Build a Trusted Data Foundation for AI, Analytics, and Operations

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Data & AI Business Development

The Challenge

Complex IT Landscape

- Complex IT landscape
- Growing range of data sources and targets
- Diverse formats and schemas
- Regulatory and security constraints
- Risk of vendor lock-in

Agility, Scale & Flexibility

Skills gap limits productivity

- Overwhelming demand for data
- Limited IT scalability
- Technical complexity clashes with need to involve the business
- Emergence of the cloud warehouse/lakehouse

Modern Data Engineering

Inefficient & 'lawless' data sharing

- To be consumed, data must be trustable
- Lack of centralized data quality and data governance
- Increased security concerns
- Enabling effective data discovery and collaboration
- Building APIs is complex

Data Products

Opex-costs increasing

- Market and competitive pressures call for efficiency
- FinOps requires weighing cost as well as value
- AI is a transformational opportunity to simplify, automate, and accelerate the workflow

AI-Optimized

Qlik

Qlik Talend®
Data Integration & Quality

Trusted Data Foundation for AI, Analytics & Operations

Organizational Survival Relies on Your Data Foundation

Data production and consumption is ballooning

Real-time decision-making is the core business requirement

Valuable data is trapped in your files, applications, clouds, databases, lakes, warehouses, and legacy systems.

AI will drive your business unless you drive AI

Most organizations lack the tools and processes to drive AI. Even less can ensure data is ready for ML / Gen AI initiatives.

Data quality and governance the difference between success and prosecution

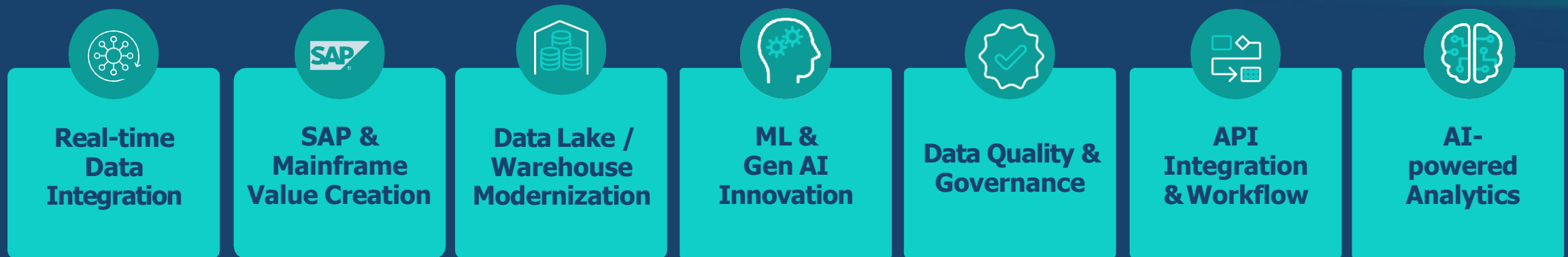A profound lack of confidence in data origin and quality undermines your decision-making, and that spells trouble.

Become the data hero instead of the IT bottleneck

Your data consumers waste days or weeks transforming and 'prepping' data for one-off projects.

