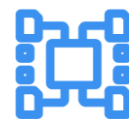# ETL WORKS

Modern, cloud-first, any-to-any data integration platform
that scales with the business

Data Integration Challenges (And How We Solve Them)

Volume of data grows exponentially

- Our app offers petabyte-scale data processing capabilities
- It is vertically and horizontally scalable
- We offer a high-performance solution with high availability (HA) features
- Our app supports a variety of data integration techniques, enabling you to choose the best solution for your specific use cases

Long implementation circle

- The app supports complex no-code transformations and drag-and-drop mapping, as well as code-based transformations using JavaScript, Python, SQL and XSL
- It features automation and advanced monitoring capabilities through an open API
- Etlworks offers best in class support and training
- You can outsource development to Etlworks or our trusted partners

Variety of data and organizational silos

- The app includes hundreds of connectors for SQL and NoSQL databases, cloud data warehouses, APIs, SaaS apps, data storage systems and message queues
- It supports any format and any data structure, along with industry-standard protocols, ensuring seamless access to your data, regardless of its format or location
- Built-in multitenancy enables multiple teams to work independently on diverse data projects simultaneously

Security and regulations

- We compliant with SOC 2, SOC 3, HIPAA, GDPR, and DPA regulations
- Our app provides seamless SAML integration with any identity provider
- We implement strict data encryption and data loss prevention measures
- Our app and infrastructure maintain the highest standards of network and application security
- We provide an enterprise-grade solution featuring role-based security, multitenancy, single sign-on (SSO), multi-factor authentication (MFA), and personalization

Product

**Cloud-Native.
Can be Installed
On-Premise**

**Intuitive
Web UI**

**250+ Connectors
50+ Transformations**

**Any to Any
ETL and ELT**

**Cloud Data
Warehouses**

**EDI
Processing**

**Real-Time
Streaming**

**Change
Data Capture**

**ESB, User-defined
APIs, Webhooks**

**Can Connect to
Any Third-Party API**

★ CAPABILITIES

Data Integration for Everyone

Etlworks solves fundamental data integration problems

[MORE ABOUT PRODUCT]

Capabilities

- Low code / no code
- Real-time data integration
- Log-based Change Data Capture (CDC)
- ETL, ELT, Reverse ETL
- EDI processing
- API data integration
- Event-based data integration

Connectors

- 250+ connectors
- 129 SaaS aps
- 177 data warehouses, relational and NoSQL DBs
- 20 file and cloud storage systems, email systems and data lakes
- 7 Message queues
- Any REST/SOAP/GraphQL API
- 18 data exchange and EDI formats

Development Tools

- Built-in version control
- JavaScript/Python/SQL
- Export/Import, Patch
- Multi-tenancy
- Built-in and user-defined templates
- Macro library
- Global search

Deployment

- Any cloud, any cloud region
- Hybrid cloud with integration agents deployed behind firewall
- On-premise
- Any Linux, Windows Server/10/11, MacOS (via Docker)
- Docker
- Single node and multi-node cluster
- High availability and autoscaling

Any to Any ETL, ELT, Reverse ETL, Real-time streaming

Transformations

- Source-to-destination
- Per field mapping
- Code (JavaScript, Python),XSL
- SQL
- Deduplication
- Filter
- Sort
- Validation
- JOIN
- UNION
- INTERSECT
- MINUS

- Pivot
- Transpose
- Extract nested dimensions
- Normalize as key-values
- De-normalize key-values
- XSLT
- Split and Merge files
- Partition
- File operations
- EDI processing
- Normalize nested dataset as relational tables

ⓘ TRANSFORMATION AND MAPPING

SaaS Apps
129

All major Data Warehouses
28

REST/SOAP/GraphQL API
Any

Any source can be a destination

Cloud and File storage systems
20

Relational and NoSQL Databases
177

Message Queues
7

Log Based Change Data Capture

(CDC)

[MORE ABOUT CDC]

Sources

MySQL — **CDC**

Oracle — **CDC**

IBM DB2 — **CDC**

Microsoft SQL Server — **CDC**

PostgreSQL — **CDC**

MongoDB — **CDC**

IBM AS400 — **CDC**

Real-time CDC Streaming

Advantages of CDC

- Low latency
- Real-time
- Low Impact on Source
- INSERT and MERGE

Destinations

Data warehouses and Databases

Amazon Redshift	Snowflake	Azure Synapse	Vertica
Databricks	Greenplum	ClickHouse	Any relational databases with JDBC driver

