Experian Pandora

Ensure your data related projects meet and exceed business expectations

Experian Pandora provides interactive functionality to:

- Profile and interrogate all data from all your systems

- Discover relationships and derive dependencies across all data

- Assess data quality with re-usable validation rules

- Prototype and validate re-usable business rules using all data

- Automatically generate full sets of data to test target applications (early UAT)

- Generate complete data movement and transformation specification documents

- Define and manage a glossary of business terms and their physical implementations

- Define and manage business relevant Data Quality scorecards and KPIs

- Monitor and report on data quality

Experian Pandora provides three main functions; Data Analysis, Data Prototyping and Data Management.

Data Analysis provides data transparency at an enterprise level. It allows data architects and subject matter experts to investigate and assess data content, structure, relationships and quality. Experian Pandora provides unlimited speed of thought browsing and interrogation of data and metadata. The single, consolidated repository of knowledge about data will underpin all subsequent data-dependent projects.
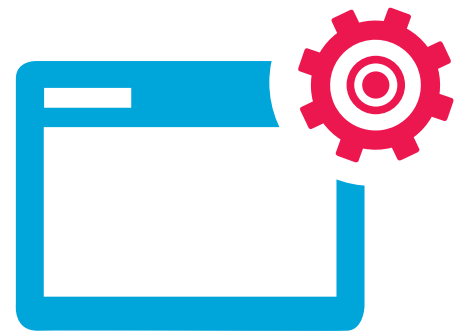
Data Prototyping allows Data Architects and Analysts to generate complete, optimised, unambiguous and fully validated mapping specification documents for end-to-end data integration processes, along with full sets of associated test data.

Data Management enables organisations to identify and investigate relevant data, assess and improve its quality, and control this process over time, independent of whether the information concerns customers, products, finance, sales or other business areas. Business rules are associated with monetary measures to provide business relevant financial KPIs, and their results are stored to provide time-based directional KPIs.

Determine the status of your data

Fully understanding your starting point will underpin all subsequent work on the project. Simply point Experian Pandora at all potentially relevant sources of data – databases or spreadsheets – and it will automatically analyse them, providing rich insight into its content and structure. The Platform uses statistical analysis to automatically highlight possible issues across all your source systems and can provide conclusive identification of all relevant data. You can also document your investigations, findings and conclusions directly within Experian Pandora.

Experian Pandora is an innovative software product which is allowing organisations to reduce resource and delivery times on data-dependent projects by as much as 95%* while providing higher quality results.

*This solution was used in a Data Migration project for a Government department originally projected to take 3 months and 180 man days with 3 to 4 people. Utilising this solution the project was delivered by 1 person in 5 days; a 95% reduction in project effort.

Establish a common vocabulary
Your team can analyse and define the business meaning of each of the data items discovered, a requirement of most Data Governance work. They will immediately identify all places containing a particular type of data and group them together under a common definition.

Apply your own quality measures
Insert your business's own data quality rules and weight the scores according to their importance to the profitability of your business. Rules are consistently applied across all data from all systems.

Remediate, or not
Use Experian Pandora to specify and validate your data correction rules, and generate a document which details the rules you applied in order to produce the corrected data. If you decide not to remediate, you can document this
fact with the justification in the Platform for future reference.

Monitor data quality
Define and apply your own data quality measurement rules, and automatically produce standard dashboards with data quality Key Performance Indicators over time to monitor progress.

Build data movement processes
Using Experian Pandora's graphical design tool, specify and prototype the processes used to populate any system.

Data may have to be transformed, enriched or cleaned up, or perhaps matched to external and historical data. Prototyping makes the process easy - results of the transformations can be viewed and validated on-the-fly. Experian Pandora remembers everything you have done to the data, resulting in transparent reporting. In many cases, you can even use Experian Pandora to execute the data movement processes.

Provide an audit trail
Whether you want to show that your analysis is diligent, your calculations are based on the correct information, your terminology is consistent, or your data quality processes are effective, Experian Pandora provides the necessary information. Show, for example, all the logic applied to the data to build a data warehouse and access the actual data and associated project notes used to define those data load processes.

Report
Immediately answer ad-hoc questions about the project, its processes and its data, whether from the business or from auditors/ regulators.

Experian Pandora is secure, multi-user collaborative software which requires no configuration or administration. It provides results easily and quickly, regardless of the data volumes and runs on commodity hardware.

About Experian Data Quality

Experian Data Quality has built up exceptional market coverage assisting customers with their unique data quality challenges. We provide a comprehensive toolkit for data quality projects combining our market leading software with a vast scope of reference data assets and services. Our mission is to put our customers in a position to make the right decisions from accurate and reliable data. The size and scope of data management projects varies considerably but the common factor in all ventures is unlocking operational efficiency and improving customer engagement. We see the potential of data. Whether it's in enabling ambulances to be sent to the exact location of an emergency or attributing charitable donations to the people who need it the most - data accuracy makes all the difference to service provision.

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