

# Managing a Mainframe Technology Conversion Project

## Agenda

- Who is TSG Software ?
- Scope of our experience
- Issues and lessons learned.
- Q & A.

## TSG - Background

- Enterprise z system specialists
- Est. 1993
- Worldwide Client base
- Case tools
- Application Languages (4GL)
- Non relational Databases.

# Definitions

- Conversion
- Migration
- Modernization.

# Definitions

- **Conversion**
  - Functionally identical
  - No (minimum) Environment change
- **Migration**
  - Platform or environment move
- **Modernization**
  - Change of ; Function / Interface / Infrastructure.

## Scope of our Experience

- Conversions
  - CA-Telon
  - MANTIS, MText, Supra RDM PDM, Total.
  - Natural Adabas
  - IDMS DB /DC and ADS/O
  - Ideal Datacom
  - CSP
  - Assembler
  - M204 \*\*. .

## Conversions - Topics

- Planning
- Conversion
- Modernization
- Migration
- Testing.

## Planning

- Documentation, SMEs, etc
- Component Analysis
- “Like for Like” or new environment ?
- Source Code – Recompile ?
- A Unique Experience.



## Conversion

- Automated conversion
- Analyzer
- Process;
  - Analysis, POC, Pilot, Main
- Fix forward for 'one off's' only.

## Conversion

- Code 'Chill'
- Committed resource
- Committed timescales
- Code Maintainability
- KISS.

## Modernization (In Conversion)

- Maintenance Environment
- Relational Database.

# Testing

- Database Compare
- Regression testing toolset
- Statistical based testing.

## General Comments

- Business Case / ROI
- Infrastructure project
- Age of the technical specialists
- Before Migration ;
  - ‘Level the Estate’
  - Scope reduction
- Questions / Comments.

## TSG – Clients

- ICBC Bank (Canada), State of Ohio (USA), AIB (Ireland), SEB Bank (Sweden), SKY (Germany) Somerfield (UK), Yum Foods (USA), IAG (Australia), Dept of Vets (Australia) Jaguar Land Rover (UK), Folksam (Sweden), Op Bank (Finland), AXA (UK) Aviva (UK), plus. . . .