**Market problem**

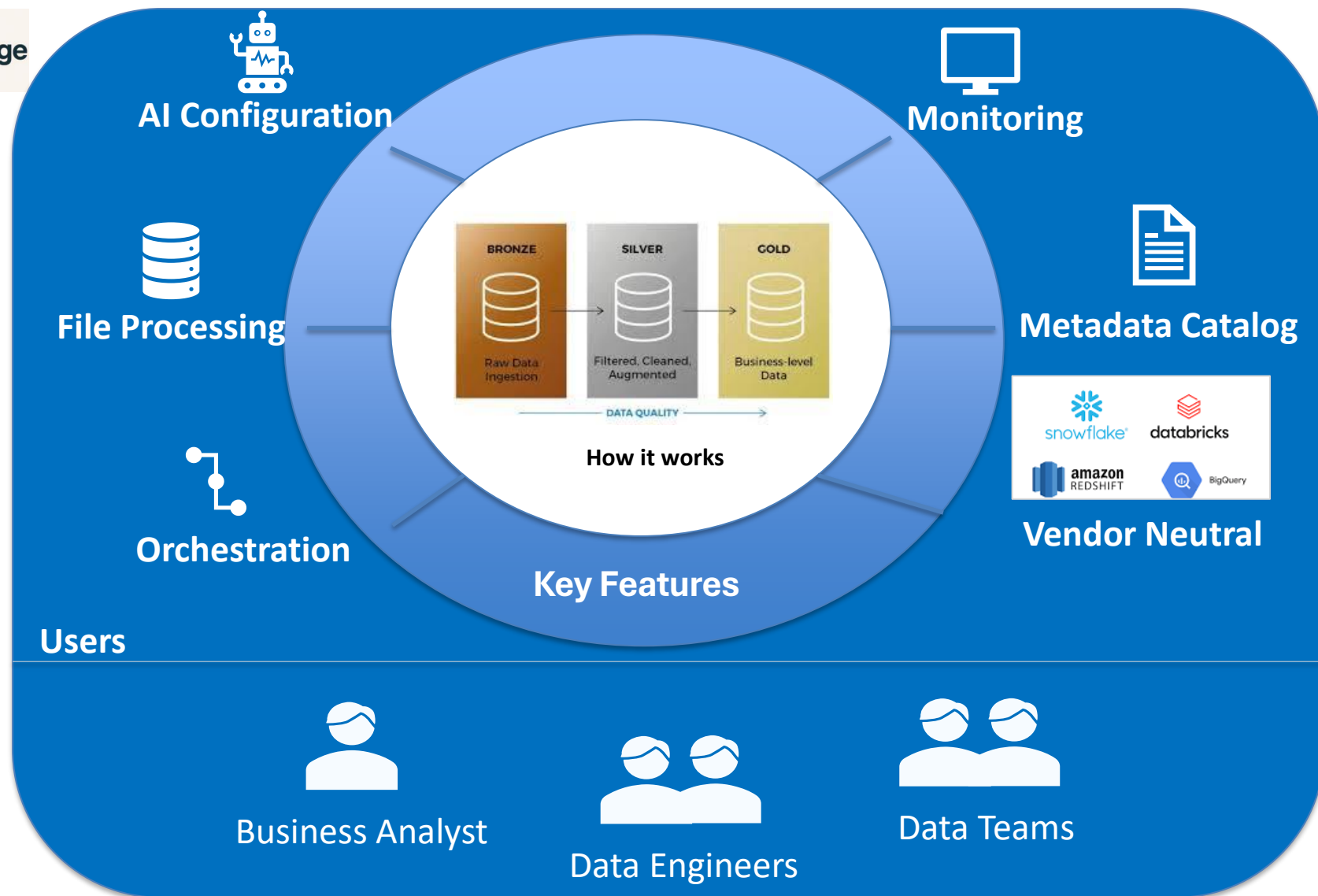**Solution offered** FlowForge

Modern Data Pipelines in YOUR Cloud

- ✓ **Backlog Delays:** Analysts wait weeks for each pipeline
- ✓ **Disparate Tools:** Multiple ETL tools, inconsistent approaches
- ✓ **Compliance friction:** Data residency and audit trail requirements
- ✓ **No self-service:** Engineers required for every data request

- ✓ **AI Based Auto Schema Detection**
- ✓ **No-Code Interface**
- ✓ **Production Grade Architecture**
- ✓ **Cloud Based Operations**

ot it to your needs and capture yo

**Key Differentiators:**

SELF SERVICE

YOUR Cloud

Vendor Neutral

**FlowForge**

**AI Configuration**

**Monitoring**

**File Processing**

**Metadata Catalog**

BRONZE — Raw Data Ingestion

SILVER — Filtered, Cleaned, Augmented

GOLD — Business-level Data

DATA QUALITY

**How it works**

**Vendor Neutral**

snowflake   databricks

amazon REDSHIFT   BigQuery

**Orchestration**

**Key Features**

**Users**

Business Analyst

Data Engineers

Data Teams

**Technical Architecture**

**Platform Components:** • Web application (Next.js) • Prefect orchestration server • PostgreSQL metadata database • Object storage (S3/ADLS/GCS) • Prefect workers (containerized)

**Data Flow:** Files → Landing → Bronze → Silver → Gold → Warehouse

**Deployment:** Docker containers in your cloud (ECS/AKS/GKE)

**FlowForge**

## Product Comparison

| Traditional SaaS | FlowForge Model | Security Features | |
|---|---|---|---|
| ✗ Data leaves your environment | ✓ Data stays in YOUR cloud | | **Data Residency:** All data in your S3/ADLS/GCS |
| ✗ Vendor controls infrastructure | ✓ You control everything | | **Identity:** IAM/Key Vault integration, RBAC |
| ✗ Lock-in risk | ✓ No lock-in | | **Encryption:** KMS/CMK, customer-managed keys |
| | | | **Network:** Private VPC, no public access required |
| | | | **Audit:** Full logging, immutable Bronze layer |
| | | | **Compliance:** GDPR, HIPAA, SOX ready |

# FlowForge

## FlowForge Credentials

| Use Case | Before | After | Impact |
|---|---|---|---|
| Financial Close | 50+ Excel files, 3 days manual consolidation | Pattern matching + AI = 30 minutes | 90% Time Savings |
| Partner Integration | 20+ partners, 2 hours to configure each | AI detects schema in 3 seconds | Instant Onboarding |
| Marketing Analytics | Wait 1 week for engineer to build pipeline | Analyst builds in 5 minutes | Zero engineering dependency |
| Compliance | Data must stay in specific region | FlowForge runs in YOUR cloud account | Full data sovereignty, audit-ready |

## Upcoming New Features

- ✓ **Database Connectors** Direct connections to MySQL, PostgreSQL, SQL Server, Oracle
- ✓ **Data Quality Rules** Automated validation: "email not null", "amount > 0"
- ✓ **Incremental Loading** Process only changed records (hours → minutes)
- ✓ **Transformation Engine** Visual business logic builder (no SQL