ARBUTUS
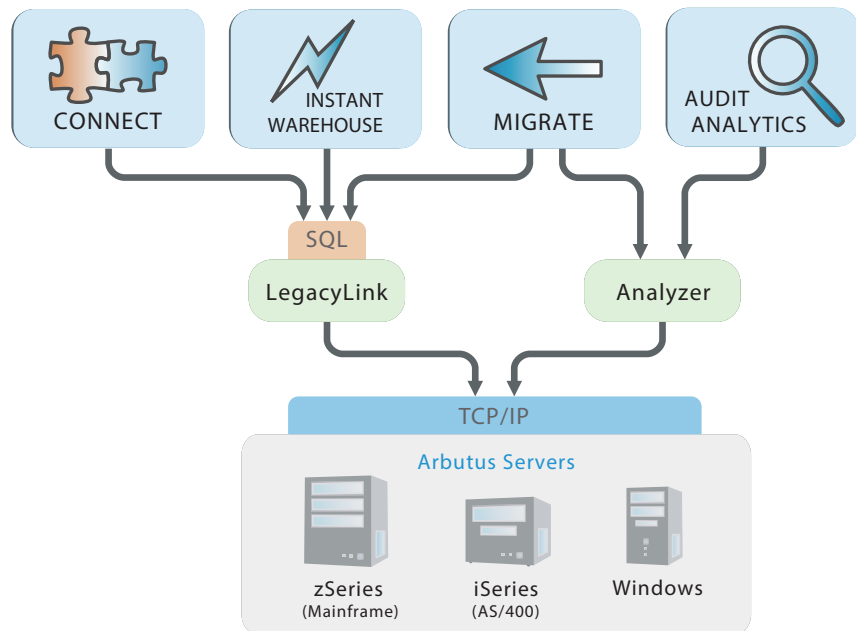
Arbutus Servers

Arbutus Servers reside natively on enterprise servers, enabling fast, efficient data access and query processing support for solutions involving Arbutus Audit Analytics, Arbutus Fraud Detection, Arbutus Connect, Arbutus Migrate, and Arbutus Instant Warehouse.

The three Arbutus Servers – Windows, Mainframe (zSeries), and AS/400 (iSeries) – 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.

DATA ACCESS AND APPLICATION PROCESSING SUPPORT

Arbutus Servers help organizations address their most challenging data delivery and analysis requirements. The Arbutus Windows Server, Arbutus Mainframe Server (zSeries), and Arbutus AS/400 Server (iSeries) provide flexible client-to-server and server-to-server options for accessing, analyzing, and transferring data.

Strengths of the Arbutus Servers
Arbutus Servers specialize in reading both relational and non-relational data sources, including the most complex legacy file structures. The Server 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 Servers also allow analysis to occur against 'live' data or staged data, providing complete analysis flexibility.

Moving Data Between Platforms
Where the sharing of data is a critical part of your workflow processes, Arbutus Servers support the easy sharing of data access and analysis among users. They also provide the option for data access to be controlled by a central administrator, whether on-site or from a remote location.

ARBUTUS MAINFRAME SERVER AND ARBUTUS AS/400 SERVER

The mainframe (zSeries) and AS/400 (iSeries) 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 Arbutus Mainframe Server and the Arbutus AS/400 Server. The Servers communicate directly with the Arbutus Windows clients, LegacyLink™, and Analyzer, to provide access to mainframe-based and AS/400-based data.

Running the Arbutus Server application natively enables direct, real-time access to, and analysis of, all data sources, including DB2, IMS, ADABAS, VSAM, ISAM, and sequential (QSAM) flat files.

Moving Data Out of a Closed Environment
The Arbutus Mainframe Server and Arbutus AS/400 Server can also be used to efficiently move data sources to other platforms or to freely combine data with other mainframe or AS/400 data.

ARBUTUS WINDOWS SERVER

Stage Data from Multiple Platforms
The Windows platform can be used to stage data from other platforms for 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.

Solutions for Historical Data from Decommissioned Platforms
Arbutus Windows Server is 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 or Data Warehouse
Arbutus Windows Server can process data from any database that can be accessed via an ODBC connection (e.g., DB2, SQL Server, Oracle).

Optimal Processing Performance
Arbutus Windows Server is optimized for strong performance in order to process large data files, so end-users experience faster responses to their queries.

Offload CPU Cycles from Production Environments
When mainframe and AS/400 resource constraints make direct access solutions impractical, Arbutus enables you to easily offload your critical processing to the Arbutus Windows Server.

Unlike typical open server implementations, our Windows Server is 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.

Fully Integrated SAP® Access via Arbutus Windows Server
Smart Link for SAP® ERP by Arbutus fills the functionality gap between current SAP reporting, query, and extraction tools. When used with Arbutus technology, Smart Link for SAP ERP enables management and business analysts to efficiently deploy tests that utilize all of their data sources.

ARBUTUS

DATA ACCESS AND QUERY PROCESSING SUPPORT

Arbutus LegacyLink™

Arbutus LegacyLink™ provides any Windows application – including end-user, server, or web service – seamless access to any Arbutus Server-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.

Arbutus Analyzer

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

Arbutus Servers provide comprehensive data support for:

Platforms
- OS/390 (z/OS)
- AS/400 (iSeries)
- Windows

Databases
- DB2
- IMS
- ADABAS
- Oracle
- SQL Server

Non-Relational Data
- Flat files
- VSAM
- ISAM
- QSAM

To request a free trial of an Arbutus Server, please contact us.

"I love the way I can build a routine so when I show up in the morning, much of the data access and preprocessing is done for me."
Jean-Guy Pitre, CFE, CISA
Wireless Express

"We prefer the use of Arbutus Analyzer over other analysis tools in our various forensic investigation projects."
Mike Mumford,
Luminescent Inc.

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