Qlik

Modernize and Automate Your Data With Qlik Talend

A trusted data foundation for AI, analytics, and operations

Qlik Talend efficiently and reliably captures data from any source and delivers data to any target in the right format. Our data integration and quality solutions auto-generate, no-code data transformation pipelines that use AI and advanced data modeling to provide accurate and trusted data products for your analytics, AI, and operational initiatives.
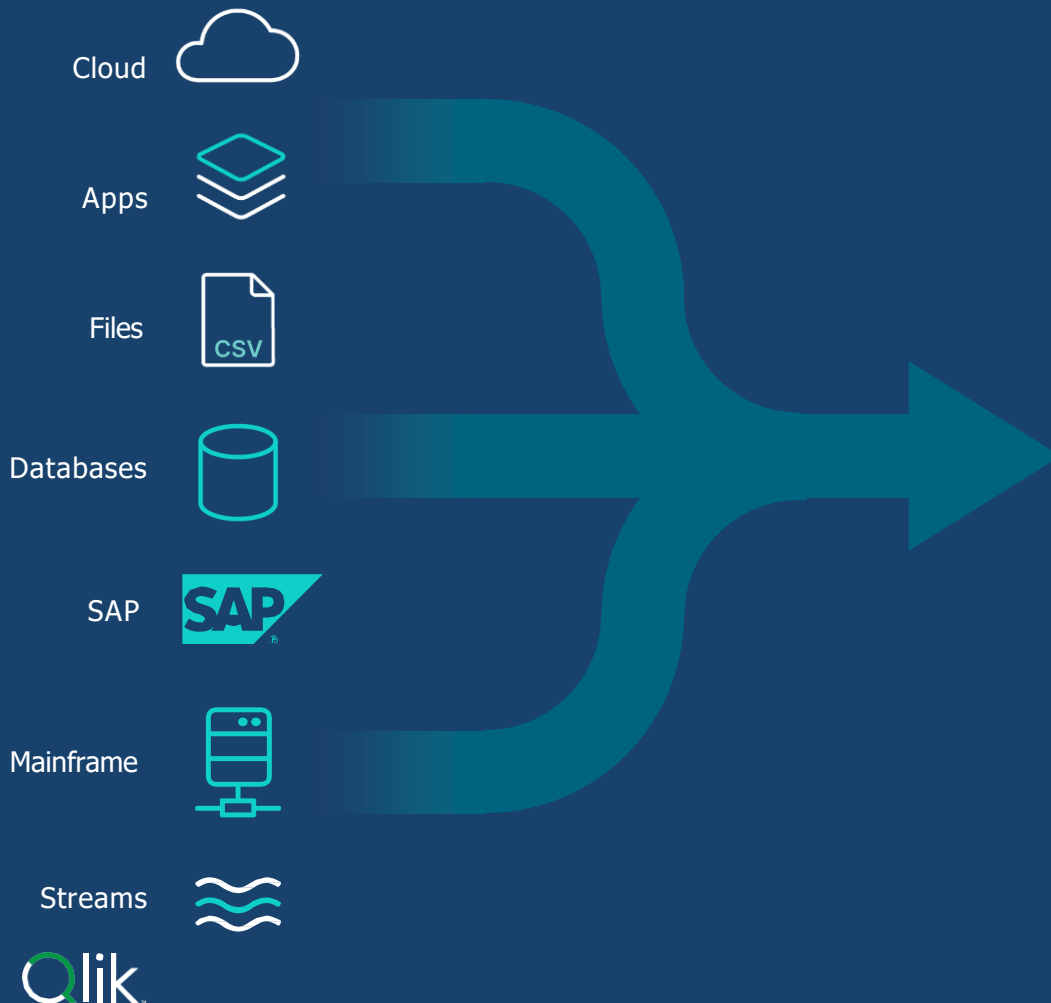
Real-time Data Integration	SAP & Mainframe Value Creation	Data Lake / Warehouse Modernization	ML & Gen AI Innovation	Data Quality & Governance	API Integration & Workflow	AI-powered Analytics

Architectural, Cloud and Data Independent

Deploy Trusted Data Pipelines for Your Key Initiatives

Quickly move from RAW data to successful business outcomes

Cloud

Apps

Files
CSV

Databases

SAP

Mainframe

Streams

Qlik

Checklist

- Any data source / target ✓
- Real-time or near-time ✓
- Any integration style ✓
- Transform to any format ✓
- Automated & agnostic ✓
- Accurate & trusted ✓
- Data easily consumed ✓

