TABEX

TABEX4
Table Management System

→ **PRODUCT SHEET**

The leading table management system
for all platforms and databases

Version: 2025

BOI
BETTER
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INFORMATION

BOI Software Entwicklung und Vertrieb GmbH
Over 45 years of success and innovation.
Your expert for table management.

We develop innovative software solutions for
audit-proof data maintenance and high-
performance data access to better organize
the management of your critical data.

COMPREHENSIVE DATA MAINTENANCE. HIGH-PERFORMANCE DATA ACCESS.

The leading table management system for your most sensitive table data

TABEX4 is an integrated complete solution for table maintenance and management, and high-performance application access in both mainframe and non-mainframe environments. With its wide range of freely configurable functions for data validation, import/export, workflow, and much more, TABEX4 provides a platform for business departments to manage their master data, parameter data, and control data in the highest possible quality and with full audit compliance.

SPECIAL REQUIREMENTS FOR YOUR TABLE MANAGEMENT?

TABEX4 fulfills all these requirements.

Do you have several database systems (e.g. DB2, ORACLE, MS SQL Server, ...) in use that are distributed across different platforms?

➡ TABEX4 offers a uniform, intuitive, and user-friendly interface for all of your company's platforms and databases.

Would you like to maintain tables efficiently without having to undergo a great deal of training?

➡ TABEX4 offers its own TABEX database for this purpose. This makes the maintenance of tables from relational databases convenient, simple and efficient.

Do you have data stored in tables that thousands of employees access billions of times a day? Would you like to optimize your processor's access performance?

➡ TABEX4 provides optimal access performance and reduces CPU resource consumption by a factor of 1:10 to 1:50 compared to direct database access to DB2.

Do you have sensitive control or parameter data subject to strict auditing and data protection requirements?

➡ TABEX4 meets all applicable IT audit and compliance requirements.

ADVANTAGES AND FUNCTIONS

How does TABEX4 stand out?

⚡ Table access with maximum performance

TABEX4 optimizes table access by using a machine-oriented programming language in its kernel and preloading tables into main memory areas. This minimizes CPU ressource consumption and licensing costs on the mainframe.

✏ Convenient table management

TABEX4 has a user-friendly interface and makes table management simple and secure even for users in operating departments without database knowledge thanks to configurable checks and a precise authorization system.

⚙ Extended table definitions

TABEX4 meets all modern table management requirements. It offers consistent and plausible definitions, table views, and table-specific help. Data model-driven maintenance enables you to change linked tables within a workflow with logging in accordance with the rules.

≣ One solution for your entire infrastructure

TABEX4 enables the flexible and unlimited distribution of data across platform and database boundaries and offers a wide range of functions for printing, importing and exporting as well as mail.
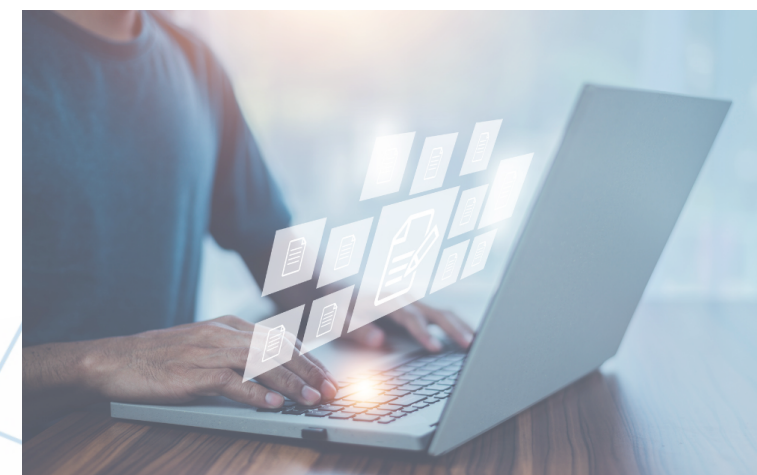
✛ Customization

TABEX4 is multi-client capable. On the one hand, it can be used to implement different specialist areas, such as car, life, and property insurance in the insurance industry. On the other hand, it can be used to create different environments, such as development, testing, and production.

⛨ Security and compliance

TABEX4 meets the most strictest security and compliance requirements, as well as all IT audit requirements, through its seamless logging of data changes, archiving, and approval procedures according to the four-eyes principle. It also has a multi-level internal authorization system.

✌ Independence

TABEX4 runs independently of the operating system.It provides its own database and TABEX tables for high-performance access and maintenance. TABEX4 supports importing table data from other software products and storage formats via optimized APIs.

EFFICIENT TABLE MAINTENANCE WITH A SYSTEM
How do you benefit from TABEX4?

You save resources

➡ TABEX4 offers maximum access performance and reduces CPU resource consumption in relation to direct database access to DB2 by a factor of 1:10 to 1:50.

