

LUMINOUS AVIONICS

FLIGHTDECK ACCESS

Layered Security Architecture and Operational Telemetry



info@domistat.com

ESTABLISHING ABSOLUTE CONTROL OVER SECURE OPERATIONS

GUARANTEED COMPLIANCE

VERIFICATION

ENFORCING STRINGENT PILOT VERIFICATION AND AIRCRAFT REGISTRATION COMPLIANCE BEFORE ANY ENGINE ACTIVATION.



EVIDENTIARY INTEGRITY

VERIFICATION

GENERATING A COMPLETE, TAMPER-PROOF TRACKING HISTORY OF ALL AIRCRAFT MOVEMENT AND ACCESS LOGS.



TOTAL ASSET SECURITY

SYSTEM WARNING

MITIGATING UNAUTHORIZED USAGE AND MINIMIZING OPERATIONAL DISPUTES THROUGH REALTIME TELEMETRY.



THE LINEAR PATHWAY TO ENGINE AUTHORIZATION



A DOMISTAT INITIATIVE



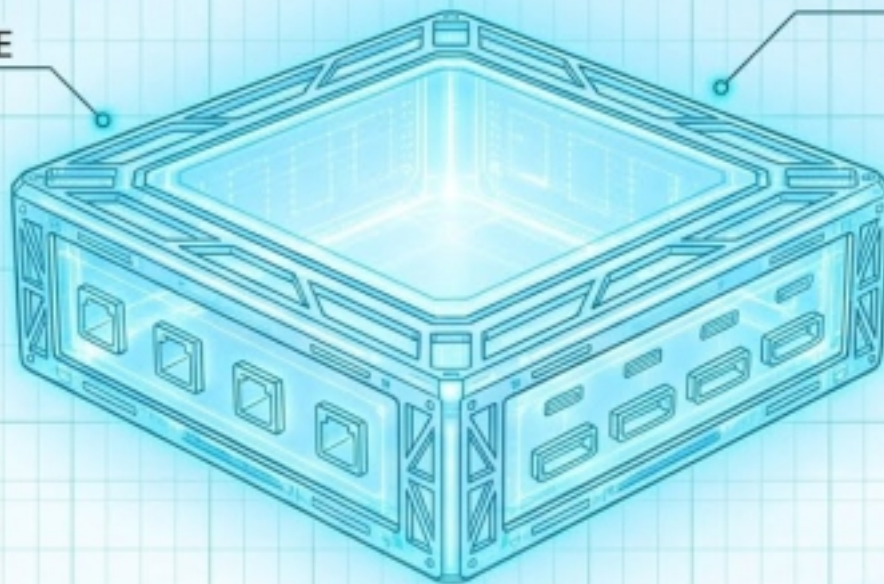
PROVIDING THE
ULTIMATE SYSTEM
OUTPUT

THE CENTRAL PROCESSING UNIT: THE ARBITER OF ACCESS

SYSTEMIC CORE - SCHEMATIC REV 4.0

REAL-TIME
AUTHENTICATION ENGINE

MULTI-VECTOR
DATA INGESTION

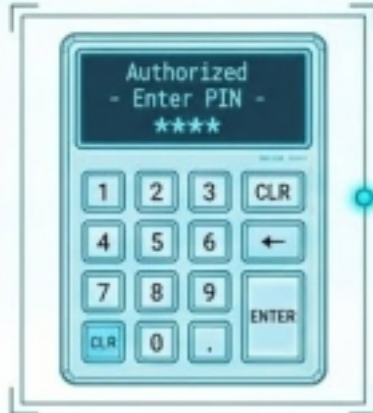


FINAL COMMAND EXECUTION

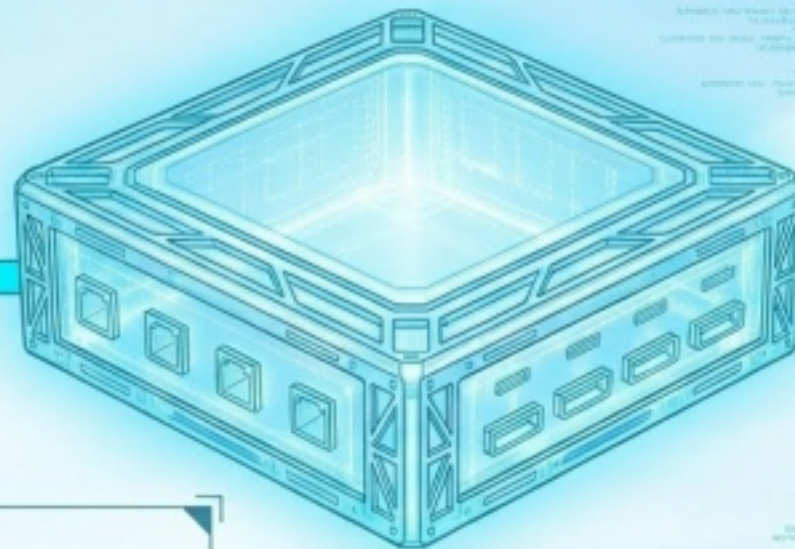
SYSTEM STATUS: NOMINAL - STANDBY MODE ■



