SkyLog Ecosystem - Master Business Blueprint

1. Core Purpose & Target Users

SkyLog Ecosystem is an integrated aviation operations platform designed for MRO facilities, airlines, line maintenance providers, and aviation HR departments.
It unifies compliance, operations, logistics, HR, and quality tracking in one secure environment.

2. Final Module Scope

1. Management - KPI dashboards, MOE compliance, capacity tracking.
2. Quality & Audits - Findings log, RII/CRS sign-off, audit scheduling, compliance evidence storage.
3. Engineering & Logistics - Work orders, task cards, parts ordering, calibration tracking, vendor requests.
4. HR & Payroll - Staff authorizations, training management, time tracking, payroll.
5. Production & Mobile - Task assignment, mobile clock-in/out, aircraft work status.
6. Tool Store - Borrow/return logs, calibration alerts, consumables tracking.

3. Daily Operational Workflow

- Morning: Managers review KPIs and work packages.
- Daytime: Technicians execute WOs, borrow tools, log completions.
- End of Shift: Sign-offs, findings review, auto-generated compliance logs.
- Overnight: System sync, reports, and next-day planning.

4. Advanced Capabilities

- Predictive Maintenance AI
- Digital Twin integration
- IoT Tool Tracking
- Blockchain Compliance Ledger
- E-Learning & Certification modules

5. Services & Consulting

- Compliance Advisory
- Implementation Consulting
- Custom Integration
- On-Site Training

6. Industry Partnerships

- OEM Data Feeds
- Tool Manufacturer API Links
- Aviation Authority Integrations
- Lessor & Asset Manager Record Sharing

7. Monetization Expansion

- Marketplace for parts, tools, and services
- Premium Analytics Pack

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- Certification Storage Service

8. Brand Extensions

- SkyLog Mobile
- SkyLog Cloud
- SkyLog Edge

9. Operational Readiness

- Implementation Playbook
- Standardized Data Migration Kit
- Regulatory Compliance Templates

10. Market & Sales Engine

- Target Market Segmentation
- Sales Playbook
- Customer Success Framework

11. Future-Proofing Strategy

- API-First Architecture
- Data Monetization Path
- Modular Licensing

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SkyLog Full Business Expansion Map

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Advanced Capabilities

Service & Consulting   **Industry Partnerships**

E-Learning

Core Platform   **Monetization Expansion**   **Brand Extensions**

Blockchain Ledger   On-Site Training   Lessors & Asset Managers

Compliance Management   IoT Tool Tracking   Custom Integration   Aviation Authorities   Certification Storage Service   SkyLog Edge

Daily Ops Workflow   Digital Twin   Implementation Consulting   Tool Manufacturers   Premium Analytics Pack   SkyLog Cloud

Core Modules   Predictive Maintenance AI   Compliance Advisory   OEM Data Feeds   Marketplace   SkyLog Mobile