**Introducing Indigo DQM Data Management and Reporting System**

Indigo DQM Data Management System represents the ultimate in professional and secure data management and reporting. With a significant range of expert capabilities included in an all-in-one solution all your data requirements are satisfied with this powerful software system. Featuring advanced query, processing and reporting capabilities our software is designed to maximise data assets, increase business value and intelligence.

Working with Data, on or off the cloud, Indigo DQM's secure application is optimised for sensitive and secure handling of Data on both private and public networks offering far superior security and functionality to any cloud based solutions.

Indigo DQM is an information and data reporting powerhouse and includes all the tools required for managing, querying and processing data as a valuable asset and resource.

**Benefits of Indigo DQM**

- **Maximises Data Assets**
- **Increase Business Value and Intelligence**
- **Boost Competitive Advantage**
- **Lower support Overhead**
- **Reduce Business Costs**
- **Centralise Technology Solutions**
- **Manage any Data Source**
- **Superior Data Security**
- **Consolidation of Data**
- **Seamless Migration and Conversion of Data**
- **Reusable Software Platform**
- **Complete all-in-one Solution**
- **Electronic Data Interchange**
- **Secure and Encrypt Data Assets**
- **Reduce IT and support overhead**

Indigo DQM provides the ultimate software tools for Data Management, Processing and Reporting increasing business intelligence, opportunities and value.

**Ultimate Data Management**

Representing the ultimate in professional and secure data management, Indigo DQM comprehensively covers all aspects of managing and processing demanding business data. This includes data queries, data analyses, data extraction, data mining, data migration and transformation, execution plans, data security, data backup, report generation plus much more...

Our software can read, write, convert and translate Data into many different formats and types allowing Data to be intelligible and interchangeable between different applications and databases.

The ability to easily access and work with data no matter where it is located or what application created it makes Indigo DQM unique and opens up endless opportunities to different businesses using various data platforms.

Whatever your type of business or organization our software can help make the best of your most important asset.

**Advanced Features**

Indigo DQM is an information and data reporting powerhouse and includes all the tools required for managing, querying and processing data as a valuable asset and resource.

- **Data Queries and Execution Plans on Demand**
- **Data Analysis, Extraction and Migration**
- **Data Consolidation and Collection**
- **Data Ingestion and Interchange**
- **Data Transformation and Conversion**
- **Data SQL, XPath, XQuery, XSLT and Python**
- **Data Filtering, Sorting and Processing**
- **Data Reporting and Document Generation**
- **Data Reports in HTML, PDF, DocX and RSS**
- **Data Web Scraping and Crawling**
- **Data Mining, Harvesting and Warehousing**
- **Data Downloads and Feeds from the Internet**
- **Data Execution Plans, Logs and Auditing**
- **Data Automation, Scheduling and Scripting**
- **Data Security and Encryption**
- **Data Backup, Restore and Data Migration**
- **Data from multiple Sources and Types supported**
- **Data Assets Stores for multiple Data Projects**

**Applications and Usage**

Indigo DQM offers a complete solution to all business regardless of type and can be used to enhance existing business intelligence and create opportunities to work with new clients to build it even further.

- **Data Management, Query and Reporting**
- **Data Analysis, Information and Statistics**
- **Data Processing, Security and Encryption**
- **Sales Prospecting and Marketing Tool**
- **Customer, Client and Product Analysis**
- **Financial Data, Trends and Market Analysis**
- **Management Information Reports**
- **Web Data Scraping and Crawling**
- **Business Information and Data Intelligence**
- **Scientific Research and Experiments**
- **Data Harvesting and Warehousing**
- **Migration of Data to other systems / platforms**
- **Database Administration and Reporting**
- **Software Development and Design**
- **Quality Assurance Engineering**
- **Business and Data Analytics**
- **Educational and Training Tool**
- **Electronic Data Interchange**
- **Plus much more...**

Indigo DQM offers a complete solution to both public and private industry by providing the ultimate software tools for Data Management, Processing and Reporting. Our suite of software tools will bring immediate benefits to your business increasing your capabilities and competitive advantage.

## Data Queries, Transforms and Scripting

The Data Management Engine can run queries and process data against any type of Data Source using standard relational SQL queries and / or XQuery / XPath and Python. Indigo DQM supports multiple Data Sources and Types including Microsoft SQL Server, Microsoft Access, ODBC, OLEDB, MySQL, Oracle, Postgre, Firebird, XML, JSon and CSV.

