FlologixAI Workflow Automation Datasheet

TURN AI INSIGHTS INTO ACTIONS WITH PRIVATE, POLICY-DRIVEN WORKFLOWS KEPT FULLY INSIDE YOUR ENVIRONMENT.

WHAT IS PRIVATE ORCHESTRATION?

- OBJECTIVE : ORCHESTRATE SECURE, EVENT-DRIVEN WORKFLOWS THAT CONVERT AI OUTPUTS INTO MEASURABLE BUSINESS ACTIONS.
- SCOPE : PRIVATE N8N DEPLOYMENT, EVENT SCHEMA, HUMAN-IN-THE-LOOP APPROVALS, DASHBOARDS, AND AUDIT LOGGING.
- OUTCOME : FASTER CYCLES, LOWER MANUAL EFFORT, AND TRACEABLE AUTOMATIONS THAT RESPECT COMPLIANCE POLICIES.

CORE CAPABILITIES

- TRIGGERS: WEBHOOKS, SCHEDULE/CRON, FILE DROPS, DB CHANGES, SENSOR/IOT EVENTS.
- CONNECTORS: ERP/MES/CRM, DATABASES, EMAIL, SLACK/TEAMS, TICKETING, STORAGE, CUSTOM APIS.
- APPROVALS: ROLE-BASED REVIEWERS, SEQUENTIAL/PARALLEL STAGES, ESCALATION & TIMEOUTS.
- POLICIES: ALLOW/DENY LISTS, RATE LIMITING, DATA REDACTION, SECRETS MANAGEMENT.
- RELIABILITY: RETRIES/BACKOFF, IDEMPOTENCY KEYS, DEAD-LETTER QUEUES, CIRCUIT BREAKERS.
- OBSERVABILITY: RUN HISTORIES, METRICS, ALERTING, PER-W

WHAT YOU GET (DELIVERABLES)

- ARCHITECTURE & DEPLOYMENT OF PRIVATE N8N STACK WITH HARDENED ACCESS.
- EVENT SCHEMA + GUARDRAILS (APPROVALS, REDACTION, RETENTION).
- CONNECTORS TO SYSTEMS OF RECORD; REUSABLE WORKFLOW LIBRARY. COMPLIANCE LOGGING + DASHBOARDS (SLAS, THROUGHPUT, ERROR RATES).
- RUNBOOKS, ENABLEMENT SESSIONS, AND HANDOVER.

RELIABILITY & SRE PRACTICES

- HEALTH CHECKS, CANARIES, AND SYNTHETIC TESTS FOR CRITICAL FLOWS.
- RETRY & BACKOFF STRATEGIES; DLQ HANDLING AND AUTO-REPLAY.
- RATE LIMITS AND CONCURRENCY CAPS TO PROTECT UPSTREAM SYSTEMS.
- COST & PERFORMANCE TUNING GUIDANCE; WORKLOAD SEPARATION WHERE NEEDED

SUCCESS METRICS (KPIS)

- MTTA/MTTR (RESPONSE & RESOLUTION TIMES).
- % TASKS AUTOMATED AND TIME SAVED PER WORKFLOW.
- APPROVAL CYCLE TIME & ON-TIME SLA ATTAINMENT.
- ERROR RATE/RETRY RATE; SUCCESSFUL RUNS PER DAY.
- ADOPTION (ACTIVE WORKFLOWS/USERS).

SECURITY & GOVERNANCE

- DEPLOYED ON-PREM OR PRIVATE CLOUD; TRAFFIC REMAINS INSIDE YOUR NETWORK. SSO/JWT, RBAC BY ROLE/TEAM; PER-CONNECTOR PERMISSIONS AND SECRETS VAULT.
- FULL AUDIT TRAIL FOR APPROVALS, DATA MOVEMENT, AND USER ACTIONS; EVIDENCE EXPORTS.
- NETWORK CONTROLS: IP ALLOWLISTS, VPC PEERING, PRIVATE ENDPOINTS.

REPRESENTATIVE USE CASES

- DOWNTIME DETECTION ALERT TICKET ESCALATION (MANUFACTURING).
- SOP/SHIFT-HANDOVER SUMMARIES SUPERVISOR APPROVALS DISTRIBUTION.
- AUTOMATED REPORTING TO FINANCE/QUALITY WITH SOURCE CITATIONS.
- VENDOR REQUEST INTAKE VALIDATION PO CREATION NOTIFICATIONS.
- COMPLIANCE EXCEPTIONS REVIEW BOARD EVIDENCE EXPORT.

TIMELINE & EFFORT (TYPICAL 2-6 WEEKS)

1) DISCOVERY & MAPPING OF EVENTS AND SYSTEMS ->
2) DEPLOY PRIVATE ORCHESTRATOR + ACCESS CONTROLS ->
3) BUILD PRIORITY WORKFLOWS & APPROVALS ->
4) DASHBOARDS, UAT, AND TRAINING ->
5) GO-LIVE & RUNBOOK HANDOVER

TYPICAL STARTING PACKAGE

CONTACT US FOR A SCOPED QUOTE ALIGNED TO SYSTEMS, VOLUME, AND SLAS.

FLOLOGIXAI ENTERPRISE READY PRIVATE AI WITH RAG AND ORCHESTRATION