



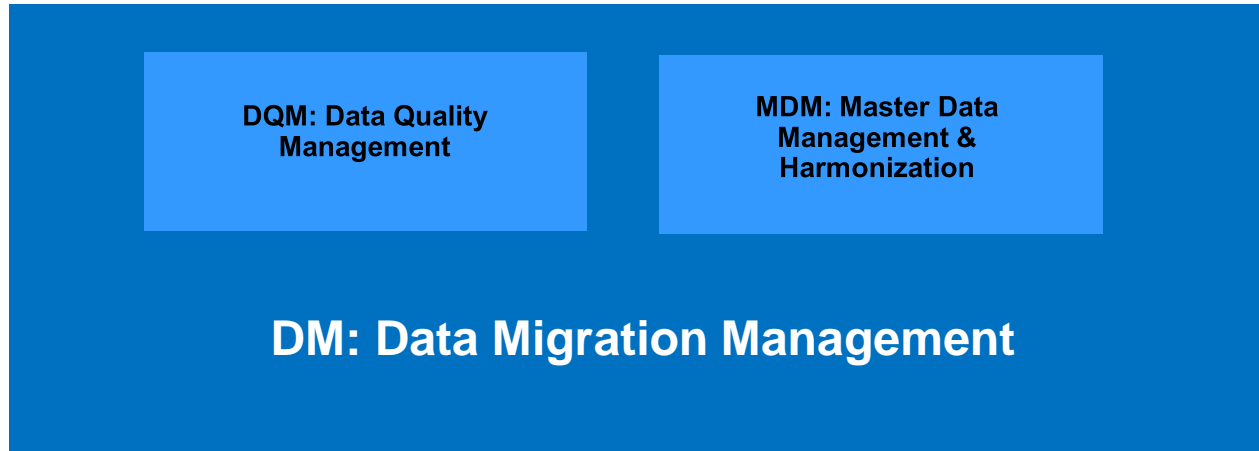
Pulse Enterprise Data Management

17 March 2022



Enterprise/Project Data Management

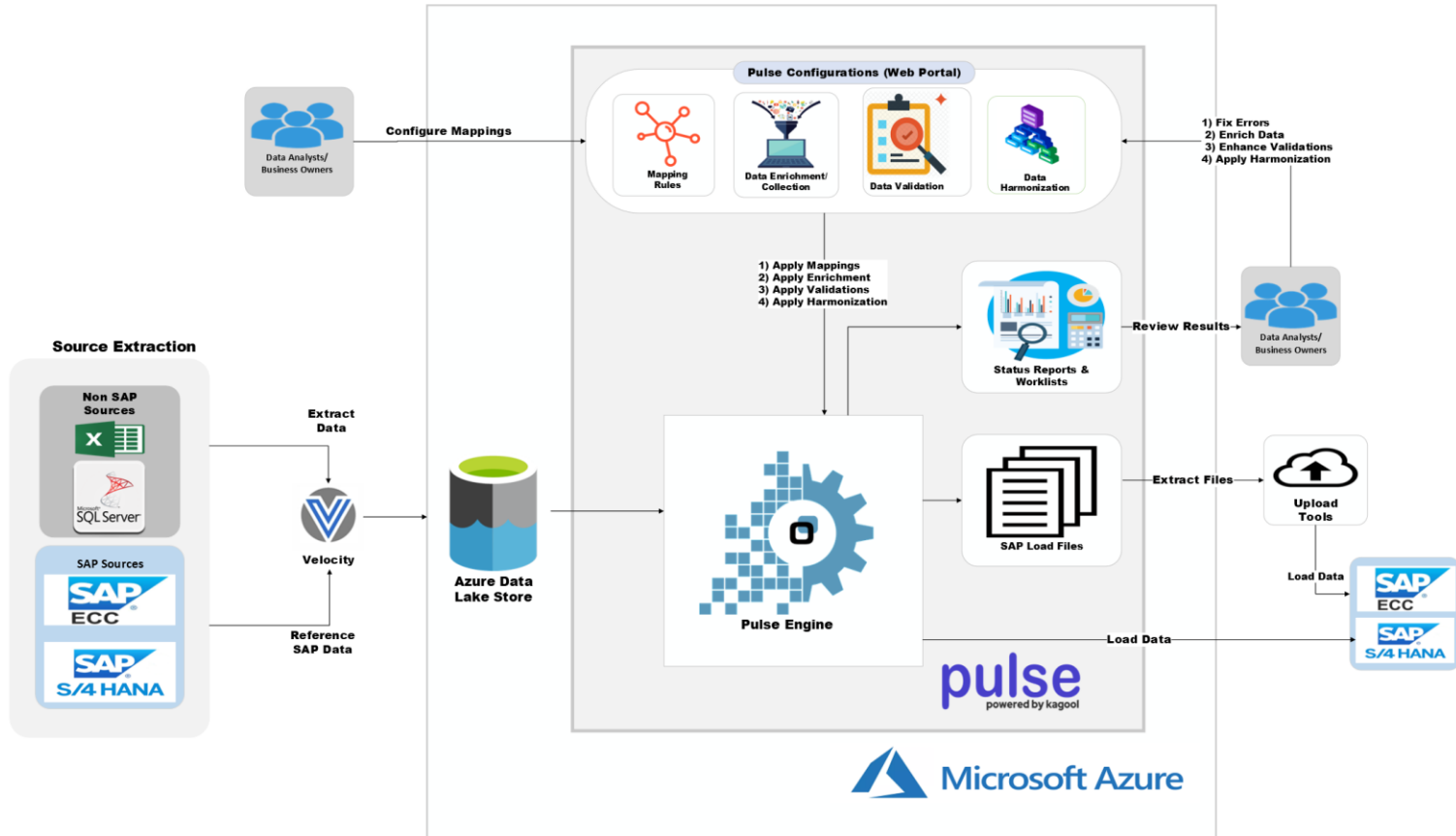
Pulse Provides 3 automation capabilities for managing Enterprise Data



