-9500-013
20.2	Integrity and transformation	AF-PL-9500-003; AF-PR-9500-016; AF-FR-9500-016; AF-TP-9500-013; AF-CL-9500-013
20.3	Privacy and controlled disclosure	AF-PL-9500-003; AF-PR-9500-016; AF-FR-9500-016; AF-TP-9500-013; AF-CL-9500-013
20.4	Retention and recovery	AF-PL-9500-003; AF-PR-9500-016; AF-FR-9500-016; AF-TP-9500-013; AF-CL-9500-013

21 Communications, interfaces and distributed-system behavior

Source anchor	Requirement / topic	Working document route
21.1	Communication contract	AF-PR-9500-017; AF-FR-9500-017; AF-TP-9500-012; AF-CL-9500-014
21.2	Freshness and distributed state	AF-PR-9500-017; AF-FR-9500-017; AF-TP-9500-012; AF-CL-9500-014
21.3	Boundary controls and capacity	AF-PR-9500-017; AF-FR-9500-017; AF-TP-9500-012; AF-CL-9500-014
21.4	Verification and monitoring	AF-PR-9500-017; AF-FR-9500-017; AF-TP-9500-012; AF-CL-9500-014

22 Platform, firmware and hardware-rooted trust

Source anchor	Requirement / topic	Working document route
22.1	Platform baseline	AF-PR-9500-017; AF-FR-9500-017; AF-TP-9500-007; AF-CL-9500-014
22.2	Boot and execution integrity	AF-PR-9500-017; AF-FR-9500-017; AF-TP-9500-007; AF-CL-9500-014
22.3	Isolation and physical conditions	AF-PR-9500-017; AF-FR-9500-017; AF-TP-9500-007; AF-CL-9500-014
22.4	Change and recovery	AF-PR-9500-017; AF-FR-9500-017; AF-TP-9500-007; AF-CL-9500-014

23 Cloud services, virtualization and shared infrastructure

Source anchor	Requirement / topic	Working document route
23.1	Responsibility and service boundaries	AF-PR-9500-018; AF-FR-9500-018; AF-TP-9500-005; AF-CL-9500-015; AF-OM-9500-001
23.2	Isolation and management planes	AF-PR-9500-018; AF-FR-9500-018; AF-TP-9500-005; AF-CL-9500-015; AF-OM-9500-001
23.3	Availability and exit	AF-PR-9500-018; AF-FR-9500-018; AF-TP-9500-005; AF-CL-9500-015; AF-OM-9500-001
23.4	Continuous configuration assurance	AF-PR-9500-018; AF-FR-9500-018; AF-TP-9500-005; AF-CL-9500-015; AF-OM-9500-001

24 Industrial, test and maintenance digital environments

Source anchor	Requirement / topic	Working document route
24.1	Operational context	AF-PR-9500-018; AF-FR-9500-018; AF-TP-9500-006; AF-CL-9500-015; AF-OM-9500-001
24.2	Segregation and access	AF-PR-9500-018; AF-FR-9500-018; AF-TP-9500-006; AF-CL-9500-015; AF-OM-9500-001
24.3	Production and test integrity	AF-PR-9500-018; AF-FR-9500-018; AF-TP-9500-006; AF-CL-9500-015; AF-OM-9500-001
24.4	Safe maintenance and recovery	AF-PR-9500-018; AF-FR-9500-018; AF-TP-9500-006; AF-CL-9500-015; AF-OM-9500-001

25 Airborne and aviation ground-system integration

Source anchor	Requirement / topic	Working document route
25.1	Integrated scope	AF-PR-9500-019; AF-FR-9500-019; AF-TP-9500-003; AF-CL-9500-016; AF-HB-9500-001
25.2	Connectivity and control authority	AF-PR-9500-019; AF-FR-9500-019; AF-TP-9500-003; AF-CL-9500-016; AF-HB-9500-001
25.3	Operational changes and human interaction	AF-PR-9500-019; AF-FR-9500-019; AF-TP-9500-003; AF-CL-9500-016; AF-HB-9500-001
25.4	Continuing assurance	AF-PR-9500-019; AF-FR-9500-019; AF-TP-9500-003; AF-CL-9500-016; AF-HB-9500-001

26 Space, remote mission and intermittent-link systems

Source anchor	Requirement / topic	Working document route
26.1	Mission and segment model	AF-PR-9500-019; AF-FR-9500-019; AF-TP-9500-004; AF-CL-9500-016; AF-HB-9500-001
26.2	Command integrity and autonomy	AF-PR-9500-019; AF-FR-9500-019; AF-TP-9500-004; AF-CL-9500-016; AF-HB-9500-001
26.3	Update and recovery feasibility	AF-PR-9500-019; AF-FR-9500-019; AF-TP-9500-004; AF-CL-9500-016; AF-HB-9500-001
26.4	Mission continuity and evidence	AF-PR-9500-019; AF-FR-9500-019; AF-TP-9500-004; AF-CL-9500-016; AF-HB-9500-001