File storage systems

Amazon S3	Azure Storage	Google Cloud Storage	File system

Message queues

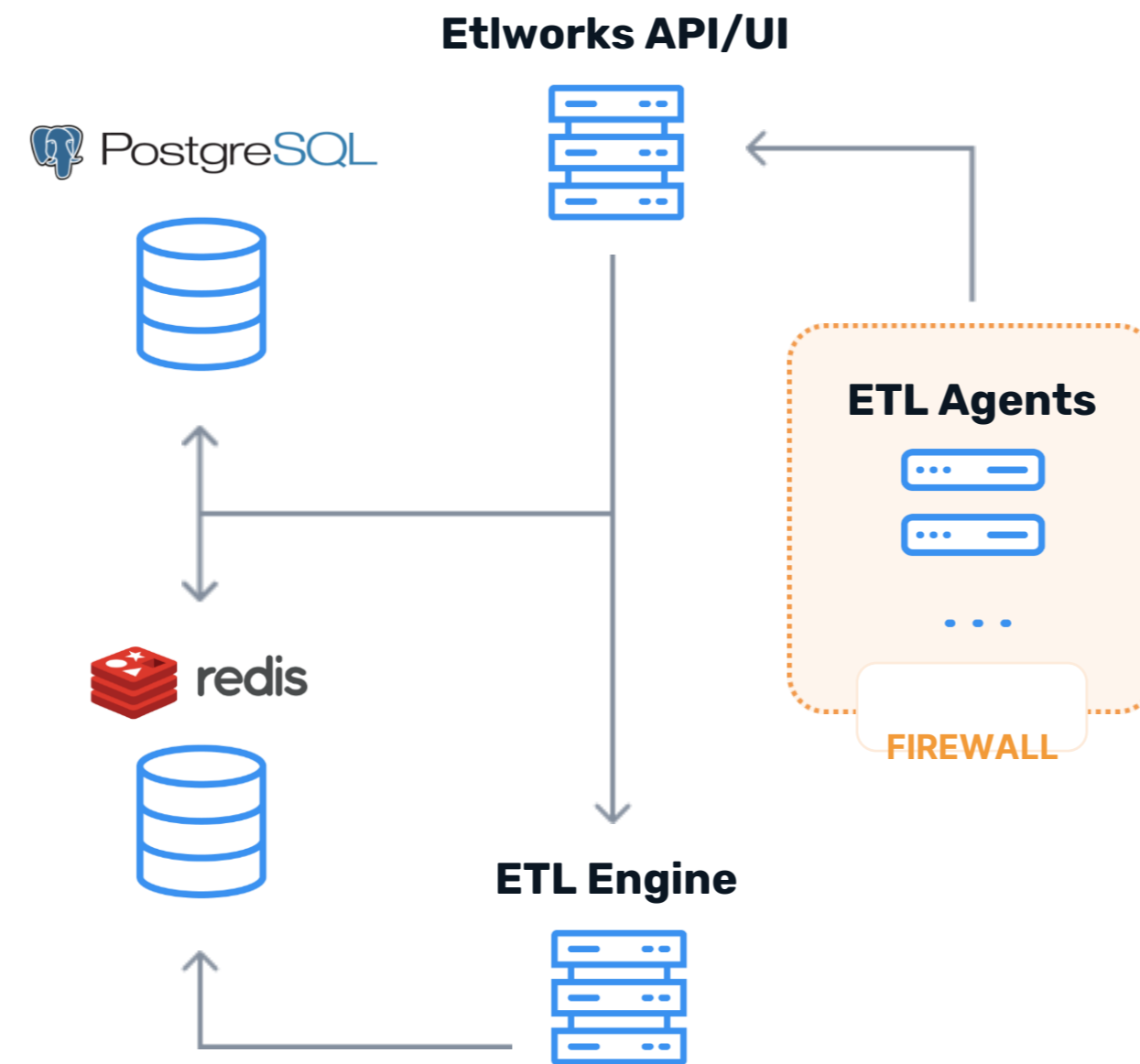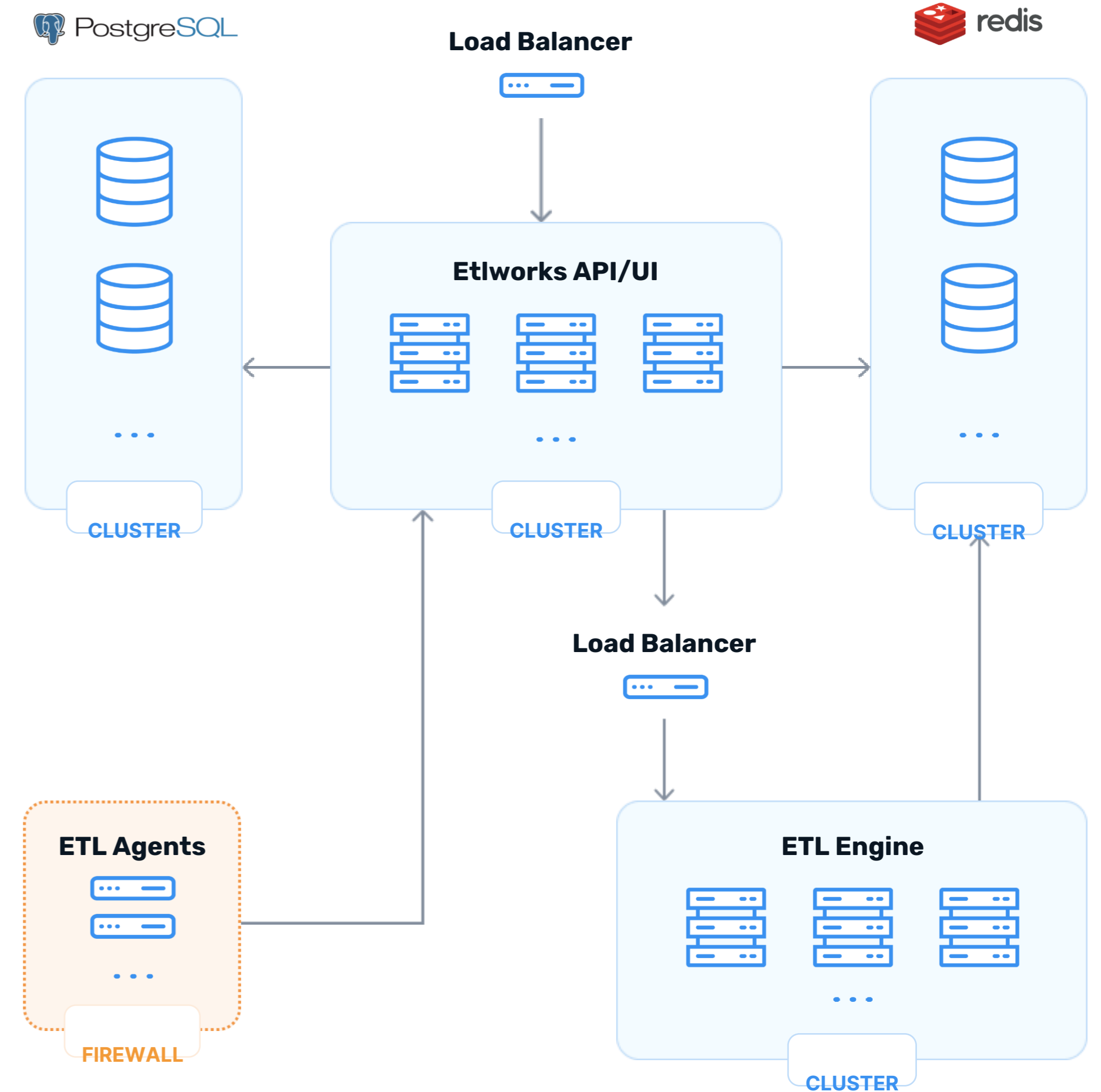|		
Apache Kafka	Google Pub/Sub	Azure Event Hubs