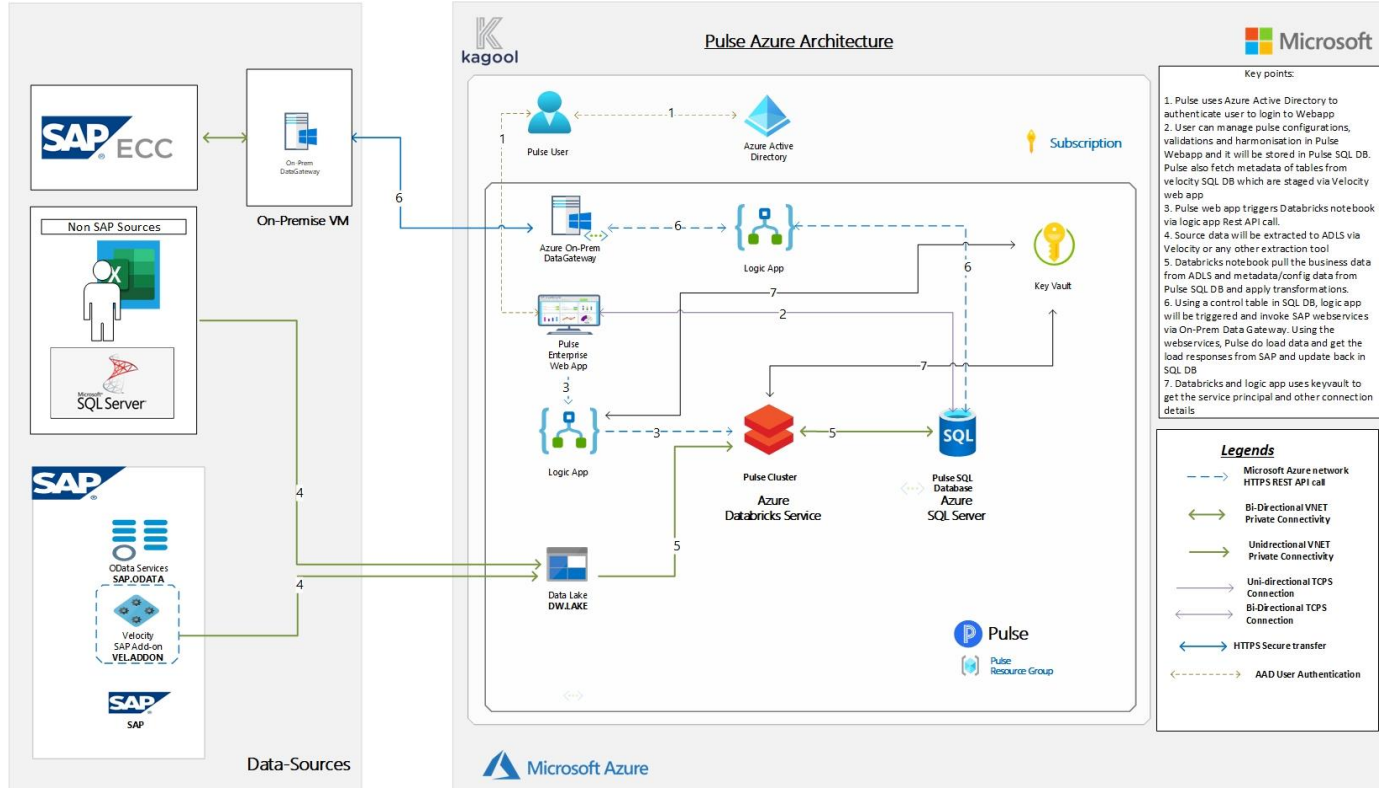
- Data Migration Projects require DQM and MDM capabilities
- DM is short lived during projects however DQM/MDM generally continue into BAU.

