# Ingest External Data



**External Data Source** → Send Payload (file/link + Metadata) / ack/retry info → **Ingestion API (Webhook/Poll Endpoint)**

Ingestion API → ingest request (Payload) / 202 Accepted (Status, asset ID) → **Ingestion Controller**

Ingestion Controller → Verify Source (request) / OK/reject → **Auth Service**

Ingestion Controller → check limits (Source ID) / allow/deny → **Rate limiter**

Ingestion Controller → normalize (Payload) → **Ingestion Service**

Ingestion Service:
- Store OR Fetch (asset, payload) → **Storage Service**
- enqueue (asset ID) → **Job Scheduler**
- Parse + Validate → **Source Payload (Raw Data)**
- create SubType → **Data Asset (abstract)**
- write log (Status, Source ID) → **Ingestion log (DB Record)**

Storage Service → Save (Asset info) → **Asset Metadata (DB Record)**

Job Scheduler → Create (Job) → **Processing Job**

Data Asset (abstract) ← Document, Image, Audio, Video