Maximize & Accelerate Value from Your Data

DIGITAL BUSINESS = MANAGE DATA

Today's companies generate and process huge volumes of data across complex system landscapes, cross-functional processes and a diverse array of external sources. To succeed in this environment, expertise managing data is now critical.

DATA CHALLENGES

Data speed and complexity are accelerating with rising expectations of customers, supply chain partners and internal stakeholders. Both IT and the business face an increased reliance on external data and systems, but lack metrics, clear ownership and adequate tools. Key data needs go unmet with significant impact to the business.

Data quality problems cost American businesses over $600 billion annually.

- The Data Warehousing Institute

Success in today's Digital Universe requires expertise Managing Data

INTRODUCING DVSUM

DvSum provides a patented technology platform with a complete set of tools to manage, analyze and cleanse your data. We deliver on the promise of a true software-as-a-service offering - **Setup in hours, analyze live data within a day**

Data Management From the Cloud ...**without pulling bulk data** ...**across systems & processes...**

VALUE WITH DVSUM

- Increase project ROI, speed time to value

- Lower cost of quality, improve efficiency

- Elevate value across systems and processes

- Expand data insights and analysis

BEYOND IT DATA QUALITY

Today's requirements go well beyond missing data and valid formats in a database. Reconciliation and validation must occur *between* systems, while applying business context within a process, including the timing and variance between cycles and cross-functional requirements. A closed-loop process is also required to ensure data is fixed and remains at a high-level, aligned to the business processes and KPIs.

Pre-built Rules Library Accelerates Analysis & Value

Analysis & Insights	Plan Quality	Data Readiness to Target	Data Correlations	Cost of Quality	
Business & Process Context	Validation across Applications	Planning Factors vs Actuals	Expected Business Value Product, Location, Period	Run Variance	
Data Foundations	Missing, Duplicates, Valid Format	Master Data	Expected Value Logic	Standardize & Normalize	Application Model Compatibility

DATA-PARC PROCESS

PROFILE *Explore & Discover data flows, characteristics, and structures. Establish baselines to set targets and determine rules.*

AUDIT *Create & run rules to validate & cross-reference data quality, integrity & timing. Associate rules to processes, automate or run ad hoc.*

REVIEW *Analyze audit results, exceptions, progress to KPIs and trends. Identify root-causes, focus areas, and actions to fix data.*

COMPLY *Define & orchestrate the process to drive data improvements. Establish ownership, KPIs, milestones, assign actions, rules & approvals for cleansing data.*

LEVERAGE COMMUNITY

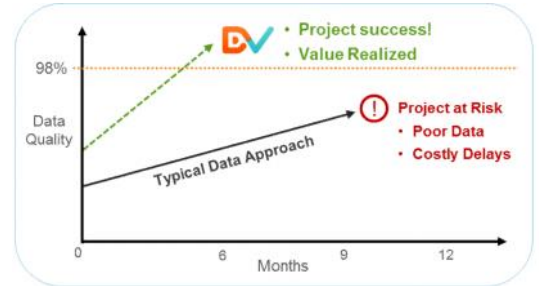The pre-built rules library includes templates specific to supply chain and ERP applications, and is expanding along with our growing community.

EMPOWER THE BUSINESS

Easy to use interfaces and intuitive wizards enable non-technical users to take a proactive, collaborative approach with IT, instead of reactive firefighting.

Ensure Project Success

THE PROJECT CHALLENGE

New system implementations, migrations and consolidation projects all share a common risk that determines success or failure - Data!

Success requires the orchestration of data across multiple systems and processes with various requirements which must be met to realize the benefits.

> 40% of capital projects fail to realize anticipated benefits. The primary cause is poor data quality. - Gartner

DATA REQUIREMENTS

New solutions mean increased data volume, granularity and frequency of updates. High quality data is a requirement to simply generate feasible results. Business users and decision makers have high sensitively to data quality - if they can't trust the data, they won't use the system.

> Automating the average business process requires 98% data quality. The cost of quality averages 20% of the total process cost.

PROJECT RISKS

Interfaces need to be built and validated, and batch processes tested, unfortunately, data is often taken for granted with sample data sets and partial spot checks during the project, and validation pushed back onto the users. The result is costly delays and limited functionality that puts the project at risk.
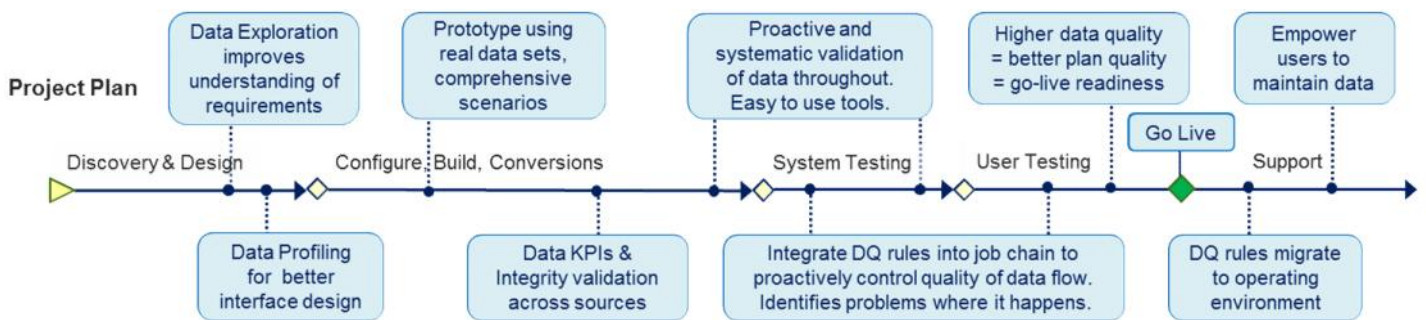
SUCCESS WITH DVSUM

Our tools and proven approach deliver value before, during and after project go-live. Pre-built rules get you up and running quickly, and transition seamlessly for on-going support to cleanse and sustain your valuable data.

DVSUM DELIVERS

✓ Automation to identify, prioritize & fix data issues.

✓ Testing framework integrated to job scheduling

✓ Automated regression interface testing. Isolate interface vs data issues.

✓ Pre-built rules library for ERP and Supply Chain

✓ Workflow for efficient and repeatable processes with action items and KPIs

Best practice approach to accelerate & maximize value from your data, and ensure project success.

Project Plan

Discovery & Design → Configure, Build, Conversions → System Testing → User Testing → Go Live → Support

- Data Exploration improves understanding of requirements
- Prototype using real data sets, comprehensive scenarios
- Proactive and systematic validation of data throughout. Easy to use tools.
- Higher data quality = better plan quality = go-live readiness
- Empower users to maintain data

- Data Profiling for better interface design
- Data KPIs & Integrity validation across sources
- Integrate DQ rules into job chain to proactively control quality of data flow. Identifies problems where it happens.
- DQ rules migrate to operating environment

BEYOND TECHNOLOGY

We know business and we know data. From pre-project data readiness and impact assessments to planning, we help accelerate value from your data.

Our teams bring deep experience in supply chain, manufacturing and enterprise software through numerous system and process initiatives. We combine the knowledge and tools to ensure project success.

PROVEN SUCESS

A large SAP and JDA Supply Chain project faced a $3M project delay. They were struggling with data during testing and couldn't generate usable plans or reports.

DvSum's automated tools and best practice approach quickly accelerated supply chain data quality to 99% which avoided the $3M delay and helped ensure project value.

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