

## Mainframe Data Migration Services

Savings ★ Quality ★ Speed ★ Support

Imagine finalizing your mainframe migration so you can live in a world *without* mainframe costs.

Data migration is an important part of a mainframe migration effort, however, it is often low on the priority list and can be both expensive and time consuming. This is where T3 Technologies comes in! T3 Technologies' DataMover data migration service quickly, accurately and cost effectively migrates your data from common mainframe file formats—including sequential, partitioned, generation data groups, VSAM, SQL/DS and DB2—for use on the Windows Server environment, and automatically loads it into an SQL database. We're able to accomplish these time and cost savings by implementing our custom data migration tool. The tool takes much of the human element out of the equation, helping to reduce time and mistakes often involved in liberating your data from the expense of a mainframe.

All of the migration work takes place in T3 Technologies' migration center located in Tampa, FL. The migration center is home to 400+ manpower years of z/OS and VSE experience and 60+ years of Microsoft experience. T3 Technologies provides all of the resources, assets and migration capabilities to complete the work. Your only necessary involvement is to provide COBOL copybooks, definition of record triggers and files for testing. Call us for more information today!

### Benefits:

Finalize your mainframe migration!

- Turn off your mainframe and finally stop paying your ongoing mainframe software and maintenance costs.
- T3 Technologies' unique tools allow for the quick migration of your data with minimal manual intervention to get you off your mainframe fast.
- Automated tools and extensive testing ensure quality and precision in your migrated data.
- T3 Technologies' DataMover services come with a 1 year, 24/7 warranty and optional continual support.

### T3 Technologies

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# DataMover Mainframe Data Migration Services

## Capabilities

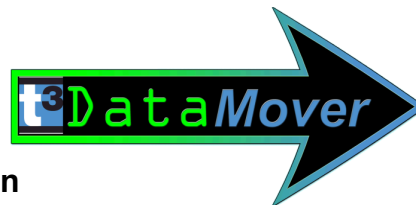
- Supports common mainframe file formats
- Intelligent field-by-field EBCDIC to ASCII translation
- Understands multiple record types, redefines, OCCURS and ODO—including sliding formats
- Extensible rule based processing eliminates custom programming

## Options

- VSAM files can be re-factored to SQL databases for modernizing data. Data normalization is a standard feature of the T3 Technologies migration process
- Embedded SQL statements for COBOL integration—can be used in lieu of COBOL READ/WRITE statements

## Deliverables

- Interim deliverables of migration test files for validation and data integrity assurance
- Executable scripts for rerunning migrations and/or recalling archive data
- Migrated mainframe files for 'Go Live' processing



### Mainframe File Definition

```

01 CONTACT.
 03 FIRSTNAME          PIC X(10).
 03 LASTNAME           PIC X(10).
 03 ADDRESS            PIC X(50).
 03 CITY               PIC X(20).
 03 STATE              PIC X(2).
 03 ZIP                PIC 9(5).

 03 STUDENT-INFO.
 05 GPA                PIC 9V999.
 05 S-COURSE-COUNT    PIC 99.
 05 S-COURSES OCCURS 1 TO 99
  DEPENDENT ON S-COURSE-COUNT.
 07 S-COURSE-NUM      PIC X(3).
 07 GRADE              PIC X.
 07 CREDITS            PIC 9.

 03 TEACHER-INFO REDEFINES STUDENT-INFO.
 05 SALARY             PIC 9(7) COMP-3.
 05 T-COURSE-COUNT    PIC 99.
 05 T-COURSES OCCURS 1 TO 99
  DEPENDENT ON T-COURSE-COUNT.
 07 T-COURSE-NUM      PIC X(3).
 07 FILLER            PIC X(2).
    
```

### SQL Server Tables

| Column Name      | Data Type      | Allow Nulls                         |
|------------------|----------------|-------------------------------------|
| Id               | int            | <input type="checkbox"/>            |
| FIRSTNAME        | char(10)       | <input checked="" type="checkbox"/> |
| LASTNAME         | char(10)       | <input checked="" type="checkbox"/> |
| ADDRESS          | char(50)       | <input checked="" type="checkbox"/> |
| CITY             | char(20)       | <input checked="" type="checkbox"/> |
| STATE            | char(2)        | <input checked="" type="checkbox"/> |
| ZIP              | int            | <input checked="" type="checkbox"/> |
| GPA              | decimal (4, 3) | <input checked="" type="checkbox"/> |
| [S-COURSE-COUNT] | int            | <input checked="" type="checkbox"/> |

| Column Name    | Data Type | Allow Nulls                         |
|----------------|-----------|-------------------------------------|
| Id             | int       | <input type="checkbox"/>            |
| ParentId       | int       | <input type="checkbox"/>            |
| OrdinalId      | int       | <input type="checkbox"/>            |
| [S-COURSE-NUM] | char(3)   | <input checked="" type="checkbox"/> |
| GRADE          | char(1)   | <input checked="" type="checkbox"/> |
| CREDITS        | int       | <input checked="" type="checkbox"/> |

| Column Name      | Data Type | Allow Nulls                         |
|------------------|-----------|-------------------------------------|
| Id               | int       | <input type="checkbox"/>            |
| FIRSTNAME        | char(10)  | <input checked="" type="checkbox"/> |
| LASTNAME         | char(10)  | <input checked="" type="checkbox"/> |
| ADDRESS          | char(50)  | <input checked="" type="checkbox"/> |
| CITY             | char(20)  | <input checked="" type="checkbox"/> |
| STATE            | char(2)   | <input checked="" type="checkbox"/> |
| ZIP              | int       | <input checked="" type="checkbox"/> |
| SALARY           | int       | <input checked="" type="checkbox"/> |
| [T-COURSE-COUNT] | int       | <input checked="" type="checkbox"/> |

| Column Name    | Data Type | Allow Nulls                         |
|----------------|-----------|-------------------------------------|
| Id             | int       | <input type="checkbox"/>            |
| ParentId       | int       | <input type="checkbox"/>            |
| OrdinalId      | int       | <input type="checkbox"/>            |
| [T-COURSE-NUM] | char(3)   | <input checked="" type="checkbox"/> |

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