XQuery can be used to query Data Sources and contains a superset of XPath expression syntax to address specific parts of an XML document. The language is based on the XQuery and XPath Data Model (XDM) which uses a tree-structured model of the information content of an XML document.

XSLT and is designed for use as part of XSL, which is a stylesheet language for XML. In addition to XSLT, XSL includes an XML vocabulary for specifying formatting. XSL specifies the styling of an XML document by using XSLT to describe how the document is transformed into another XML document that uses the formatting vocabulary.

In addition to XQuery Indigo DQM can use IronPython an open-source implementation of the Python programming language which is tightly integrated with the .NET Framework. IronPython can use the .NET Framework and Python libraries, and other .NET languages can use Python code just as easily. Python Scripting can be used to Query, Analyze and Transform Data Sources.

## Data Security and Encryption

Indigo DQM is the most secure way to manage, query, process and report on your Data Assets. Because Indigo DQM is a software application that is installed on private computers it has the best security for managing Data on both private and public networks where Data security is of the utmost concern and priority.

Delivering a far higher level of security and functionality than any cloud based solutions Indigo DQM ensures your Data Assets are protected at all times.

Featuring AES 256 Encryption your Data Assets can be stored and transmitted across the Internet / Cloud in the most secure way possible. The Advanced Encryption System (AES) 256 is a symmetrical encryption algorithm that uses a 256-bit Encryption Key. It is accepted by the U.S. and Canadian governments as the most secure way to store sensitive Data.

With AES-256 bit encryption you can be assured that you will be the only one who can access your critical information.

## Data Filtering, Sorting and Processing

Data Filtering is the process of choosing a smaller part of a Data Set and using that subset for viewing or analysis. Data Sorting is the process that involves rearranging the Data into some meaningful order to make it easier to understand, analyze or visualize.

When working with Data, Indigo DQM's Sorting and Filtering methods make it easy to visualize data in a form that makes it easier to comprehend the story the Data is telling.

## Data Mining / Harvesting

Indigo DQM's Data mining capabilities allows users to process and report on data from many different dimensions or angles, categorize it, and summarize the relationships identified. This information can be used to increase business intelligence, revenue, cuts costs, or both.

## Data Web Scraper and Web Crawler

Indigo DQM's HTML To XML Data Web Scraper and Web Crawler can be used to extract Data from HTML Web Pages for web indexing, data mining, Email and Link extraction, online price change monitoring and price comparison, product review scraping (to watch the competition), gathering real estate listings, weather data

monitoring, website change detection, research, tracking online presence and reputation, web mashup and, web data integration.

## Data Migration

Data migration is seamless with Indigo DQM which can map and transfer data between different formats, storage systems and types. Data migration can also be included in Execution Plans so multiple migrations can be performed in one go.

Typically Data migration takes 30 to 40 percent of the effort in any new application project. Whether you're implementing an entirely new enterprise application or consolidating, upgrading, or modernizing an existing one, Indigo DQM data migration effortlessly handles all migration requirements ensuring your projects are a success.

## Data Execution Plans

Execution Plans can run multiple Data Command Queries against multiple Data Sources and Types in one operation. This powerful feature allows Data from different locations to be brought together into one result with the outputs being available for data warehousing, saving, migration and reporting.

## Electronic Data Interchange

Indigo DQM allows users to easily interchange, process and work with data - no matter where it is located or which application created it. This opens up endless opportunities to businesses that may be accessing and sharing their data via a variety of different data platforms.

## Data Assets Stores

Data Assets Stores are Data Projects that are stored in a shared Data Repository for shared access, editing, data query, reporting and execution. The Indigo DQM Data Asset Store allows Data Queries, Data Sources, Data Reports and Execution Plans to be organized into Data Folders for the most effective Data Management and availability of Data Assets. Multiple Projects or Data Asset Stores can be configured.

## Data Reporting and Document Generation

Indigo DQM Data Management System uses the Indigo DRS Data Reporting System to create advanced reports and documents.

The Indigo DRS Data Report Engine is an information and data reporting powerhouse and is unique in its ability to Query in both XQuery and Python and use Data from multiple Data Sources and Types.