Real-time Data Integration

SAP & Mainframe Value Creation

Data Lake / Warehouse Modernization

Data Quality & Governance

ML & Gen AI Innovation
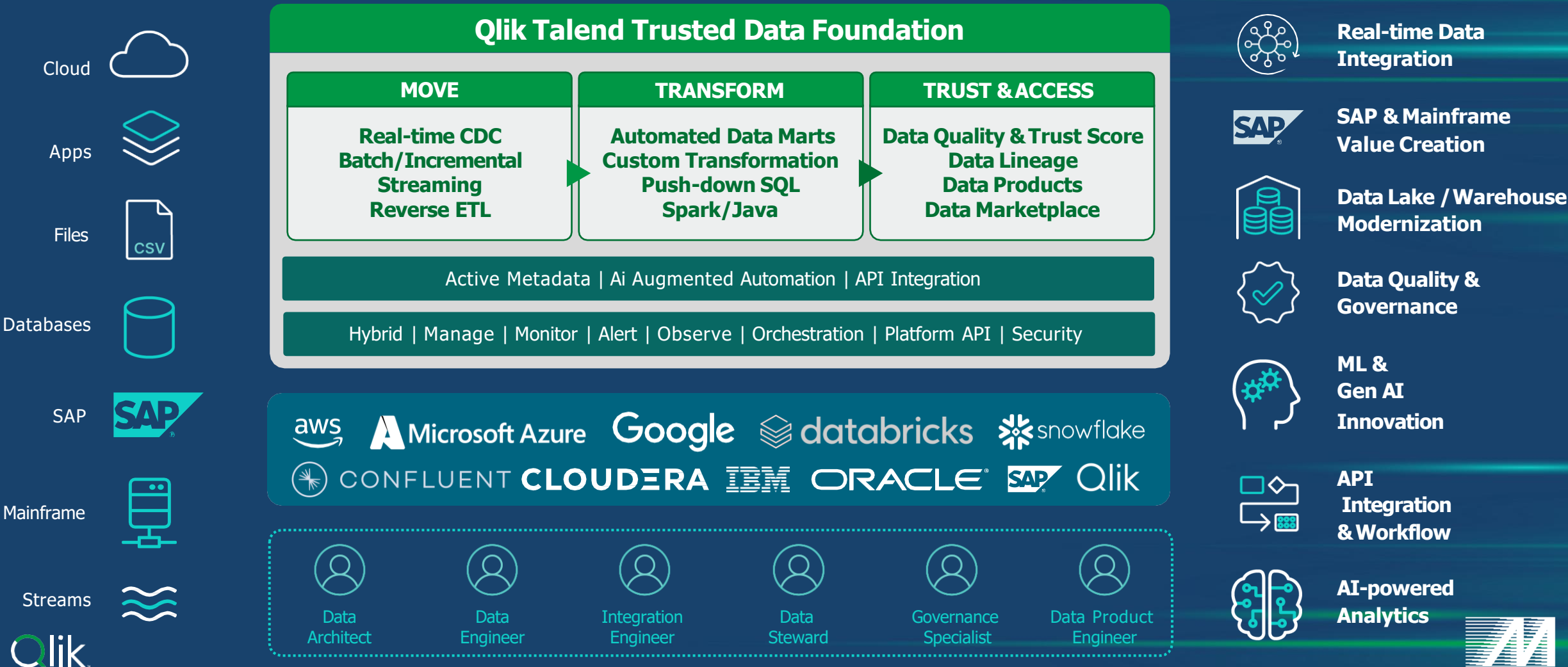
API Integration & Workflow

AI-powered Analytics

Qlik Talend Data Integration & Quality

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Cloud

Apps

Files
CSV

Databases

SAP

Mainframe

Streams
Qlik

Qlik Talend Trusted Data Foundation

MOVE	TRANSFORM	TRUST & ACCESS
Real-time CDC Batch/Incremental Streaming Reverse ETL	Automated Data Marts Custom Transformation Push-down SQL Spark/Java	Data Quality & Trust Score Data Lineage Data Products Data Marketplace

Active Metadata | Ai Augmented Automation | API Integration

Hybrid | Manage | Monitor | Alert | Observe | Orchestration | Platform API | Security

aws   Microsoft Azure   Google   databricks   snowflake

CONFLUENT   CLOUDERA   IBM   ORACLE   SAP   Qlik

Data Architect   Data Engineer   Integration Engineer   Data Steward   Governance Specialist   Data Product Engineer

Real-time Data Integration

SAP **SAP & Mainframe Value Creation**

Data Lake / Warehouse Modernization

Data Quality & Governance

ML & Gen AI Innovation

API Integration & Workflow

AI-powered Analytics

Demonstrable Market Leadership

Recognized as a Leader in the 2023 Gartner® Magic Quadrant™ for Data Integration Tools!

"More data and analytics leaders are realizing that data integration is a foundational component of their data management infrastructure. They understand that they need to employ data integration functions to share data across all organizational and systemic boundaries.

Therefore, organizations are increasingly seeking a comprehensive range of improved data integration capabilities to modernize their data, analytics and AI infrastructures."

Figure 1: Magic Quadrant for Data Integration Tools

Leveraging AI Innovations

Simplify pipeline development and operationalize AI initiatives

| **AI-assisted Data Engineering**
Simplify and accelerate data integration tasks | **Pipeline Creation** | Prompt to SQL | Prompt to API contract | ML-based connectors |
| | **Governance and DQ** | Prompt to DQ rule | DQ rule recommendation | Auto generate dataset description |

| **AI-ready Data Pipelines**
Operationalize Gen-AI & ML workloads | **Retrieval Augmented Generation** | Vector database integration | Data embedding | Unstructured data operations (chunking, enrichment) |
| | **AI-ready datasets** | Deliver quality datasets (+Qlik Talend Trust Score for AI) | Call AI model form data pipelines | PII data detection |

Qlik.