You save time

➡ TABEX4's configurable table management eliminates the work intensive programming of table-maintenance transactions in relational databases.

➡ The TABEX4 interface is user-friendly, independent of platform or database, and minimizes the effort required for users to become familiar with it.

➡ TABEX4's standardized table maintenance processes reduce the effort required for program maintenance. This gives your employees more time to focus on their core business.

You save money

➡ The standard software TABEX4 avoids development costs and minimizes maintenance and administration costs.

➡ TABEX4 consolidates isolated solutions across the entire company, enhances internal networking and collaboration, and eliminates redundancies and redundant development efforts.

➡ Transparent pricing model: License costs depend solely on CPU consumption, not on the number of users or data volume.

Supported operating systems
➡ IBM z/OS
➡ Siemens BS2000
➡ Microsoft Windows
➡ Linux x86_64 (e.g. SuSE, RedHat)

Supported databases
➡ IBM DB2
➡ Oracle
➡ Microsoft SQL Server
➡ MySQL
➡ MariaDB
➡ PostgreSQL

Our TABEX4 products at a glance

Main products

TABEX Ultimate — The comprehensive management and maintenance system with innovative features for table management.

TABEX Basic — The high-performance system for table access with all essential basic functions for table maintenance.

Add-ons

TABEX Access — TABEX4 Java Access extends TABEX4 with a Java interface for read-only access to table data via TCP/IP.

TABEX Engine — TABEX4 Java Application Engine provides a Java interface for implementing distributed Java applications.

TABEX Bridge — TABEX4 Relational Bridge extends TABEX4 with interfaces to relational databases for all TABEX4 functions.

TABEX WinCS — TABEX4 Windows Client/Server offers access systems for outsourced applications within the Windows operating system.

TABEX JTC — TABEX4 JTC distributes your master data to your Java business applications, providing ultra-fast read access via Java.

DEVELOPMENT SINCE 1979

TABEX4 - a product of BOI GmbH

BOI GmbH is the leading company for fast table access and secure, reliable table management in German-speaking countries.

Many years of experience

BOI GmbH was founded in 1979. For over 45 years, it has combined the highest software quality with outstanding service. Many leading companies rely on our table management expertise for good reason.

Continuous development

We continuously take new IT requirements (hardware, operating systems, and database systems) into account in a timely manner and release them in the form of hotfixes, updates, and releases. Our customers' ideas and suggestions provide important inspiration.

Competent support

Our support is characterized by expertise and extremely fast response times.

Efficient consulting

Our consulting team provides you with targeted and efficient support for your individual questions relating to TABEX4.

TABEX4 is ...

➔ **stable and reliable:**
TABEX4 has been in successfully and stably used for productive purposes by numerous leading companies in the insurance, banking, and industry and services sectors.

➔ **adaptable:**
TABEX4 can be adapted to meet specific customer requirements through configuration of the database, batch jobs, menu items, import/export functions, and check settings.

➔ **user-friendly:**
TABEX4 has a modern, logical and clearly structured user interface with high usability.

➔ **platform- and database-independent:**
TABEX4 is platform and database-independent. It offers the advantage of a standardized user interface in heterogeneous IT systems.

Interested in TABEX4?

Migration packages for successful and efficient migration

Thanks to the compatibility interface, no changes to existing user programs are necessary when migrating from your table management system to TABEX4. Due to TABEX4's functional scope, migrating from existing table management systems is quick and easy.

Easy integration into other software products

TABEX4 offers access interfaces for both object-oriented programming languages (JAVA, C++) and sequential programming languages (e.g. C, COBOL, PL/1). This means that the functionalities of TABEX4 can be used in both modern and older software applications.

We look forward to your inquiry.

TABEX4 guarantees the best table management.

TABEX4 is the leading, cross-platform standard software for high-performance table access and secure, convenient table management. Top companies in the insurance, banking, industry and services sectors have been relying on TABEX4 for many years due to the immense cost savings and organizational advantages when it comes to maintaining all, even the most sensitive table data.

BOI – FOR YOUR BETTER ORGANIZED INFORMATION

Convincing Quality

Efficient and audit-proof. High-performance and ultra-fast. Company-wide use for all databases and operationg systems.

Efficient Service

Over 45 years of experience. Excellent, dedicated team. One-stop consulting, technology and implementation.

BOI - We set an example.

→ Our vision is a society in which economic management goes hand in hand with social commitment and ecological action.

→ Our mission is to make the best possible contribution to ensuring sustainable development on an economic, social and ecological level.

→ We want to operate in a net zero manner from 2026 and are already taking numerous measures to reduce our greenhouse gas emissions.

→ We pay attention to the well-being of our employees and take measures to protect their health.

→ We consistently donate 10% of our annual profit to social and environmental organizations.

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