27 Machine learning, trained models and adaptive functions

Source anchor	Requirement / topic	Working document route
27.1	Intended use and operational boundary	AF-PL-9500-005; AF-PR-9500-020; AF-FR-9500-020; AF-RG-9500-012; AF-TP-9500-014; AF-CL-9500-017; AF-HB-9500-002
27.2	Data and model provenance	AF-PL-9500-005; AF-PR-9500-020; AF-FR-9500-020; AF-RG-9500-012; AF-TP-9500-014; AF-CL-9500-017; AF-HB-9500-002
27.3	Evaluation and safeguards	AF-PL-9500-005; AF-PR-9500-020; AF-FR-9500-020; AF-RG-9500-012; AF-TP-9500-014; AF-CL-9500-017; AF-HB-9500-002
27.4	Change and operation	AF-PL-9500-005; AF-PR-9500-020; AF-FR-9500-020; AF-RG-9500-012; AF-TP-9500-014; AF-CL-9500-017; AF-HB-9500-002

28 AI-assisted development and agentic tools

Source anchor	Requirement / topic	Working document route
28.1	Authorized assistance	AF-PL-9500-005; AF-PR-9500-021; AF-FR-9500-021; AF-RG-9500-012; AF-TP-9500-015; AF-CL-9500-018; AF-HB-9500-002
28.2	Data and instruction boundaries	AF-PL-9500-005; AF-PR-9500-021; AF-FR-9500-021; AF-RG-9500-012; AF-TP-9500-015; AF-CL-9500-018; AF-HB-9500-002
28.3	Review and independent evidence	AF-PL-9500-005; AF-PR-9500-021; AF-FR-9500-021; AF-RG-9500-012; AF-TP-9500-015; AF-CL-9500-018; AF-HB-9500-002
28.4	Autonomous actions and recovery	AF-PL-9500-005; AF-PR-9500-021; AF-FR-9500-021; AF-RG-9500-012; AF-TP-9500-015; AF-CL-9500-018; AF-HB-9500-002

29 Hardening, secure configuration and deployment readiness

Source anchor	Requirement / topic	Working document route
29.1	Approved deployment profile	AF-PR-9500-022; AF-FR-9500-022; AF-RG-9500-011; AF-CL-9500-019; AF-WI-9500-008
29.2	Readiness and target identity	AF-PR-9500-022; AF-FR-9500-022; AF-RG-9500-011; AF-CL-9500-019; AF-WI-9500-008
29.3	Commissioning and drift	AF-PR-9500-022; AF-FR-9500-022; AF-RG-9500-011; AF-CL-9500-019; AF-WI-9500-008
29.4	Handover	AF-PR-9500-022; AF-FR-9500-022; AF-RG-9500-011; AF-CL-9500-019; AF-WI-9500-008

30 Updates, offline delivery and rollback control

Source anchor	Requirement / topic	Working document route
30.1	Update package and authority	AF-PL-9500-004; AF-PR-9500-023; AF-FR-9500-023; AF-RG-9500-011; AF-SC-9500-004; AF-CL-9500-020; AF-WI-9500-009
30.2	Activation and interruption	AF-PL-9500-004; AF-PR-9500-023; AF-FR-9500-023; AF-RG-9500-011; AF-SC-9500-004; AF-CL-9500-020; AF-WI-9500-009
30.3	Rollback and anti-rollback	AF-PL-9500-004; AF-PR-9500-023; AF-FR-9500-023; AF-RG-9500-011; AF-SC-9500-004; AF-CL-9500-020; AF-WI-9500-009
30.4	Fleet rollout and confirmation	AF-PL-9500-004; AF-PR-9500-023; AF-FR-9500-023; AF-RG-9500-011; AF-SC-9500-004; AF-CL-9500-020; AF-WI-9500-009

31 Logging, detection and operational monitoring

Source anchor	Requirement / topic	Working document route
31.1	Monitoring objectives	AF-PR-9500-024; AF-FR-9500-024; AF-TP-9500-013; AF-CL-9500-021; AF-WI-9500-010; AF-TR-9500-001
31.2	Event integrity and time	AF-PR-9500-024; AF-FR-9500-024; AF-TP-9500-013; AF-CL-9500-021; AF-WI-9500-010; AF-TR-9500-001
31.3	Detection validation	AF-PR-9500-024; AF-FR-9500-024; AF-TP-9500-013; AF-CL-9500-021; AF-WI-9500-010; AF-TR-9500-001
31.4	Response and capacity	AF-PR-9500-024; AF-FR-9500-024; AF-TP-9500-013; AF-CL-9500-021; AF-WI-9500-010; AF-TR-9500-001

