OpenText Alloy

Seamlessly integrate cloud and on-premises applications and drive new business insights with a revolutionary approach to integration and data management

Extracting insights from data is vital for business innovation and success, but as the volume and variety of data sources and applications grow, it becomes more difficult for an organization to access and derive value from the data itself.

OpenText® Alloy® integrates cloud and on-premises applications and data sources across the enterprise. The platform enables data exchange between any application and supports any variety of business processes. It offers both integration and data management in a unified, cloud-based platform, providing infinite scale, robust security and full visibility into data movement.

Alloy helps organizations:

- **Integrate everything**
  Connect any application end points: cloud, SaaS, mobile, device or on-premises

- **Manage data**
  Consolidate, cleanse and enrich data integrated from any disparate sources and silos

- **Gain realtime visibility**
  Uncover trends and spot errors with realtime, web-based visibility into data movement

- **Scale and grow efficiently**
  Take advantage of economies of scale and agility offered by the Alloy platform

- **Leverage built-in compliance and security**
  Secure data, whether at rest or in transit with protocols such as AS2, FTPS, HTTPS or SFTP

- **Redirect scarce IT resources**
  Free internal IT staff to focus on more strategic initiatives with OpenText® Managed Services

- **Drive new business insights**
  Leverage clean, high quality data persisted in a big data repository, with on-demand, self-service access
Alloy offers a robust, efficient and scalable alternative to DIY application integration models, such as ESB or iPaaS, at a time when connections are growing exponentially.

Alloy's modular architecture

**Any-to-any integration layer**
- Integrates, transforms and transmits data between any application endpoints
- Supports all patterns of integration: A2A, B2B/EDI, cloud services, ETL, hybrid and MFT
- Applies complex pre- and post-processing rules for data cleansing and enrichment

**Data management layer**
- Employs big data technology for large-scale computing and storage
- Persists metadata and payload data in central repository (data lake)
- Manages writing and reading of data through APIs
- Materializes data on-demand through schema-on-read technology

**Data visibility layer**
- Offers real-time window into other modules via web dashboard
- Monitors activities, such as data flow, integration status and payload profile
- Provides launching point to view and report on the data model
- Integrates seamlessly with leading third-party reporting tools

Alloy is built on a microservices architecture to elegantly address varying degrees of complexity, customization and power.

Data visibility
- Reports
- Operational metrics
- API layers
- Identity management
- SSO
- BI hook

Data management
- Metadata management
- View aggregator
- Elastic search engine
- Data indexer
- Big data core

Integration
- Adapters & gateway
- Audit & compliance
- Event queue
- Transformation
- Rules engine
- Workflow
- Security
- Message broker
- SaaS adapters
- Process model
- Configuration portal
- Service registry

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