INPUT VECTOR 1: MULTI-FACTOR CREDENTIAL VERIFICATION



PILOT ID DATABASE
(AUTHENTICATION
REQUEST/RESPONSE)



SYSTEM RULES:
Only authorized pilots with valid,
up-to-date IDs and specific
Flight Numbers can initiate the
protocol.

SYSTEM STATUS: NOMINAL - STANDBY MODE ■

SYSTEM ALERT ▲

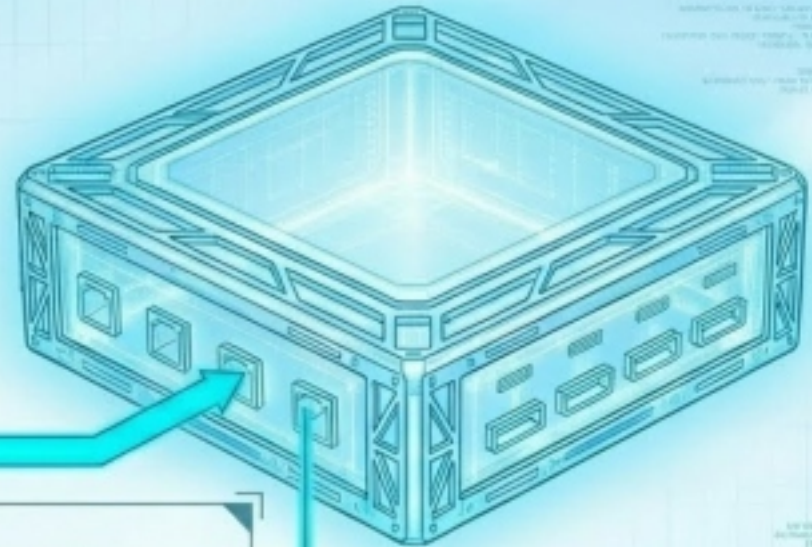


INPUT VECTOR 2: BIOMETRIC IDENTITY ASSURANCE

SYSTEMIC CORE - SCHEMATIC REV 4.0



BIOMETRIC
VERIFICATION
SERVER



SYSTEM RULES:
Biometric scan must match authorized pilot profile in real-time. High-fidelity fingerprint data is required. Multiple failed attempts trigger system lockdown.

PILOT ID DATABASE
(AUTHENT/RESPONSE)

SYSTEM STATUS: NOMINAL - STANDBY MODE ■



INPUT VECTOR 3: PHYSIOLOGICAL OPERATIONAL FITNESS

SYSTEMIC CORE - SCHEMATIC REV 4.0



PHYSIOLOGICAL
CLEARANCE STATUS



CENTRAL PROCESSING UNIT

PILOT ID DATABASE
(AUTHENT/RESPONSE)

SYSTEM RULES:

The Blow N Go - Breathalyzer mandates logged sobriety prior to aircraft activation. Failure instantly halts the access flow path.