32 Vulnerability intake, applicability and remediation

Source anchor	Requirement / topic	Working document route
32.1	Intake and coordination	AF-PR-9500-025; AF-FR-9500-025; AF-RG-9500-009; AF-RG-9500-013; AF-SC-9500-004; AF-CL-9500-022; AF-WI-9500-011
32.2	Applicability and priority	AF-PR-9500-025; AF-FR-9500-025; AF-RG-9500-009; AF-RG-9500-013; AF-SC-9500-004; AF-CL-9500-022; AF-WI-9500-011
32.3	Treatment and deadlines	AF-PR-9500-025; AF-FR-9500-025; AF-RG-9500-009; AF-RG-9500-013; AF-SC-9500-004; AF-CL-9500-022; AF-WI-9500-011
32.4	Verified closure	AF-PR-9500-025; AF-FR-9500-025; AF-RG-9500-009; AF-RG-9500-013; AF-SC-9500-004; AF-CL-9500-022; AF-WI-9500-011

33 Incident response, evidence preservation and communication

Source anchor	Requirement / topic	Working document route
33.1	Preparation and authority	AF-PL-9500-004; AF-PR-9500-026; AF-FR-9500-026; AF-RG-9500-010; AF-TP-9500-018; AF-CL-9500-022; AF-WI-9500-012
33.2	Detection, assessment and containment	AF-PL-9500-004; AF-PR-9500-026; AF-FR-9500-026; AF-RG-9500-010; AF-TP-9500-018; AF-CL-9500-022; AF-WI-9500-012
33.3	Evidence and notification	AF-PL-9500-004; AF-PR-9500-026; AF-FR-9500-026; AF-RG-9500-010; AF-TP-9500-018; AF-CL-9500-022; AF-WI-9500-012
33.4	Eradication, recovery and lessons	AF-PL-9500-004; AF-PR-9500-026; AF-FR-9500-026; AF-RG-9500-010; AF-TP-9500-018; AF-CL-9500-022; AF-WI-9500-012

34 Backup, recovery and operational continuity

Source anchor	Requirement / topic	Working document route
34.1	Recovery requirements	AF-PL-9500-004; AF-PR-9500-027; AF-FR-9500-027; AF-TP-9500-018; AF-SC-9500-005; AF-CL-9500-023; AF-WI-9500-013
34.2	Protected recovery assets	AF-PL-9500-004; AF-PR-9500-027; AF-FR-9500-027; AF-TP-9500-018; AF-SC-9500-005; AF-CL-9500-023; AF-WI-9500-013
34.3	Demonstrated restoration	AF-PL-9500-004; AF-PR-9500-027; AF-FR-9500-027; AF-TP-9500-018; AF-SC-9500-005; AF-CL-9500-023; AF-WI-9500-013
34.4	Reconciliation and continuity	AF-PL-9500-004; AF-PR-9500-027; AF-FR-9500-027; AF-TP-9500-018; AF-SC-9500-005; AF-CL-9500-023; AF-WI-9500-013

35 Human interfaces, remote support and operational competence

Source anchor	Requirement / topic	Working document route
35.1	Human-system interaction	AF-PR-9500-005; AF-FR-9500-005; AF-TP-9500-016; AF-CL-9500-023; AF-OM-9500-001
35.2	Remote and maintenance support	AF-PR-9500-005; AF-FR-9500-005; AF-TP-9500-016; AF-CL-9500-023; AF-OM-9500-001
35.3	Training and exercises	AF-PR-9500-005; AF-FR-9500-005; AF-TP-9500-016; AF-CL-9500-023; AF-OM-9500-001
35.4	Handover and fatigue-sensitive work	AF-PR-9500-005; AF-FR-9500-005; AF-TP-9500-016; AF-CL-9500-023; AF-OM-9500-001

36 Assurance case, release and truthful claims

Source anchor	Requirement / topic	Working document route
36.1	Structured assurance argument	AF-PL-9500-001; AF-PL-9500-005; AF-PR-9500-028; AF-FR-9500-028; AF-RG-9500-014; AF-CL-9500-024
36.2	Release prerequisites	AF-PL-9500-001; AF-PL-9500-005; AF-PR-9500-028; AF-FR-9500-028; AF-RG-9500-014; AF-CL-9500-024
36.3	Declaration and operational handoff	AF-PL-9500-001; AF-PL-9500-005; AF-PR-9500-028; AF-FR-9500-028; AF-RG-9500-014; AF-CL-9500-024
36.4	Amendment and withdrawal	AF-PL-9500-001; AF-PL-9500-005; AF-PR-9500-028; AF-FR-9500-028; AF-RG-9500-014; AF-CL-9500-024