## Reporting Features

- Powerful RDL Report Engine
- XQuery / XPath, XSLT, Python, SQL
- Data Visualization, Charting and Graphs
- Data Tables and Pivot Tables
- Data Filtering and Sorting
- Expression and Formula Evaluation
- Report Rules and Data Contexts
- Artificial Intelligence / Machine Learning*
- Table of Contents and Indexing
- Sub Reports, Modular / Shared Reporting
- Include Data from XML, JSon, CSV, XLSX
- Query and Import Data from API's
- HTML, PDF and Text Document Outputs
- PDF Security, Permissions and Certificates
- Template Management and Publishing Tools
- Report Licensing Entitlement*
- Reusable Reporting Platform (.NET Library)

Indigo DRS is an advanced reusable reporting and document generation platform that gives the best functionality and compatibility with advanced reporting features and effortless integration of this technology into your projects you can be assured of having the best reporting capabilities.

**Ultimate Data Compatibility**

Indigo DQM represents the ultimate Data Management and Reporting System and is unique in its ability to support multiple Data Sources and Types simultaneously including Microsoft SQL Server, Microsoft Access, ODBC, OLEDB, MySQL, Oracle, Postgre, Firebird, XML, JSon and CSV.

**Prerequisites**

Any Win32 or Win64 operating system (server or workstation): Windows Vista, Windows 7, Windows 8, Windows 10 or Windows Server 2003, 2008, 2012 etc.

**Compatibility**

Indigo DQM is compatible with Data Sources on most operating systems such as Windows, Linux, Unix, Mac OS etc. using XML, JSon, CSV or HTML as the Data Source.

The system is highly configurable and adaptable making it compatible with most data and reporting requirements regardless of infrastructure or schema.

The reports generated by Indigo DRS give the best functionality and compatibility and because they use standard HTML for reporting the documents can be displayed on any type of device whether a PC, tablet, mobile and in any type of browser.

**Licensing**

One software license is required per user.

**Compatibility**

• **Operating Systems for Deployment**
Windows 2012
Windows 2008
Windows 10
Windows 8
Windows 7
Windows Vista
Windows 2003
Windows XP
• **Architecture of Product**
32Bit, 64Bit
• **Tool Type**
Application
• **Business Function**
Data Management, Data Query,
Data Processing, Data Reporting
• **Compatible Data Sources**
Microsoft SQL Server
Microsoft Access
MySQL
Oracle
Postgre
Firebird
ODBC
OLEDB
XML, JSon,
CSV, TXT
• **Reporting Formats**
HTML, PDF, RSS,

CSV, TXT, XML,
XSLT, RDL

**Indigo DQM by AJE Software and AJE Consulting**

**Links: -**

More information about Indigo DQM at www.indigodqm.com
Indigo DQM Products www.indigodqm.com/products.shtml
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Enquires http://www.indigodqm.com/contact.shtml

Facebook Indigo DQM: http://www.facebook.com/indigodqm
Facebook Indigo DRS: http://www.facebook.com/indigodrs

**Indigo Scape DRS**

Indigo Scape DRS is an advanced Data Reporting and Document Generation System using HTML, XML and XQuery to generate highly compatible and content rich business reports and documents with standard HTML.

The DRS reporting platform gives the best functionality and compatibility with advanced reporting features and effortless integration of this technology into your projects you can be assured of having the best reporting capabilities.

http://www.indigodqm.co.uk

**AJE Software**

AJE Software specialises in advanced software systems for business and enterprise applications. Our software delivers feature rich functionality and expert features allowing your organization to use the latest software technology for your competitive advantage.

We offer a range of software applications, software components and development tools focused on delivering expert functionality, information processing, data management and reporting all with the aim of increasing business value and intelligence.

http://www.ajesoftware.co.uk

**AJE Consulting**

AJE Consulting are specialist IT consultants, software and data architects that are experts in high level data management, query and reporting systems designed to maximise data assets, information and business intelligence. Our range of powerful software will bring immediate benefits to your business increasing your capabilities and competitive advantage.

We can help any organization achieve their objectives by aiming to understand and satisfy the needs and expectations of dynamic business achieving results by utilizing state of the art technologies.

http://www.ajeconsulting.co.uk

**Keywords:** Data Query, Data Query System, Data Management, Data Management System, Data Processing, Data Analyses, Data Extraction, Data Migration, Data Conversion, Data Consolidation, Data Extraction, Data Warehousing, Data Transformation, Data Reports, Data Reporting, Data Backup, Data Restore, Data Recovery, Data Asset Management, Data Sources, Data Assets, Database, SQL, XQuery, XPath, Report Designer, Report Generation, Document Generation, Reporting System, Management Information, Management Reports