Deployment and Scaling

Deployment options

- Single node and multi-node cluster
- Shared instances – AWS us-east1, eu-east-1
- Dedicated instances - any cloud and cloud region managed by Etlworks
- Any cloud managed by customer
- On-premise
- Hybrid cloud with Integration Agents
- Supported operating systems: Amazon Linux, Ubuntu, CentOS, Red Hat, Windows Server/10/11, Docker

MORE ABOUT DEPLOYMENT

Single-Node

PostgreSQL

Etlworks API/UI

ETL Agents

FIREWALL

redis

ETL Engine

Multi-Node

PostgreSQL

Load Balancer

redis

Etlworks API/UI

CLUSTER

CLUSTER

CLUSTER

ETL Agents

FIREWALL
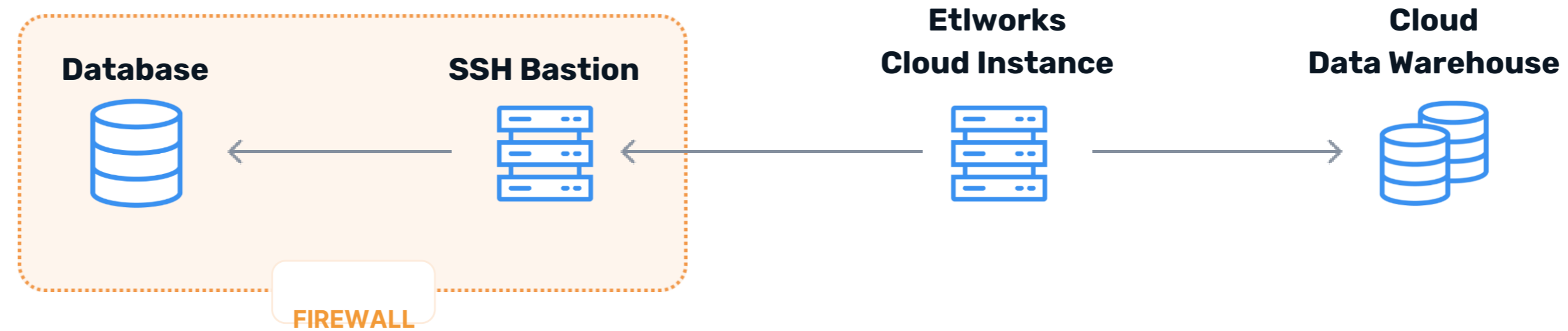
Load Balancer

ETL Engine

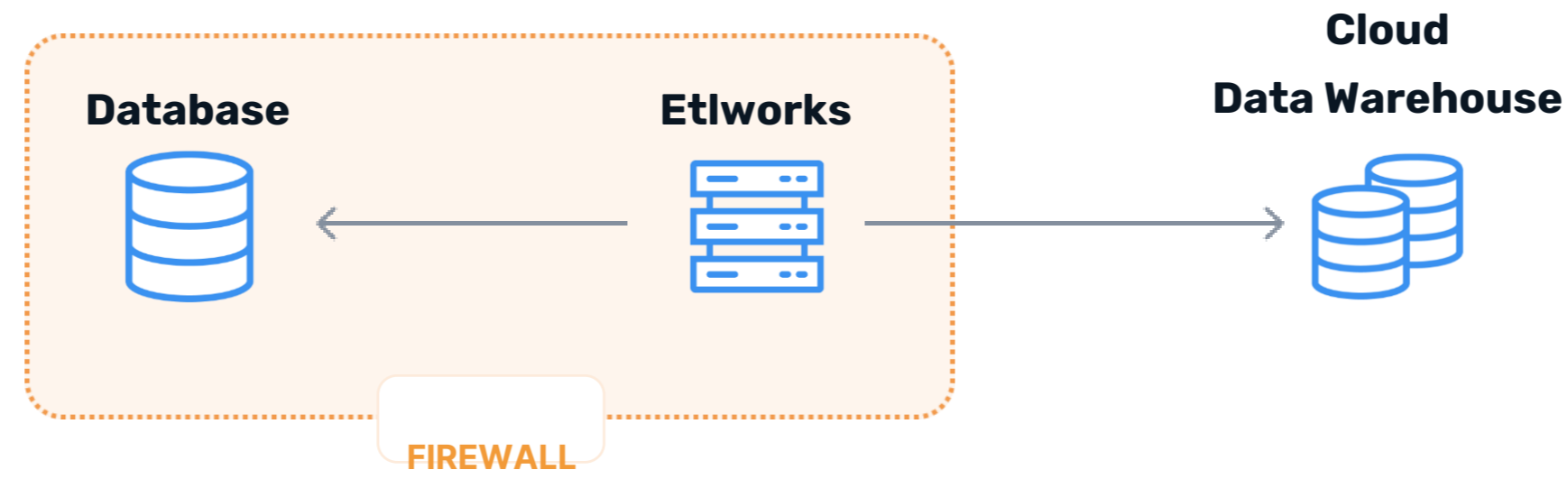CLUSTER

Supported Topologies

Cloud-agnostic

- AWS
- Azure
- Google Cloud
- IBM Cloud
- Oracle Cloud
- Any cloud region, including GovCloud
- Hybrid cloud (cloud + on-premise)

? ETLWORKS ON-PREMISE

Cloud with Optional SSH Tunnel

Database   **SSH Bastion**   **Etlworks Cloud Instance**   **Cloud Data Warehouse**

FIREWALL

On-Premise

Database   **Etlworks**   **Cloud Data Warehouse**

FIREWALL

Hybrid-Cloud with Integration Agents

Database   **ETL Agent**   **Cloud Storage**   **Eltworks Cloud Interface**   **Cloud Data Warehouse**

FIREWALL

Integrations and Ecosystem

Out of the box, Etlworks supports most relational and NoSQL databases, practically any HTTP-based API, most file storage systems and industry-standard data exchange formats.

