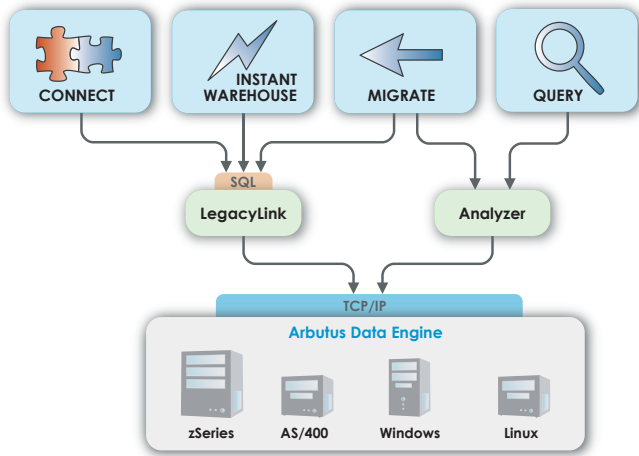


Arbutus Technology

Arbutus Data Engines



Arbutus's Data Engine resides natively on enterprise servers enabling fast, efficient data access and query processing support for solutions involving Arbutus Connect, Migrate, Query and Instant Warehouse.

The Arbutus Data Engines have been designed to help organizations address some of their most challenging data delivery and analysis requirements. A critical element of the Arbutus solution is having the data processing technology reside on the same platform as the data.

Strengths of the Arbutus Data Engine

Accessing and integrating all data

The Data Engine specializes in reading both relational and non-relational data sources; including the most complex legacy file structures. The Data Engine enables each of these data sources to appear as a table in a single unified database. Even though the data may be physically disparate, the tables may be combined in any manner desired, irrespective of the original data source.

Analyzing data

Depending on requirements, analysis can take place on either the server, the desktop, or a combination of each. The Data Engines also allow analysis to occur against 'live' data or staged data; providing complete analysis flexibility.

Moving data between platforms

The Data Engines allow data sources to be easily moved between server platforms or from the server to the desktop. Data and databases can be easily brought together from multiple platforms for analysis and reporting purposes.

Sharing of data

Where the sharing of data is an important part of your work flow processes, the Arbutus Data Engines supports the easy sharing of data access and analysis among users. It also provides the option for data access to be controlled by a central administrator, whether on-site or from a remote location.

Mainframe and AS/400 Data Engines

The mainframe and AS/400 platforms still represent a core, strategic part of many organizations IT environment. They also represent a more closed environment that creates challenges when it comes to end user data access and analysis.

Direct access and analysis of all data sources

Organizations with z/OS, OS/390, MVS or AS/400 platforms can run the run these data engines. The data engine communicates directly with the Arbutus Windows clients, LegacyLink and Analyzer to provide access to Mainframe and AS/400 based data. Having the Arbutus Server application running natively enables the direct, real-time access to, and analysis of, all data sources like DB2, IMS, VSAM, ISAM and sequential (QSAM) flat files.

Moving data out of a closed environment

This data engine can also be used to efficiently move data sources to other platforms or to freely combine data with other AS/400 or mainframe data.

Stage data from multiple platforms

The Windows and Linux platforms can be used to stage data from other platforms for the purposes of performance optimization or to increase analysis and reporting capabilities. Staging data from multiple platforms allows for the transparent joining and comparing of data from disparate sources.

Usage and access solutions for historical data from decommission platforms

Arbutus's Windows and Linux Data Engines are fully compatible with all data set structures and data types encountered on your mainframe, Unisys, HP or DEC platforms. Staging historical data is as simple as a file transfer, with no data transformation required.

Process data from any database and data warehouse

The Windows Data Engines can process data from any database that can be accessed via any ODBC connection including DB2, SQL Server and Oracle.

Optimal processing performance

The Arbutus Data Engines are optimized for strong performance in processing large data files allowing end users to experience faster response times to their queries

Offload CPU cycles from production environments, especially Mainframe and AS/400

When mainframe and AS/400 resource constraints make direct access solutions impractical, Arbutus also enables you to easily offload your critical processing to either the Windows or Linux data engine. Unlike typical open server implementations, Arbutus's Windows and Linux Data Engines are fully compatible with all data set structures and data types encountered on your mainframe or AS/400. This means that the process of staging data is as simple as a file transfer, with no data transformation required.

The result is you can implement a data mart style solution, with full access for any type of query, analysis or reporting needs, in a matter of days.



Arbutus Desktop Technology

The Arbutus Data Engine provide data access and query processing support for both LegacyLink™ and Arbutus Analyzer.

LegacyLink

Arbutus LegacyLink™ provides any Windows application, including end-user, server or web service, seamless access to any Arbutus Data Engine based data. LegacyLink reads any non-relational sequential file, regardless of complexity, and supplies that data directly to any Windows application. Because the ODBC standard is used, this data is also fully compatible with other data interfaces, such as OLE/DB, JDBC or .NET.

Analyzer

Arbutus Analyzer is a Windows based end-user tool that accesses and analyzes virtually any type of data. Arbutus Analyzer has two roles. Firstly, it is used to create data definitions and procedures that are utilized throughout the product suite. As well, Analyzer is itself a full featured query and analysis tool, providing a wide variety of reporting and analysis capabilities.

The Arbutus Data Engines provide comprehensive data support for:

Databases	Non-Relational data	Platforms
DB2	Flat files	OS/390, z/OS
IMS	VSAM	AS/400, i-series
Oracle	ISAM	Linux
SQL Server	QSAM	Windows