37 Legacy systems, obsolescence and continuing support

Source anchor	Requirement / topic	Working document route
37.1	Legacy baseline	AF-PR-9500-028; AF-FR-9500-028; AF-RG-9500-013; AF-TP-9500-017; AF-SC-9500-007; AF-CL-9500-024
37.2	Compensating controls	AF-PR-9500-028; AF-FR-9500-028; AF-RG-9500-013; AF-TP-9500-017; AF-SC-9500-007; AF-CL-9500-024
37.3	Support and transition	AF-PR-9500-028; AF-FR-9500-028; AF-RG-9500-013; AF-TP-9500-017; AF-SC-9500-007; AF-CL-9500-024
37.4	Continued-use decisions	AF-PR-9500-028; AF-FR-9500-028; AF-RG-9500-013; AF-TP-9500-017; AF-SC-9500-007; AF-CL-9500-024

38 Retirement, transfer and secure disposal

Source anchor	Requirement / topic	Working document route
38.1	Retirement plan	AF-PR-9500-029; AF-FR-9500-029; AF-RG-9500-015; AF-SC-9500-007; AF-CL-9500-024; AF-WI-9500-014
38.2	Access and trust termination	AF-PR-9500-029; AF-FR-9500-029; AF-RG-9500-015; AF-SC-9500-007; AF-CL-9500-024; AF-WI-9500-014
38.3	Data and evidence disposition	AF-PR-9500-029; AF-FR-9500-029; AF-RG-9500-015; AF-SC-9500-007; AF-CL-9500-024; AF-WI-9500-014
38.4	Closure and residual dependencies	AF-PR-9500-029; AF-FR-9500-029; AF-RG-9500-015; AF-SC-9500-007; AF-CL-9500-024; AF-WI-9500-014

39 Assurance reviews, metrics and evidence continuity

Source anchor	Requirement / topic	Working document route
39.1	Risk-based examination	AF-PR-9500-030; AF-FR-9500-030; AF-SC-9500-006; AF-CL-9500-024
39.2	Findings and corrective action	AF-PR-9500-030; AF-FR-9500-030; AF-SC-9500-006; AF-CL-9500-024
39.3	Metrics and management decisions	AF-PR-9500-030; AF-FR-9500-030; AF-SC-9500-006; AF-CL-9500-024
39.4	Records and recovery	AF-PR-9500-030; AF-FR-9500-030; AF-SC-9500-006; AF-CL-9500-024

40 Publication, local adoption and maintenance

Source anchor	Requirement / topic	Working document route
40.1	Publication authority	AF-PR-9500-030; AF-FR-9500-030; AF-ML-9500-001; AF-CL-9500-024
40.2	Local adoption	AF-PR-9500-030; AF-FR-9500-030; AF-ML-9500-001; AF-CL-9500-024
40.3	Interpretation and change	AF-PR-9500-030; AF-FR-9500-030; AF-ML-9500-001; AF-CL-9500-024
40.4	Set coherence	AF-PR-9500-030; AF-FR-9500-030; AF-ML-9500-001; AF-CL-9500-024

Annex A - Activity-based applicability and retained duties

Source anchor	Requirement / topic	Working document route
A.1	Selection method	AF-PR-9500-001; AF-FR-9500-001; AF-TP-9500-001; AF-CL-9500-001
A.2	Responsibility closure	AF-PR-9500-001; AF-FR-9500-001; AF-TP-9500-001; AF-CL-9500-001
A.3	Non-applicability and reassessment	AF-PR-9500-001; AF-FR-9500-001; AF-TP-9500-001; AF-CL-9500-001

Annex B - Mandatory parameter baseline and common record payload

Source anchor	Requirement / topic	Working document route
B.1	Parameter schedule	AF-PR-9500-001; AF-TP-9500-001; AF-CL-9500-001
B.2	Common record payload	AF-PR-9500-001; AF-TP-9500-001; AF-CL-9500-001
B.3	Cross-record consistency	AF-PR-9500-001; AF-TP-9500-001; AF-CL-9500-001

Annex C - Context, classification and integrated risk dossier

Source anchor	Requirement / topic	Working document route
C.1	Context model	AF-PR-9500-002; AF-FR-9500-002; AF-RG-9500-003; AF-CL-9500-002; AF-PR-9500-004; AF-FR-9500-004
C.2	Scenario record	AF-PR-9500-002; AF-FR-9500-002; AF-RG-9500-003; AF-CL-9500-002; AF-PR-9500-004; AF-FR-9500-004
C.3	Safety-security reconciliation	AF-PR-9500-002; AF-FR-9500-002; AF-RG-9500-003; AF-CL-9500-002; AF-PR-9500-004; AF-FR-9500-004
C.4	Assurance assignment	AF-PR-9500-002; AF-FR-9500-002; AF-RG-9500-003; AF-CL-9500-002; AF-PR-9500-004; AF-FR-9500-004

