

## IBM VSE to IBM z/OS Conversion

The BranschData Converter provides complete control over the entire application conversion, it converts the various VSE source materials to high quality z/OS counterparts.

- Analysis of the conversion requirements, and development of a conversion plan
- Planning of resources required for the conversion, (CPU capacity, DASD volumes, Tape volumes, personnel, etc.)
- Development of z/OS standards and naming conventions
- Planning and installation of the z/OS system
- Education and training of data processing personnel
- Program source conversion
  - COBOL
  - PL/1
  - Assembler
  - RPGJCL conversion
- Utilities conversion
- Transfer of databases and files from VSE to z/OS (for testing and production)
- Testing of the converted applications
- Production cut over from VSE to z/OS

### General Services

- Simplifies the planning and management of the entire conversion. The conversion team provided by RAFISA or by a RAFISA appointed agent is, at all times, in full control of the conversion.
- Production of management reports, including status of conversion and volumes to be converted.
- Access to RAFISA's many years of conversion experience for discussions regarding:
  - Planning the conversion
  - Potential conversion problems and solutions
  - IBM z/OS standards and naming conventions
  - replacements of VSE software products
  - z/OS expertise
- Introduction and full compliance with SAA standards in all areas affected by the conversion.
- Potential conversion problems are found at a very early time in the conversion project, allowing detailed discussions with all involved parties and providing a complete and well functioning z/OS solution to each conversion problem.
- Allows uninterrupted maintenance and development of application programs and production JCL in the VSE environment. There is no need for a freeze of the application during the conversion.
- Cut over from VSE to z/OS production is done during a single weekend, i.e. at no time need two production environments coexist.
- Working on a COPY of the VSE material, delivered on an as-is-basis, requires no preparation in the VSE environment by the client's personnel.
- Complete control over what is to be converted. All components are identified, found and converted by the BranschData Converter.

## Program Conversion

- Automated conversion of COBOL, PL/1, RPG, Assembler.
- Enforced uniformity in all parts of the conversion, there will be ONE solution for each conversion problem, regardless of the number of occurrences of the problem.
- Full use of standard z/OS features and functions, in application programs such as dynamic link editing.
- Flexibility to adapt to and include almost any customer requirement through the wide range of run time options, customization tables, and programmable exits.
- DOS/VS COBOL to VS COBOL II conversion.
- Clean up of programs, removing old code elements.

## z/OS JCL Generation

- Automated generation of z/OS JCL.
- Automated conversion of Utilities and Database definitions.
- Facilities to test and change z/OS standards at all points in the conversion.
- Production of complete and comprehensive operational documentation, including cross reference reports (what is used where) for programs, subprograms, copy books, data sets, PSBs, etc.
- Production of a clean and well documented z/OS system, leaving no simulators or emulators.
- Full support of DFSMS.