COORDS: 41° 51' 30" N
LONG: 121° 00' 00" E

TIME: 16:30:00
MODE: STANDBY

13M 557 1000100
REV 1045000
100 2045000
101 0245

330000 27 325° 15' 0
352001 03 28 600
22/00003 300+001

SYSTEM ID:
COORDS: 330000 27 325° 15' 0
MODE: STANDBY

TECT + NECE + BISH + WJL
SYSTEMS: 006V3
STRUK

00P3
00-0 100
00-0 100
00-0 100
00-0 100
00-0 100
00-0 100

LINK: 006000005 TTS 03005

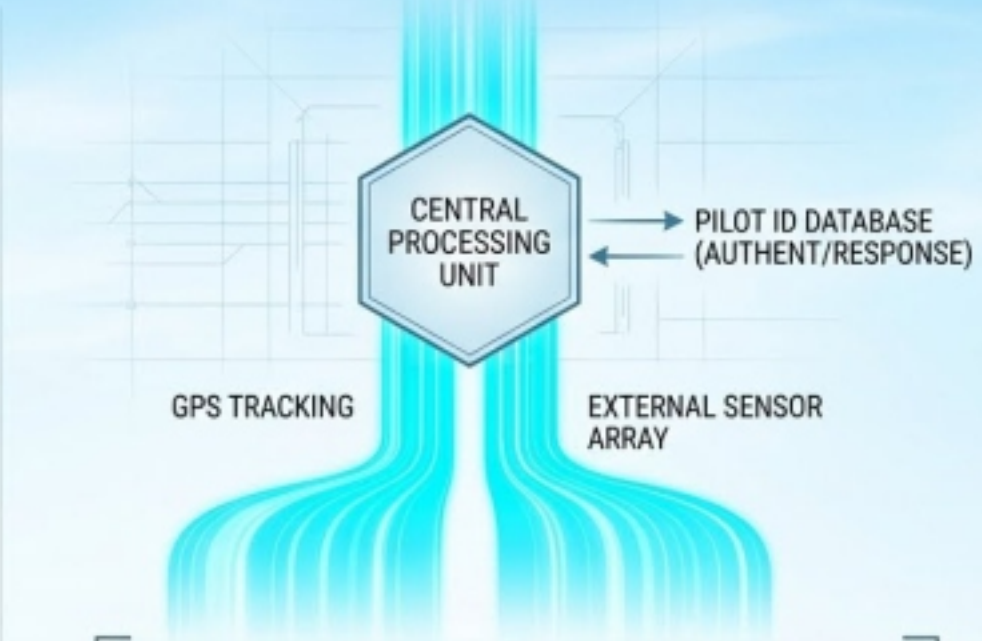
SC00R



SYSTEM STATUS: NOMINAL - STANDBY MODE ■

INPUT VECTOR 4: CONTEXTUAL GEOLOCATION AND MAINTENANCE FENCING

SYSTEMIC CORE - SCHEMATIC REV 4.0



MAINTENANCE CLEARANCE LOGS

AIRCRAFT ID	CLEARANCE LEVEL	TIME/DATE	STATUS	STATUS
N737ER	LEVEL 3	10:00:00Z	CLEARED	CLEARED
A380-DEV	LEVEL 1	10:15:30Z	CLEARED	CLEARED
B787-ENG	LEVEL 2	10:30:45Z	PENDING	PENDING

SYSTEM RULES:
Dynamic geo-fencing enforces restrictions on maintenance personnel based on specific physical locations and clearance status. Real-time monitoring prevents unauthorized entry into critical operational zones.



SYSTEM STATUS: NOMINAL - STANDBY MODE █

CONTINUOUS TELEMETRY: 4-WAY REALTIME OVERSIGHT

SYSTEMIC CORE - SCHEMATIC REV 4.0



FULL EVIDENTIARY RECORDS
(Tamper-proof data, comprehensive logging)

MINIMIZATION OF DISPUTES
(Objective visual evidence, faster resolution)

REAL-TIME REMOTE MONITORING
(Live feed access, operational oversight)