Annex D - Requirements, interfaces and traceability payload

Source anchor	Requirement / topic	Working document route
D.1	Requirement record	AF-PR-9500-003; AF-FR-9500-003; AF-RG-9500-002; AF-CL-9500-003
D.2	Trace row	AF-PR-9500-003; AF-FR-9500-003; AF-RG-9500-002; AF-CL-9500-003
D.3	Interface record	AF-PR-9500-003; AF-FR-9500-003; AF-RG-9500-002; AF-CL-9500-003
D.4	Coverage reconciliation	AF-PR-9500-003; AF-FR-9500-003; AF-RG-9500-002; AF-CL-9500-003

Annex E - Supply, dependency and provenance dossier

Source anchor	Requirement / topic	Working document route
E.1	Supplier agreement	AF-PL-9500-002; AF-PR-9500-006; AF-FR-9500-006; AF-RG-9500-004; AF-TP-9500-009; AF-CL-9500-005; AF-WI-9500-002; AF-PR-9500-009; AF-FR-9500-009; AF-CL-9500-008
E.2	Dependency inventory	AF-PL-9500-002; AF-PR-9500-006; AF-FR-9500-006; AF-RG-9500-004; AF-TP-9500-009; AF-CL-9500-005; AF-WI-9500-002; AF-PR-9500-009; AF-FR-9500-009; AF-CL-9500-008
E.3	Build record	AF-PL-9500-002; AF-PR-9500-006; AF-FR-9500-006; AF-RG-9500-004; AF-TP-9500-009; AF-CL-9500-005; AF-WI-9500-002; AF-PR-9500-009; AF-FR-9500-009; AF-CL-9500-008
E.4	Applicability and affected outputs	AF-PL-9500-002; AF-PR-9500-006; AF-FR-9500-006; AF-RG-9500-004; AF-TP-9500-009; AF-CL-9500-005; AF-WI-9500-002; AF-PR-9500-009; AF-FR-9500-009; AF-CL-9500-008

Annex F - Verification, tool and anomaly evidence

Source anchor	Requirement / topic	Working document route
F.1	Method and tool basis	AF-PR-9500-011; AF-FR-9500-011; AF-CL-9500-010; AF-WI-9500-005; AF-PR-9500-010; AF-FR-9500-010; AF-PR-9500-012; AF-FR-9500-012; AF-CL-9500-009
F.2	Execution record	AF-PR-9500-011; AF-FR-9500-011; AF-CL-9500-010; AF-WI-9500-005; AF-PR-9500-010; AF-FR-9500-010; AF-PR-9500-012; AF-FR-9500-012; AF-CL-9500-009
F.3	Anomaly disposition	AF-PR-9500-011; AF-FR-9500-011; AF-CL-9500-010; AF-WI-9500-005; AF-PR-9500-010; AF-FR-9500-010; AF-PR-9500-012; AF-FR-9500-012; AF-CL-9500-009
F.4	Conclusion	AF-PR-9500-011; AF-FR-9500-011; AF-CL-9500-010; AF-WI-9500-005; AF-PR-9500-010; AF-FR-9500-010; AF-PR-9500-012; AF-FR-9500-012; AF-CL-9500-009

Annex G - Identity, cryptography and trust-control records

Source anchor	Requirement / topic	Working document route
G.1	Identity and privilege record	AF-PL-9500-003; AF-PR-9500-015; AF-FR-9500-015; AF-RG-9500-008; AF-TP-9500-008; AF-CL-9500-012; AF-WI-9500-007; AF-SC-9500-002; AF-PR-9500-014; AF-FR-9500-014; AF-WI-9500-006
G.2	Key and trust inventory	AF-PL-9500-003; AF-PR-9500-015; AF-FR-9500-015; AF-RG-9500-008; AF-TP-9500-008; AF-CL-9500-012; AF-WI-9500-007; AF-SC-9500-002; AF-PR-9500-014; AF-FR-9500-014; AF-WI-9500-006
G.3	Emergency and offline use	AF-PL-9500-003; AF-PR-9500-015; AF-FR-9500-015; AF-RG-9500-008; AF-TP-9500-008; AF-CL-9500-012; AF-WI-9500-007; AF-SC-9500-002; AF-PR-9500-014; AF-FR-9500-014; AF-WI-9500-006
G.4	Compromise and migration	AF-PL-9500-003; AF-PR-9500-015; AF-FR-9500-015; AF-RG-9500-008; AF-TP-9500-008; AF-CL-9500-012; AF-WI-9500-007; AF-SC-9500-002; AF-PR-9500-014; AF-FR-9500-014; AF-WI-9500-006