Pulse: Migration Process

Proposed Migration Process Using Pulse



Pulse: Architecture diagram



Pulse Capabilities



- **Auto-Validation:** SAP Standard validation rules auto applied out of the box - no efforts required
- **Acceleration:** Additional validation rules are added as configuration (in minutes)
- **Worklists:** Business Facing Web portals for Errors & Enrichment worklists with fix time SLA tracking
- **Dashboards:** Real-time metrics for workstream, Management & Business SMEs
- **Automation:** Removes spreadsheets and manual hand-balling of files automating the e2e process
- **Data Transformation:** Transform & harmonization rules are configurable
- **Load:** Create/Modify records in SAP in real time or batch process
- **SaaS:** Available immediately
- **Reconciliation:** out of the box
- **Reusability:** Of ETL configurations for future releases/waves
- **Integration:** Leverages any existing Extract & Load Processes

Pulse for DQM: Benefits

- Realtime Status Metrics on Data Quality
- Errors tracked against SLAs with RAG to show non-adherence
- Supporting foundation for Data Driven organisations
 - Provides transparency on metrics – Single Source of Truth
 - Promotes functional Data Ownership and accountability
 - Improved Team Behaviours (Projects & BAU)
 - Leads to functional SAL benchmarking and KPI improvements
 - Irrefutable status on DQ position across business functions
- Transactional business processes become more predictable



Measureable



Predictable



Accelerated



Simplified



Automated



Accountable

Pulse for MDM: Benefits

- Task Orchestration automatically pushes the process between teams to complete
- Enrichment data validated/gated before pushing to SAP
- Enrichment tasks automatically prioritised & triaged
- Impact Timer warns exact date when business process will be impacted if not completed
- Transactional business processes become more predictable – less issues
- Smoother more efficient business operations



Measureable



Predictable



Accelerated



Simplified



Automated



Accountable

Pulse for DM: Benefits

- Fully automated process Extract -> Validation -> Load -> Recon -> Metrics -> Worklist Updates
- Spreadsheets eliminated from E2E process
- Entire Process fully Orchestrated by Pulse
 - User activities triaged, sequenced
 - Combined with overall process automation
- Load to SAP in *Test Mode* – without committing data
- Data Load Lineage covering counts Source, Validation, Load, Recon
- Transparent status of Workstream performance
- One click Data Reconciliation
- Inbuilt Harmonisation Process



Measureable



Predictable



Accelerated



Simplified



Automated



Accountable