



BOI MIGRATION PACKAGES

SUSTAINABILITY WHEN REPLACING VTAS WITH TABEX4

TABEX4 is the leading, cross-platform standard software for table access and table maintenance. Highest performance and comfortable administration make TABEX4 an optimal tool for efficient and revision-safe data management.

The innovative range of functions of TABEX4 enables the simple and easy migration from existing table management systems such as VTAS to TABEX4.

Which replacement strategy is perfect for you?

After analyzing your VTAS installation and the range of functions used, we develop a concept for your migration.

If you only use read-only VTAS access, the switch can be made via the simple installation of TABEX4 and the VTAS-TABEX4 adapter.

If you also use write VTAS access, the migration is carried out in CICS and BATCH according to your organizational and architecture-related requirements. Table maintenance is replaced by the web-based user interface of the TABEX4 Table Manager.

Choose your replacement strategy

We offer four strategies for your switch:

Strategy 1: Switch from VTAS to TABEX4 while maintaining the mainframe

The switch is carried out as described above.

Strategy 2: Switch from VTAS to TABEX4 during migration from mainframe to server systems

TABEX4 runs on different operating systems and can thus also be used for the migration to operating systems such as Linux, Unix, AIX and Windows, in the same way as described above.

Strategy 3: Switch from VTAS to TABEX4 using the „Software Defined Mainframe (SDM)“ of LzLabs

The core of the software solution is the „Software Defined Mainframe“ (SDM) of LzLabs. TABEX4 and the VTAS-TABEX4 adapter provide the VTAS functionalities.

Strategy 4: Switch from VTAS to TABEX4 JTC for compiling mainframe languages to Java during a migration

You want to have your Cobol or PL/1 mainframe programs, which use VTAS APIs, automatically compiled to Java during a migration? With TABEX4 JTC we offer the fastest reading Java table access and one-to-one APIs for compiling your mainframe programs from VTAS to TABEX4 JTC.

YOUR ADVANTAGES

1 SWITCHING TO TABEX4

The VTAS-TABEX4 adapter automatically converts all VTAS-APIs to TABEX4 APIs. This means that there are no or very few changes to your VTAS installation. All reading VTAS access programs remain unchanged.

The migration from VTAS to TABEX4 starts with the one-time automated transformation of VTAS tables into TABEX4 or RDB tables.

After this transformation, all TABEX4 functionalities are available for high-performance access and convenient table maintenance. Existing VTAS programs still run without modification via BOI's VTAS-TABEX adapter.

New access programs can be programmed with the TABEX access interface. With the additional products JAVA ACCESS and JAVA Application Engine from the TABEX4 product family, applications can be implemented in Java.

In case of migration to SDM, all options of the Software Defined Mainframe are available.

2 SWITCHING TO TABEX4 JTC

In the case of migration to Java, the VTAS APIs are converted to TABEX4 JTC APIs during compilation.

The available 1:1 mapping of the VTAS APIs to TABEX4 JTC considerably reduces the manual processing effort of your application programs.

3 ADDITIONAL ADVANTAGES

By switching to the TABEX4 product family, you can enjoy many other advantages:

1. Performant table access
2. Temporal tables / version tables
3. Traceability of all data changes
4. User-friendly table maintenance

3.1. Performant table access

The use of Common Data Spaces technology enables high-performance access to your data.

New access programs can directly access the tables (mainframe and non-mainframe, e.g. Solaris, Linux,...) via TABEX4 without requiring a VTAS adapter.

In case of migration to SDM, fast access is available in the Software Defined Mainframe.

When migrating to Java, you benefit from the world's fastest access performance of TABEX4 JTC, which is up to 550 times faster than access to a relational database.

3.2. Temporal tables / version tables

The temporal VTAS tables can be converted to TABEX or RDB tables using a one-time automated migration of the VTAS tables. Subsequently the tables are ready for data maintenance using TABEX4 and can be edited with the full range of TABEX4 functions.

In TABEX4, tables can also be defined as version tables. This enables:

- date-dependent validity of table data
- preparation of future data changes
- access to older versions
- reset to an older version of the table data

3.3. Traceability of all data changes

Internal auditing and legal requirements lead to special requirements for IT.

TABEX4 meets all revision requirements for IT:

- consistent, variable and configurable logging of table changes
- approval procedures with dual control
- versioning of tables for realizing validity areas
- extensive consistency and plausibility checks
- access protection through an integrated, controllable authorization system

3.4. User-friendly table maintenance

TABEX4 offers maximum user-friendliness through the use of a uniform user interface for all operating systems. Thanks to its platform independence, TABEX4 can be used company-wide.

The user interface is logical, clearly structured and uses familiar elements of various operating systems: Explorer menu tree, icons, input fields, selection lists and tool tips. Icons and hotkeys are provided for all common functions. Context-related operating elements increase the clarity.