Annex H - Deployment, update and rollback dossier

Source anchor	Requirement / topic	Working document route
H.1	Deployment baseline	AF-PL-9500-004; AF-PR-9500-023; AF-FR-9500-023; AF-RG-9500-011; AF-SC-9500-004; AF-CL-9500-020; AF-WI-9500-009; AF-PR-9500-022; AF-FR-9500-022; AF-CL-9500-019
H.2	Update transition matrix	AF-PL-9500-004; AF-PR-9500-023; AF-FR-9500-023; AF-RG-9500-011; AF-SC-9500-004; AF-CL-9500-020; AF-WI-9500-009; AF-PR-9500-022; AF-FR-9500-022; AF-CL-9500-019
H.3	Interruption and rollback	AF-PL-9500-004; AF-PR-9500-023; AF-FR-9500-023; AF-RG-9500-011; AF-SC-9500-004; AF-CL-9500-020; AF-WI-9500-009; AF-PR-9500-022; AF-FR-9500-022; AF-CL-9500-019
H.4	Fleet reconciliation	AF-PL-9500-004; AF-PR-9500-023; AF-FR-9500-023; AF-RG-9500-011; AF-SC-9500-004; AF-CL-9500-020; AF-WI-9500-009; AF-PR-9500-022; AF-FR-9500-022; AF-CL-9500-019

Annex I - Monitoring, vulnerability and incident records

Source anchor	Requirement / topic	Working document route
I.1	Monitoring and detection	AF-PL-9500-004; AF-PR-9500-026; AF-FR-9500-026; AF-RG-9500-010; AF-TP-9500-018; AF-CL-9500-022; AF-WI-9500-012; AF-PR-9500-024; AF-FR-9500-024; AF-PR-9500-025; AF-FR-9500-025; AF-RG-9500-009
I.2	Vulnerability assessment	AF-PL-9500-004; AF-PR-9500-026; AF-FR-9500-026; AF-RG-9500-010; AF-TP-9500-018; AF-CL-9500-022; AF-WI-9500-012; AF-PR-9500-024; AF-FR-9500-024; AF-PR-9500-025; AF-FR-9500-025; AF-RG-9500-009
I.3	Incident chronology	AF-PL-9500-004; AF-PR-9500-026; AF-FR-9500-026; AF-RG-9500-010; AF-TP-9500-018; AF-CL-9500-022; AF-WI-9500-012; AF-PR-9500-024; AF-FR-9500-024; AF-PR-9500-025; AF-FR-9500-025; AF-RG-9500-009
I.4	Closure and learning	AF-PL-9500-004; AF-PR-9500-026; AF-FR-9500-026; AF-RG-9500-010; AF-TP-9500-018; AF-CL-9500-022; AF-WI-9500-012; AF-PR-9500-024; AF-FR-9500-024; AF-PR-9500-025; AF-FR-9500-025; AF-RG-9500-009

Annex J - Recovery, continuity and state reconciliation

Source anchor	Requirement / topic	Working document route
J.1	Recovery basis	AF-PL-9500-004; AF-PR-9500-027; AF-FR-9500-027; AF-TP-9500-018; AF-SC-9500-005; AF-CL-9500-023; AF-WI-9500-013
J.2	Recovery exercise	AF-PL-9500-004; AF-PR-9500-027; AF-FR-9500-027; AF-TP-9500-018; AF-SC-9500-005; AF-CL-9500-023; AF-WI-9500-013
J.3	Semantic reconciliation	AF-PL-9500-004; AF-PR-9500-027; AF-FR-9500-027; AF-TP-9500-018; AF-SC-9500-005; AF-CL-9500-023; AF-WI-9500-013
J.4	Return to service	AF-PL-9500-004; AF-PR-9500-027; AF-FR-9500-027; AF-TP-9500-018; AF-SC-9500-005; AF-CL-9500-023; AF-WI-9500-013

Annex K - Machine-learning and AI-assisted-work dossier

Source anchor	Requirement / topic	Working document route
K.1	Model-use specification	AF-PL-9500-005; AF-PR-9500-020; AF-FR-9500-020; AF-RG-9500-012; AF-TP-9500-014; AF-CL-9500-017; AF-HB-9500-002; AF-PR-9500-021; AF-FR-9500-021; AF-CL-9500-018
K.2	Data and evaluation	AF-PL-9500-005; AF-PR-9500-020; AF-FR-9500-020; AF-RG-9500-012; AF-TP-9500-014; AF-CL-9500-017; AF-HB-9500-002; AF-PR-9500-021; AF-FR-9500-021; AF-CL-9500-018
K.3	Operational change	AF-PL-9500-005; AF-PR-9500-020; AF-FR-9500-020; AF-RG-9500-012; AF-TP-9500-014; AF-CL-9500-017; AF-HB-9500-002; AF-PR-9500-021; AF-FR-9500-021; AF-CL-9500-018
K.4	Assisted development and agents	AF-PL-9500-005; AF-PR-9500-020; AF-FR-9500-020; AF-RG-9500-012; AF-TP-9500-014; AF-CL-9500-017; AF-HB-9500-002; AF-PR-9500-021; AF-FR-9500-021; AF-CL-9500-018

