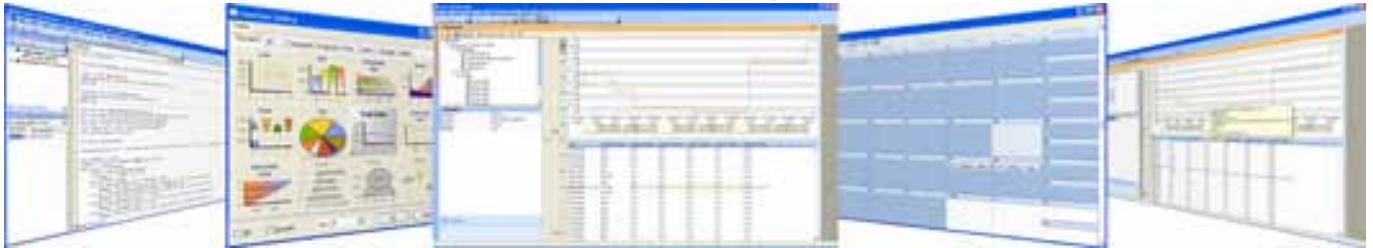


Genic DataManager

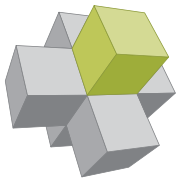


Clean, consistent, timely and efficiently managed market and reference data is the essential component of every operational process. Any problems with the core reference data ripple throughout the enterprise, increasing cost and risk while jeopardising service reputation. Regulation and competition are forcing traditionally product-centric firms to adopt a centralised data management approach. DataGenic helps its customers' transition from disparate silo data environments to consolidated enterprise-wide business views to support operations and decision making.

Genic DataManager is an integrated, model-driven and flexible software platform that adapts to your business requirements, allowing access to the full range of critical business information and complex analytics. It offers the next generation of architectural flexibility for managing all types of data.

Areas of Application

- **Multi-Vendor Collection System**
From basic formats XML, EDI, FTP to advanced system integration
- **Golden Copy | Security Master File**
Manage a central database | Version control
- **Data Reporting**
Report templates | Define layouts | User defined using VBA
- **Cleansing | Reconciliation**
Validate, estimate, edit, clean and reconcile data feeds | Normalise and derive data
- **Straight Through Processing**
Extract, transform and load data | Library of interfaces
- **Auditing**
Self documenting audit trail | Extensive audit
- **Knowledge Applications**
Graph, manipulate, search, report, model, group, validate, aggregate and program
- **Batch and Intra-day Requests**
Request data | Capture snapshots of real-time data
- **Entitlements | Security**
User and system control | LDAP Security
- **Data Modelling**
Best practice data models | Define relations and dependencies
- **Workflow Management**
Escalate anomalies | Associate workflows with data system and events
- **Versioning | Roll-back**
Transactional integrity | Snapshot isolation