[MORE ABOUT INTEGRATIONS]

Built-in APIs

- Manage ETL Artifact
- Execute Flows
- Monitor Flows
- Monitor Health

Webhooks

- All Etlworks events
- Web and Email
- Slack integration
- Teams integration

User-defined APIs

- Pull (/get) – get data from custom endpoint
- Push (/post) – send payload to custom endpoint
- CRUD (/post, /put/, /delete, /patch)
- Upload files to connections created in Etlworks

Scripting

- JavaScript & Python
- SQL
- Shell (Linux and Windows)
- XLST

Security

Authentication
- Strong passwords are enforced
- MFA
- SSO
- All major identity providers are supported

Audit and logging
- System wide audit-trail
- Per flow execution logs
- System logs
- Logging API
- Webhooks for all system events

User management
- User enrollment workflow (access by invite)
- Built-in multitenancy
- Roles (admin, editor, operator, viewer, API)

Compliance
- SOC 2 type II and SOC 3
- GDPR and DPA
- HIPPA

Encryption
- Encryption in transit (SSL)
- Encryption at rest (PGP)
- Strong encryption of the credentials

Data protection
- Automatic daily backups to encrypted storage
- Time to restore from backup - minutes
- Customer data is not stored in Etlworks servers

MORE ABOUT SECURITY
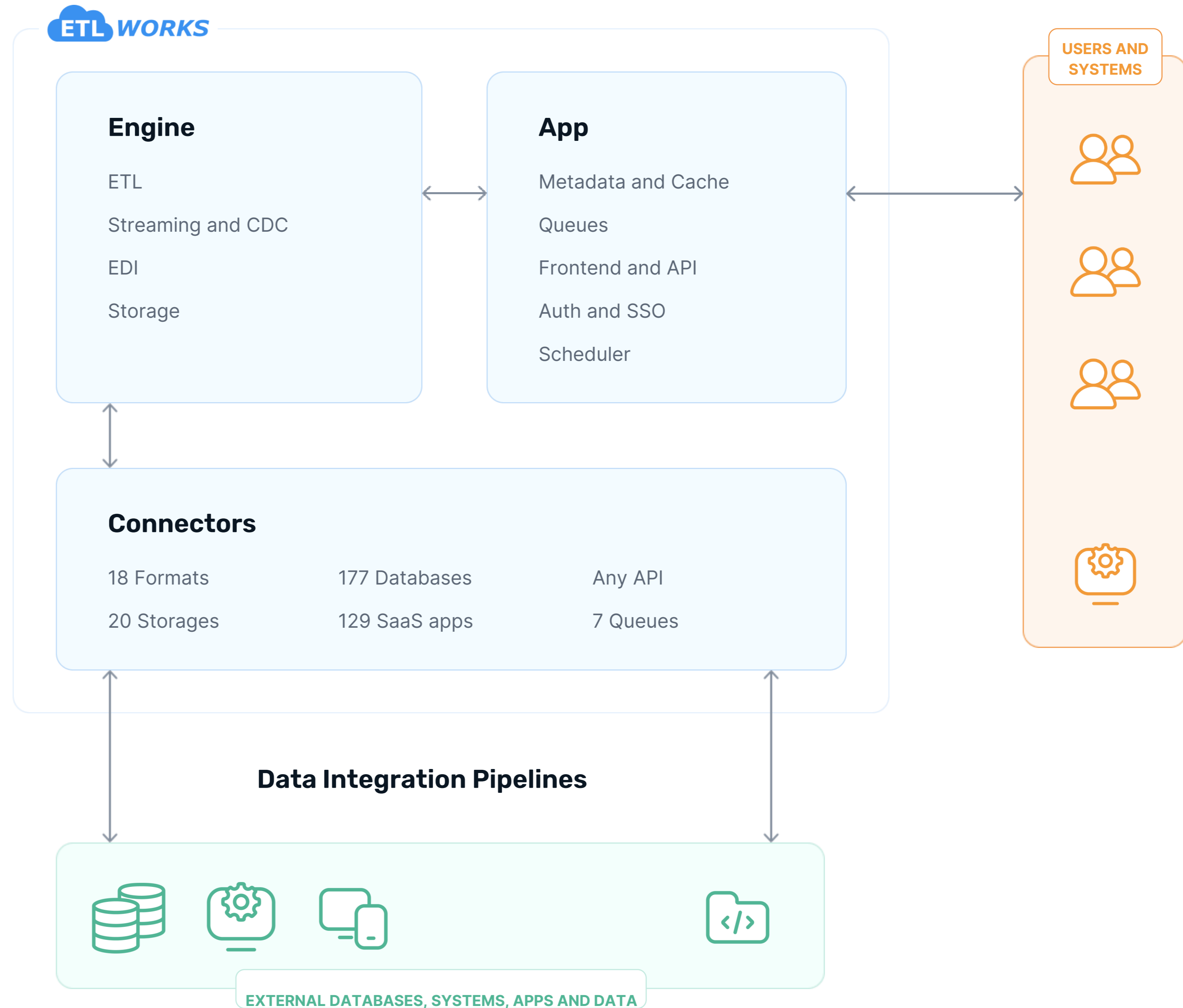
Architecture and Components