Annex L - Release, continued use and declaration payload

Source anchor	Requirement / topic	Working document route
L.1	Assurance dossier	AF-PL-9500-001; AF-PL-9500-005; AF-PR-9500-028; AF-FR-9500-028; AF-RG-9500-014; AF-CL-9500-024; AF-TP-9500-017; AF-RG-9500-013
L.2	Release statement	AF-PL-9500-001; AF-PL-9500-005; AF-PR-9500-028; AF-FR-9500-028; AF-RG-9500-014; AF-CL-9500-024; AF-TP-9500-017; AF-RG-9500-013
L.3	Continued-use argument	AF-PL-9500-001; AF-PL-9500-005; AF-PR-9500-028; AF-FR-9500-028; AF-RG-9500-014; AF-CL-9500-024; AF-TP-9500-017; AF-RG-9500-013
L.4	Claims and withdrawal	AF-PL-9500-001; AF-PL-9500-005; AF-PR-9500-028; AF-FR-9500-028; AF-RG-9500-014; AF-CL-9500-024; AF-TP-9500-017; AF-RG-9500-013

Annex M - Retirement, data disposition and evidence preservation

Source anchor	Requirement / topic	Working document route
M.1	Retirement scope	AF-PR-9500-029; AF-FR-9500-029; AF-RG-9500-015; AF-SC-9500-007; AF-CL-9500-024; AF-WI-9500-014
M.2	Termination verification	AF-PR-9500-029; AF-FR-9500-029; AF-RG-9500-015; AF-SC-9500-007; AF-CL-9500-024; AF-WI-9500-014
M.3	Data and key disposition	AF-PR-9500-029; AF-FR-9500-029; AF-RG-9500-015; AF-SC-9500-007; AF-CL-9500-024; AF-WI-9500-014
M.4	Closure	AF-PR-9500-029; AF-FR-9500-029; AF-RG-9500-015; AF-SC-9500-007; AF-CL-9500-024; AF-WI-9500-014

Annex N - Assurance, publication and local-adoption dossier

Source anchor	Requirement / topic	Working document route
N.1	Assurance programme	AF-PR-9500-030; AF-FR-9500-030; AF-SC-9500-006; AF-CL-9500-024; AF-PR-9500-005; AF-FR-9500-005
N.2	Finding closure	AF-PR-9500-030; AF-FR-9500-030; AF-SC-9500-006; AF-CL-9500-024; AF-PR-9500-005; AF-FR-9500-005
N.3	Publication control	AF-PR-9500-030; AF-FR-9500-030; AF-SC-9500-006; AF-CL-9500-024; AF-PR-9500-005; AF-FR-9500-005
N.4	Local adoption	AF-PR-9500-030; AF-FR-9500-030; AF-SC-9500-006; AF-CL-9500-024; AF-PR-9500-005; AF-FR-9500-005

Annex O - Reproducible calculations and decision examples (informative)

Source anchor	Requirement / topic	Working document route
O.1	Traceability, disposition and denominator control	AF-TR-9500-001
O.2	End-to-end latency budget	AF-TR-9500-001
O.3	Serial-service availability	AF-TR-9500-001
O.4	Detector precision and base-rate effects	AF-TR-9500-001
O.5	Recovery time and recoverable state	AF-TR-9500-001
O.6	Event ordering with bounded clock uncertainty	AF-TR-9500-001
O.7	Zero observed failures and a statistical bound	AF-TR-9500-001
O.8	Exposure accounting without hidden populations	AF-TR-9500-001
O.9	Log-storage capacity	AF-TR-9500-001
O.10	Contact-window update feasibility	AF-TR-9500-001
O.11	Fleet confirmation and trust migration	AF-TR-9500-001
O.12	Aggregate model accuracy and a critical subpopulation	AF-TR-9500-001

Annex P - Integrated application cases (informative)

