Synergyze API Governance & Onboarding Documentation

# 1. API Documentation Index

|  |  |
| --- | --- |
| API Category | Functions Included |
| Authentication & Role Management API | Login, Role Assignment, Token Management, License Validation |
| User & License Governance API | License Issuance, Role Assignment, Compliance Logs, Subscription Tier Management |
| KYC & Onboarding API | Document Upload, Verification, AML, API Hooks for Banks/Brands |
| Procurement & Vendor Management API | PO Creation, Vendor Onboarding, Vendor Scorecards, Material Issuance |
| Production & MES API | Production Scheduling, WIP Tracking, QC Updates, Material Traceability |
| Inventory & Warehouse Management API | Stock Movement, GRN Updates, Warehouse Transfers, Replenishment Alerts |
| Sales & Distribution API | Order Creation, Listings, Drop-shipping, Returns, Sales Analytics |
| Financial & Escrow API | Invoice Upload, Escrow Setup, Reconciliation Logs, GST Reporting |
| Supply Chain Finance (SCF) API | Financier Onboarding, Invoice Financing, Credit Disbursal, Fund Tracking |
| Compliance & Audit Trail API | Smart Contract Logs, Compliance Flags, Audit Trail, Tax Reports |
| Demand Forecasting & AI Insights API | AI Predictions, Stock Alerts, Vendor Risk Scores, Replenishment Planning |
| Logistics & Route Optimization API | SLA Tracking, Carrier Assignments, Route Optimization, Delivery Confirmation |
| Model Builder API | Model Templates Access, Workflow Simulation, Preview Results |
| Notifications & Alerts API | Compliance Alerts, Escrow Triggers, Payment Holds, Stock Warnings |
| Reporting & Dashboard API | KPIs, Operational Performance, Compliance Scores, Dashboard Feeds |
| Universal Tech Support & Ticket API | Issue Detection, Ticketing, Resolution Tracking, Compliance Confirmation Logs |
| Public Ecosystem API | Freelance Task API, Public Services, Service Catalog APIs |
| System Health & Monitoring API | Platform Uptime, Transaction Status Check, System Monitoring |

# 2. Entity-Wise API Mapping Matrix

|  |  |
| --- | --- |
| License Type | Primary APIs Accessed |
| Manufacturer License | Auth API, License API, KYC API, Procurement API, MES API, Financial API, Compliance API |
| Brand License | Auth API, License API, KYC API, Sales API, Inventory API, Financial API, Compliance API |
| Retailer License | Auth API, License API, Sales API, Inventory API, Financial API, Compliance API |
| Vendor/Supplier License | Auth API, License API, Procurement API, Compliance API |
| Public/Freelance License | Auth API, Public Ecosystem API |
| Internal Company License | Auth API, Governance API, System Health API, Compliance API |
| Logistics & 3PL License | Auth API, License API, Logistics API, Financial API, Compliance API |
| Financial Institution License | Auth API, License API, Financial API, SCF API, Compliance API |

# 3. Role-Wise API Access Matrix

|  |  |
| --- | --- |
| Role | APIs Accessed |
| Super Admin | All APIs (Full Access) |
| Procurement Manager | Procurement API, Compliance API, Vendor Management API |
| Sales & Distribution Manager | Sales API, Inventory API, Demand Forecast API |
| Inventory Manager | Inventory API, Warehouse API, Logistics API |
| Production Head | MES API, Production API, Compliance API |
| Finance Controller | Financial API, Escrow API, Compliance API |
| Compliance Officer | Compliance API, Smart Contract API, Audit Trail API |
| Vendor/Supplier User | Procurement API, Vendor API |
| Logistics Coordinator | Logistics API, Compliance API |
| Retail Store Manager | Sales API, Inventory API |
| Platform Operator | Governance API, System Health API |
| Financier User | Financial API, SCF API, Compliance API |
| Freelance/Public User | Public Ecosystem API |