

# ISPF Panel Solution



*Migrating ISPF applications while retaining all existing functionality is not only possible but is also strategic.*

## Overview

ISPF (Interactive System Productivity Facility) Panel programming is closely tied to the IBM mainframe operating and hardware environment. Applications developed to make use of ISPF features and functionality are normally considered to be beyond the reach of a system migration because of their integration with ISPF and a costly rewrite is therefore regarded as the only way of moving these applications forward.

MigrationWare has developed a comprehensive solution that enables the migration of ISPF applications in a manner that retains their existing functionality, thereby creating a portable application that can be deployed onto any open platform that supports the use of Micro Focus technology.

In the migration, character-based screens and behaviour are retained to ensure users' experience of the application remains the same.

The presentation layer can also be modernised by introducing a graphical interface that is deployed either by using a web browser or a Windows based GUI environment.

The migration converts many aspects of the source environment to COBOL where COBOL is not already being used. Where Panels are driven by either Clist or REXX,

these scripts are converted to COBOL, reducing the number of technologies in the environment and lowering the costs of administration and maintenance.

The MigrationWare approach to ISPF application migration delivers a familiar environment to support staff in a

modernised environment that greatly enhances productivity.

## Benefits

MigrationWare's solution frees organisation from a dependence on ISPF applications and therefore removes

the dependency on third party vendor products. Even the most proprietary of mainframe technologies can now be considered part of any migration or modernisation exercise without the need to undertake a costly rewrite of the application.

The migrated application is based on open technologies and is entirely developed in COBOL. This means that the environment is portable across multiple platforms and may be maintained and developed by existing developers skilled in COBOL.

## Key features

- Emulates the behaviour of ISPF, including providing support for:
  - ISPF Panels and Popups
  - ISPF Table Management Services
  - ISPF Dataset Browse
  - File Tailoring Services
  - ISPF Select Services
  - ISPF Variable management (Emulation of pools and scope within Function pool)
- Conversion of CLIST statements in Panels to COBOL
- Interface from BATCH, CICS or Terminal
- Uses SQL Server or Microsoft Access (or any ODBC compliant database) for Table Management

## Conversion execution

MigrationWare will either deliver turnkey solutions to its clients or it will partner with the client in executing elements of the conversion allowing the client to participate actively in the conversion project.

The conversion from ISPF to COBOL requires the delivery of the conversion inventory to MigrationWare for subsequent conversion. The ISPF sources are automatically converted into clean compiling COBOL programs, which are then returned to the customer for subsequent testing and implementation.

Should any issues surface, which require MigrationWare's involvement, MigrationWare will remain active in a support role throughout the testing phase.

## Pricing

Each project is unique with differing requirements volumes, schedules and deadlines. It is therefore usually impossible to supply a fixed pricing structure.

A final quote is only provided after initial interaction with the client and when MigrationWare has fully understood the scope of the project and the client's required involvement from MigrationWare.

## About us

MigrationWare specialises in modernising legacy code and aging IT infrastructure by transforming and extending existing valuable investments in IT onto contemporary, open, more cost-effective environments or software languages. Through its commitment to automating the conversion and migration process, MigrationWare reduces to a minimum the costs and risks associated with IT rejuvenation projects.

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