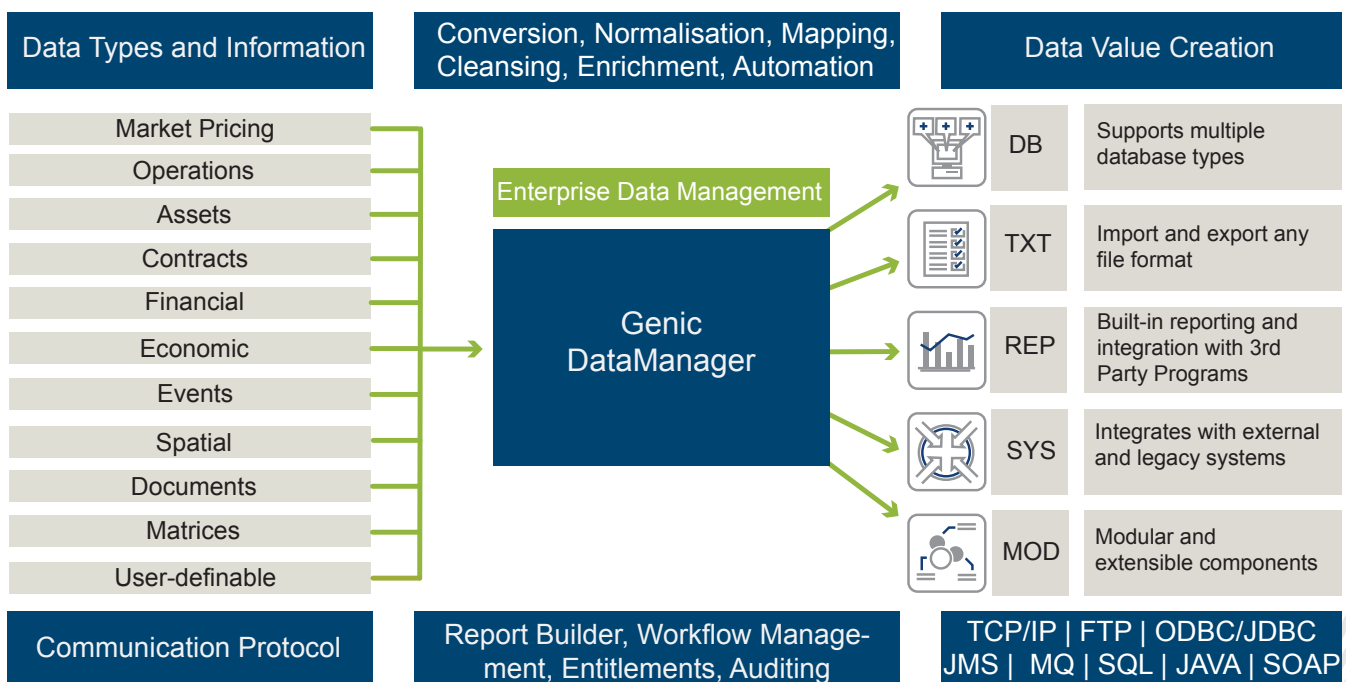


For all your data needs

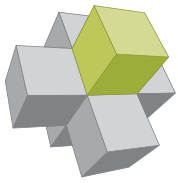
Genic DataManager encompasses end-to-end data management processes and workflow, offering comprehensive data management capabilities including data acquisition, normalisation, validation, source consolidation, cleansing, enhancement and distribution – and ensuring maximum automation while allowing manual intervention.

Genic DataManager provides data integration and unparalleled data management capabilities - so you can be sure to get the right data, in the right place at the right time. Genic DataManager allows you the flexibility to tightly integrate information from disparate sources across different timeframes to fulfil the obligations of the company's operational needs and user activities.

Genic DataManager offers companies the system infrastructure, flexibility and features to empower all Business Functions. Genic DataManager provides a cohesive and synergistic set of tools for your organisation to integrate with other applications, providing a 360 degree view of data to instantly transform it into useful information for analysis and decision making. With unified views of key shared data that is reliable, timely and complete, companies can finally benefit from all their data assets within operational business processes.



With facilities for data integration, enrichment and workflow management, Genic DataManager provides out-of-the-box functionality for most of the daily tasks. The balanced blend between standardisation and customisation helped to reduce the overall costs of data management whilst ensuring a 'fit-for-purpose' strategic asset.

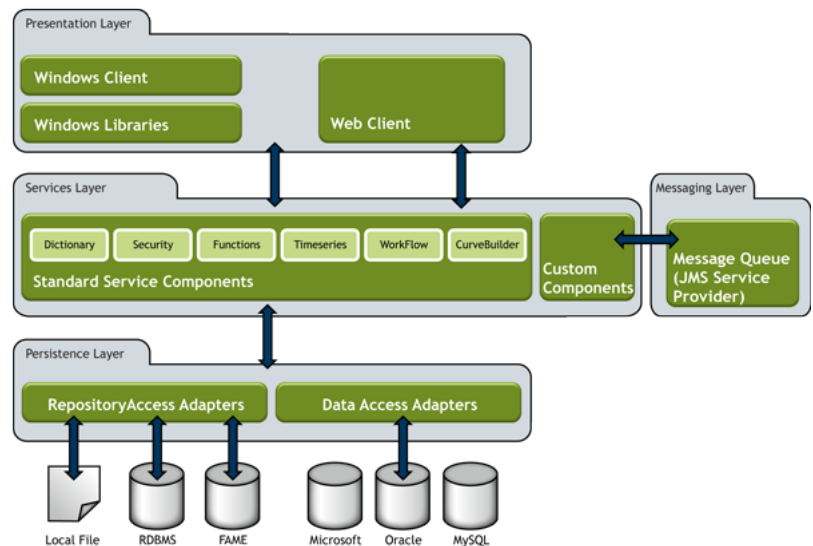


Architectural Flexibility

Genic DataManager adopts a 3-tier software architecture.