Source anchor	Requirement / topic	Working document route
P.1	A signed update reaches the wrong target	AF-IG-9500-001; AF-DM-9500-001; AF-OM-9500-001; AF-HB-9500-001; AF-HB-9500-002
P.2	A protective lockout affects an essential function	AF-IG-9500-001; AF-DM-9500-001; AF-OM-9500-001; AF-HB-9500-001; AF-HB-9500-002
P.3	A build cache supplies an unexpected component	AF-IG-9500-001; AF-DM-9500-001; AF-OM-9500-001; AF-HB-9500-001; AF-HB-9500-002
P.4	A scanner reports a vulnerable dependency	AF-IG-9500-001; AF-DM-9500-001; AF-OM-9500-001; AF-HB-9500-001; AF-HB-9500-002
P.5	A restored test system has lost product relationships	AF-IG-9500-001; AF-DM-9500-001; AF-OM-9500-001; AF-HB-9500-001; AF-HB-9500-002
P.6	An AI assistant produces plausible tests	AF-IG-9500-001; AF-DM-9500-001; AF-OM-9500-001; AF-HB-9500-001; AF-HB-9500-002
P.7	A satellite acknowledges a download	AF-IG-9500-001; AF-DM-9500-001; AF-OM-9500-001; AF-HB-9500-001; AF-HB-9500-002
P.8	A model performs well except in a rare condition	AF-IG-9500-001; AF-DM-9500-001; AF-OM-9500-001; AF-HB-9500-001; AF-HB-9500-002
P.9	A legacy controller cannot accept the current patch	AF-IG-9500-001; AF-DM-9500-001; AF-OM-9500-001; AF-HB-9500-001; AF-HB-9500-002
P.10	A retirement leaves a trusted service account	AF-IG-9500-001; AF-DM-9500-001; AF-OM-9500-001; AF-HB-9500-001; AF-HB-9500-002

Annex Q - Digital assurance and decision diagrams (informative)

Source anchor	Requirement / topic	Working document route
Q.1	Requirement-to-operation assurance chain	AF-IG-9500-001; AF-DM-9500-001; AF-OM-9500-001
Q.2	Trust boundaries and separate control planes	AF-IG-9500-001; AF-DM-9500-001; AF-OM-9500-001
Q.3	Controlled update and recovery states	AF-IG-9500-001; AF-DM-9500-001; AF-OM-9500-001
Q.4	Vulnerability applicability and bounded treatment	AF-IG-9500-001; AF-DM-9500-001; AF-OM-9500-001
Q.5	Incident recovery and semantic reconciliation	AF-IG-9500-001; AF-DM-9500-001; AF-OM-9500-001

Annex R - Activity-based implementation routes (informative)

Source anchor	Requirement / topic	Working document route
R.1	Software producer	AF-IG-9500-001; AF-TP-9500-001
R.2	Component or platform supplier	AF-IG-9500-001; AF-TP-9500-001
R.3	Airborne and aviation ground integrator	AF-IG-9500-001; AF-TP-9500-001
R.4	Space or remote mission operator	AF-IG-9500-001; AF-TP-9500-001
R.5	Industrial, test and maintenance owner	AF-IG-9500-001; AF-TP-9500-001
R.6	Cloud or digital-service operator	AF-IG-9500-001; AF-TP-9500-001
R.7	Model provider or AI-function integrator	AF-IG-9500-001; AF-TP-9500-001
R.8	AI-assisted engineering or agent workflow	AF-IG-9500-001; AF-TP-9500-001
R.9	Assessor, security examiner or assurance owner	AF-IG-9500-001; AF-TP-9500-001

Annex S - Interpretation questions and boundary examples (informative)

Source anchor	Requirement / topic	Working document route
S.1	Does a valid signature make software safe?	AF-FAQ-9500-001
S.2	Does 100% code coverage prove correctness?	AF-FAQ-9500-001
S.3	Can an SBOM establish absence of vulnerabilities?	AF-FAQ-9500-001
S.4	Can an urgent patch bypass safety checks?	AF-FAQ-9500-001
S.5	Is fail-closed always the secure answer?	AF-FAQ-9500-001
S.6	Does restoring a backup close an incident?	AF-FAQ-9500-001
S.7	Can a generic vulnerability score decide aircraft operation?	AF-FAQ-9500-001
S.8	Does a cloud provider's approval cover our application?	AF-FAQ-9500-001
S.9	Does a human reviewer make an AI function acceptable?	AF-FAQ-9500-001
S.10	Can old software remain in service without source code?	AF-FAQ-9500-001
S.11	Can an agent approve its own deployment?	AF-FAQ-9500-001
S.12	Does this set confer AF recognition or operating permission?	AF-FAQ-9500-001

Annex T - Requirement families and implementation crosswalk (informative)

Source anchor	Requirement / topic	Working document route
T.1	Requirement families	AF-ML-9500-001; AF-CM-9500-001; AF-IG-9500-001
T.2	Implementation order	AF-ML-9500-001; AF-CM-9500-001; AF-IG-9500-001
T.3	Completeness questions	AF-ML-9500-001; AF-CM-9500-001; AF-IG-9500-001