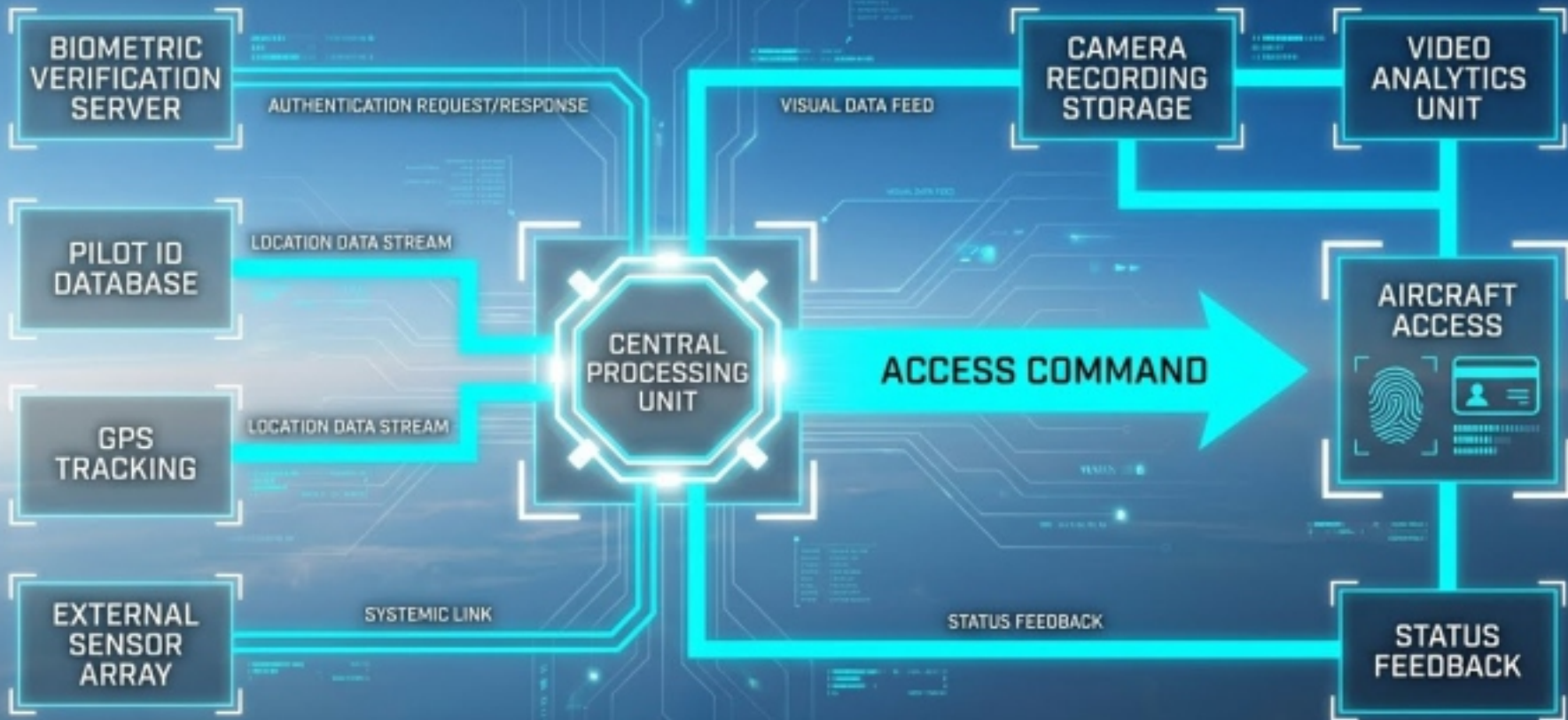


SYSTEM STATUS: NOMINAL - STANDBY MODE ●

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THE CONVERGENCE: INTEGRATED SECURITY ARCHITECTURE

TECHNICAL SCHEMATIC - REV 3.1



SYSTEM STATUS: **NOMINAL** - **OPERATIONAL** - **SECURE CONNECTION ESTABLISHED**



THE ULTIMATE RESOLUTION: ACCESS GRANTED

FLIGHTDECK ACCESS SYSTEM - FINAL RESOLUTION PHASE

FLIGHTDECK ACCESS SYSTEM

ACCESS GRANTED

PILOT ID: VALID
FLIGHT CARD: ACTIVE
SYSTEM STATUS: ONLINE

1. ID Card
[OK]

2. Biometric
Scan
[OK]

3. PIN Entry
[OK]

4. Sobriety
Check
[OK]

5. Engine Start
Authorization
[OK]

ENGINE START
PERMITTED

SYSTEM STATUS: ALL CHECKS PASSED - READY FOR TAKEOFF

SYSTEM OVERRIDE: THE UNAUTHORIZED ACCESS PROTOCOL

AUTOMATED RESPONSE SEQUENCE

1. Immediate recording of all actions and camera feeds.
2. Immediate alert transmission to appropriate home base.
3. Automated geo-fencing lock-down capability initiated.



ECOSYSTEM IMPACT: THE VALUE OF ABSOLUTE CERTAINTY



98%
Compliance Score
(HIGH)



1,250+
Logged Flight Hours
Automated
ATP/Commercial/Instrument/Medical
certification tracking

AIRLINE BENEFITS

Settling of disputes, increased asset security, seamless integration with insurance providers, guaranteed registration compliance.

PILOT BENEFITS

Reduced paperwork footprint, accurate automated records, faster checkpoint clearance (TSA/Customs), saved time during loading/unloading.

FAA BENEFITS

Single key access to weights, durations, pilot records, and comprehensive regulatory details, including full camera data logging.



Advancing the Standard of Aviation Innovation

Layered security architecture enabling flawless compliance, total asset security, and seamless operational efficiency.