The **first tier** is the user interface (client application). The client application can be installed in most Windows operating system such as Windows 2000, XP and Vista. The client application communicates with the Application Server via the web services.

The **middle tier** provides the business logic with specialised components covering security, dictionary functions, timeseries, analytics and reporting. This middle tier uses standard J2EE application servers such as BEA Weblogic and JBoss that can be scaled to provide data loading and access for thousands of processes and users.



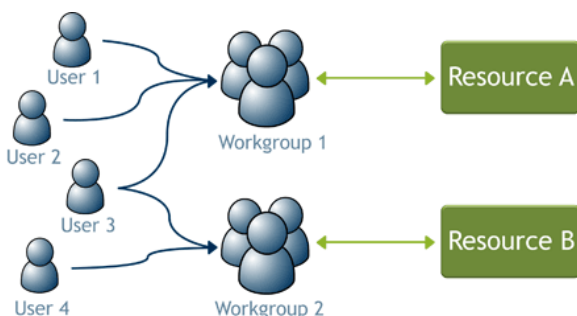
The **third tier** is the data management (server) component. It consists of two data adapters: one for the storage of meta-data and reference data; the other for time-series, vector and matrix data. This hybrid approach maximises our ability to optimise performance, scalability and adaptability.

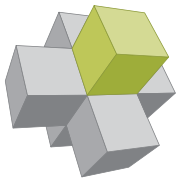
Securing your Data

Genic DataManager uses 'single sign-on' to authenticate users into the server. It passes your domain authenticated credentials to the Genic DataManager security component in the format USERID@DOMAIN which are used to manage your access rights within the system. Alternatively, users can be authenticated with a user name and encrypted password where the local domain is considered insecure.

The database access control is segregated into resource level and workgroup level.

A resource group consists of multiple models, actions or groups that were given read-write access. These resources are then mapped to different workgroups. Each workgroup may be mapped to multiple resources. Genic DataManager enables the administrator to assign individual users to different work groups. Users who belonged to the workgroup will be able to access any models, actions or groups residing in that resource.



