tcACCESS

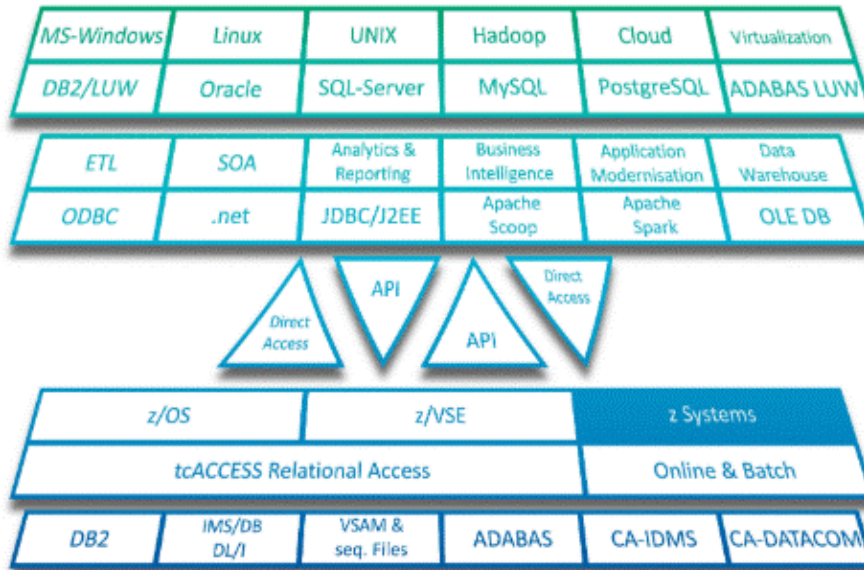**Direct access** to **mainframe data** via **standard interfaces**

tcACCESS **is the comprehensive integration solution for mainframe users who want to integrate mainframe data in their data virtualization or SOA solution.**

Application Areas

- data virtualization: presentation of data from different sources and systems as virtual data source
- data integration from mainframe to LUW based applications such as MS-EXCEL, MS-Word, MS-Access, OpenOffice and LibreOffice via ODBC/JDBC
- ODBC/JDBC access to diverse IBM mainframe data from web applications and web application servers
- re-engineering of 3270 user interfaces
- mainframe application modernization
- SOA integration of mainframe data and applications
- direct access to mainframe data from cloud and Hadoop platforms with Apache Sqoop or Apache Spark
- easy and efficient upload and download of mainframe data eg to MS-EXCEL or reporting tools

Highlights

- direct access to ODBC/JDBC resources or Oracle and DB2 LUW databases from batch or online applications on the mainframe
- all data is accessed with an SQL syntax
- easy implementation into a mainframe application via an API
- bi-directional and transaction-oriented processing
- supports synchronous and asynchronous processing
- the mainframe application is always informed about the result of the access
- efficient processing, even of big data volumes
- ideal use of all resources
- more security and independence through standardisation instead of individual solutions
- no limitation in the mainframe environment regarding the integration of new technology

Performance features

- comprehensive relational view on IBM mainframe data sources such as DB2, VSAM, IMS/DB, DL/I, Adabas, IDMS/DB, Datacom/DB etc
- ODBC/JDBC driver/service access to IBM mainframe data without programming from client server, web and SOA applications and also from cloud and Hadoop
- support of Joins for the access to various data sources in one SQL query eg VSAM and IMS/DB
- Substitute for complex middleware solutions; simple call of mainframe programs from client server and web applications via existing APIs
- easy relational access with CICS/IMS programs to data sources such as Oracle, DB2 LUW, etc
- support of stored procedures for easy calls to existing business logic
- existing SAF interface
- SSL protocol available

Cost reduction	- integration through standard interface results in reduced or nil programming effort for data integration across systems - significant time savings for data integration in heterogeneous system environments - no investment in middleware necessary - no training effort - automation instead of manual intervention - avoids redundancies
Responsive	- quick reaction to new requirements in the field of analytics and reporting through direct access - quick use of mainframe data with new technologies - high responsiveness to new requirements
User friendly	- no mainframe know-how necessary for working with mainframe data - less coordination effort in projects across systems - no training effort

tcACCESS allows access to not only DB2, but all non-relational mainframe sources such as VSAM, DL/I, IMS/DB, Adabas, Datacom/DB2, IDMS/DB etc with standard SQL commands.

A tcACCESS "driver" enables read and write access to mainframe data via standard interfaces like ODBC, JDBC/J2EE or via .NET, C, C++, C#, OLE DB and Apache Sqoop or Apache Spark from a client/server application (LUW), a web server or cloud environment.

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CCA is a leading ISV specialising in data integration solutions. CCA delivers innovative solutions with our partners to customers all around the world in ADABAS and Natural platform. As well as the IBM mainframe sector, we completely support the LUW world with solutions for Big Data, Data Analytics, real-time bi-directional data integration, legacy modernisation and data migration.

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Beyond Traditional Data Integration

BOS Software is the developer of the tcVISION data integration solution and has been an innovative software provider for more than 25 years. BOS is among the worldwide leading vendors of integration solutions in heterogeneous system environments with IBM mainframe architectures.

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