Technology stack

- Backend - Java
- Frontend – JavaScript (EmberJS), HTML, CSS
- Database - PostgreSQL
- Cache and configuration – Redis
- App server – Tomcat

Scalability

- Vertically and horizontally scalable
- Single node deployment
- Multi-node deployment (symmetrical cluster)
- Autoscaling using cloud infrastructure
- High data volume – billions of rows per day

ETLWORKS ARCHITECTURE

ETL WORKS

Engine

ETL

Streaming and CDC

EDI

Storage

App

Metadata and Cache

Queues

Frontend and API

Auth and SSO

Scheduler

USERS AND SYSTEMS

Connectors

| 18 Formats | 177 Databases | Any API |
| 20 Storages | 129 SaaS apps | 7 Queues |

Data Integration Pipelines

EXTERNAL DATABASES, SYSTEMS, APPS AND DATA

Comparison with other Vendors

Etlworks is a modern, cloud-first, any-to-any data integration platform

Feature	Etlworks	Talend	MuleSoft	Stitch	Matillion	Informatica	Fivetran	HVR	Qlik
Any-to-Any ETL	✔	✔	✘	✔	✘	✔	✔	✘	✘
Multi-Cloud	✔	✔	✔	✔	✔	✔	✔	✘	✔
On-Premise	✔	✔	✔	✘	✘	✔	✘	✔	✘
Large Volume Performance	✔	✔	✔	✘	✔	✔	✔	✔	✔
CDC and Streaming	✔	✘	✘	✔	✘	✔	✔	✔	✔
Connectors	250+	150+	80+	125+	100+	400+	100+	40+	50+
Low/No Code	✔	✘	✘	✔	✘	✘	✔	✔	✔
API Management	✔	✔	✔	✘	✘	✔	✘	✘	✘

☰ COMPARE WITH OTHER VENDORS

Plans & Pricing

Etlworks offers self-managed subscriptions through our customer portal. We also offer invoice billing. All plans include standard support, unlimited connections, flows and users.

$ ABOUT PRICING

Starter

$300 / MONTH

- ✓ Shared instance
- ✓ Best for processing up to 100K records a day,
- ✓ Unlimited users and connectors

SIGN UP

Learn more

Business

$600 / MONTH

- ✓ Shared instance
- ✓ Best for processing up to 1M records a day,
- ✓ Unlimited users and connectors

SIGN UP

Learn more

Enterprise

$900+ / MONTH

- ✓ Dedicated instance
- ✓ Multiple configuration options
- ✓ On-premise options
- ✓ Unlimited records
- ✓ Unlimited users, tenants, and connectors,
- ✓ SSO

INQUIRE

Learn more

Services

Etlworks is a modern, cloud-first, any-to-any data integration platform that scales with the business

Our distributed team comprised of engineers, industry experts, and savvy entrepreneurs. We work hard to deliver easy-to-use data integration software that scales.

Support

- Standard support is included
- Extended support is available
- Custom SLA is available

Development

- Professional services
- Custom data integration development
- Trusted Partners

Consulting

- Best in class project management
- Highly trained engineers
- Short implementation cycle

ETLWORKS SUPPORT

Our Contacts

Want to get in touch? We'd love to hear from you. Here's how you can reach us.

We will answer all your questions.

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support@etlworks.com

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