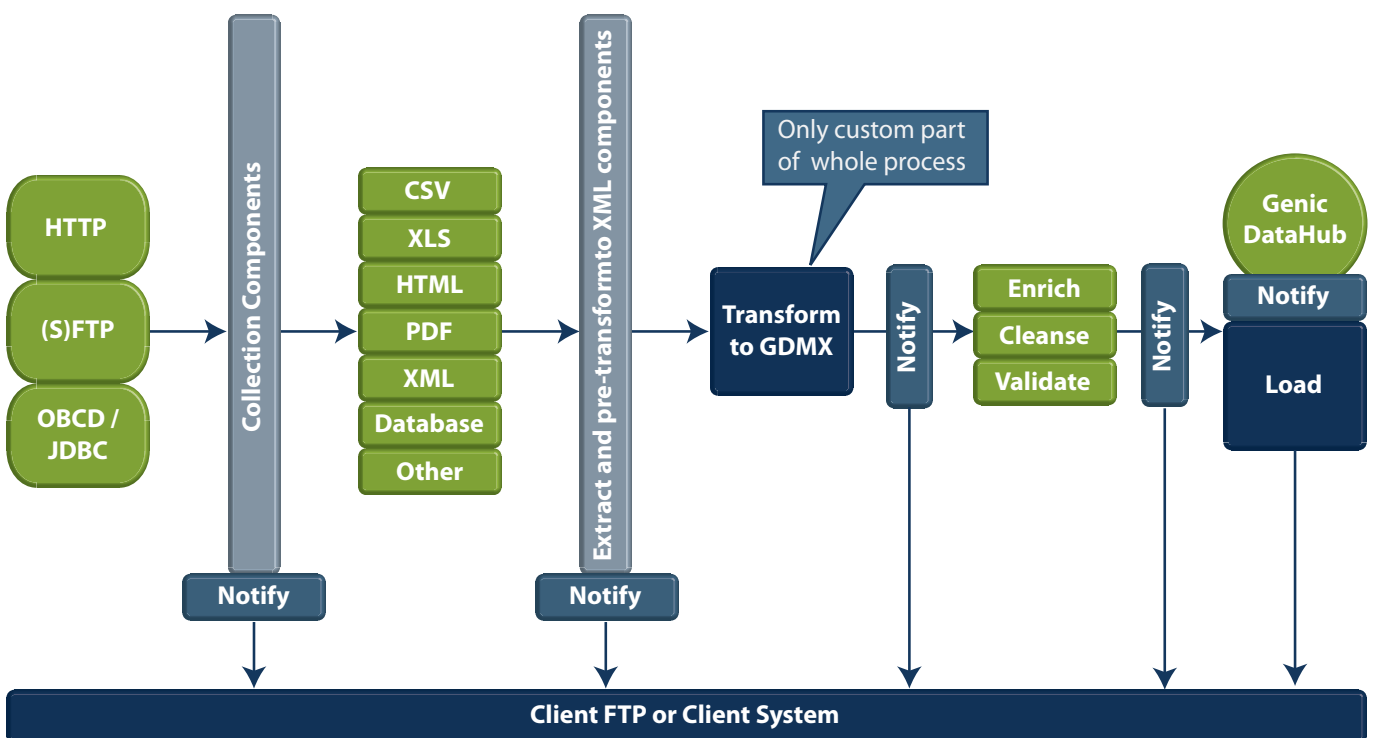


Ease of Data Integration

Genic DataManager provide organisations with the flexibility, reliability and agility to respond quickly to new data integration requirements, consolidate vendors, standardise on one integration solution and reduce the overall cost of data integration.

Each part of the integration process is provided to the user as a collection of components, with most data locations and data formats already provided as part of the framework. Clients no longer require the assistance of the software provider to add new data sources from an internal database, or capture data from a new website.

Extensible component libraries empowers the client from day 1 to ensure a rapid response to business needs with minimal effort and lower costs.



- Collect data from multiple locations including: HTTP, File-based, Relational Databases, Time-Series
- Transform semi-structured or unstructured forms such as CSV, XLS, HTML, PDF into standard XML format (pre-transformation process)
- XML translation process from Standard XML to Genic GDMX format ready for either loading into Genic DataManager or for further processing, including data validation (profiling) and data enrichment
- Organise, schedule all processes via the Genic Workflow



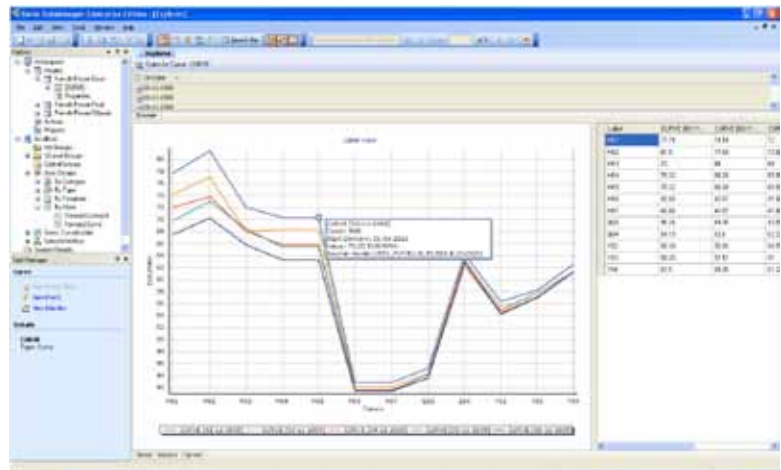
Forward Curve Management

Given the importance of these curves for mark-to-market, risk exposure, key inputs for derivative pricing models, trader evaluation strategies and (erroneously) as price forecasts, it is paramount to ensure this valuable and extremely important data is captured, managed, derived and distributed in a robust, scalable, auditable and automated environment. Genic DataManager provides that environment with integrated Visual Basic for Applications (VBA).

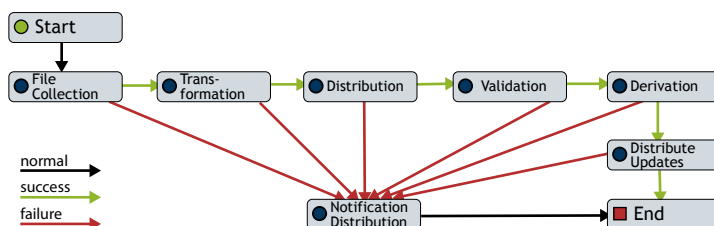
Genic CurveBuilder

Genic DataManager offers the ability to create, execute and manage all forward curves via Genic CurveBuilder (with an additional option of using client and server side actions). For clients who require the complex flexibility, management and visibility in the creation and management of the curves, Genic CurveBuilder is the ideal environment.

- Fully flexible application capable of construction of simple to complex curve calculations in controlled environment
- 4 Curve construction methods: Simple, Derived, Rules-based and Custom
- Curve disaggregation and tenor point drill down
- Fully integrated with Genic DataManager and Genic WorkFlow
- Automation of all curve construction

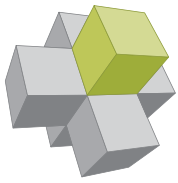


Managing your data flows



Genic Workflow and BPM platform brings a highly flexible, convenient and transparent approach in the automation and management of process flows. Fully integrated with Genic DataManager, Genic Workflow enables enterprises to create

and automate business processes that coordinate between people, applications and services. By providing a flexible and robust framework for creating, coordinating, and monitoring business processes, Genic Workflow makes changing complex business processes easier, significantly enhancing business agility.



There's an edition for you

Genic DataManager is available in a choice of Editions: Express, Standard and Enterprise Editions. All editions are built using the same common code base, which means ease of scalability without changing a single line of code.

Benefiting your whole organisation

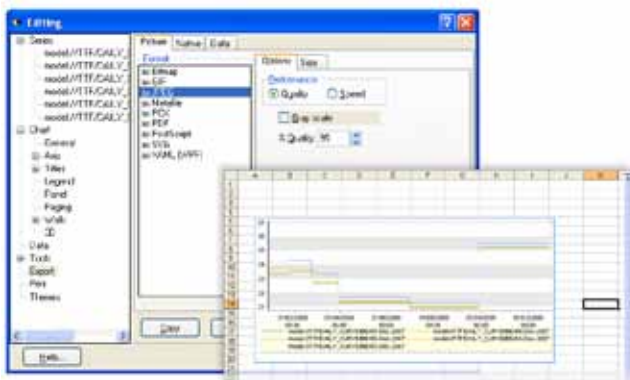
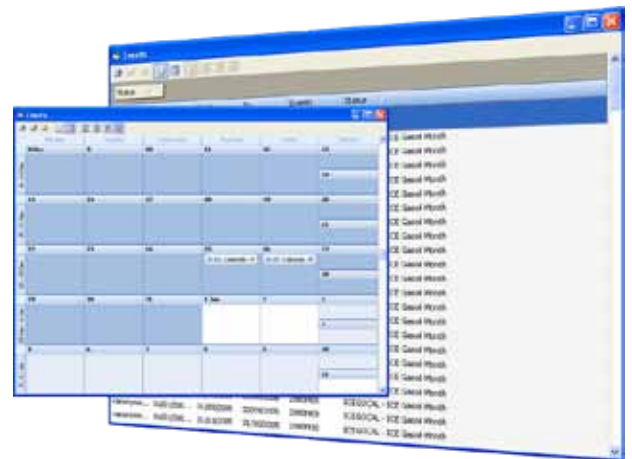
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Data as an Information Asset

- Improved business planning
- Better targeting of customers
- Reduction in operational risk
- Satisfy regulatory requirements

Creating Competitive Advantage

- Ability to adapt to changing environment
- Unified views of shared data
- Data becomes strategic asset

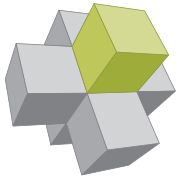


Increase Efficiency

- Minimise manual activities
- Increase trade processing efficiency
- Reduce support costs
- Improve analysis and report accuracy

Increase Revenue

- Better trades & negotiations
- Improve client margin analysis
- Data becomes strategic asset



DataGenic

integrating your world

Genic DataManager

About DataGenic

Since its creation in 2002, DataGenic is recognised as an international specialist in the delivery of data management solutions. DataGenic has developed an unrivalled knowledge of interval data, market pricing and reference data required by the industry, the complex usage of this data in analysis, trading, decision support, risk management, portfolio optimisation, operations and sales, and the technology needed to deliver and integrate information across the enterprise.

From a low-cost entry level to a full enterprise strength system, DataGenic sets a new standard in data management and operational efficiency by delivering the system infrastructure, flexibility and features to benefit from all their data assets within operational business processes.

Contact Information

For more information about DataGenic and how we can help your business please contact your nearest office.

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