

SCREENJET™ a product of



VPLUS to ACUCOBOL-GT® and AcuBench® Conversion

Overview

The ScreenJet™ VPLUS conversion tool kit extracts screen information from a VPLUS formfile and delivers it as ready-made GUI screens to the AcuBench® IDE (Integrated Development Environment), as though the screens had been created initially in that IDE. The tool kit is aimed at HP3000 sites with VPLUS applications written in COBOL. Applications written in other languages that can call COBOL can also utilize the generated screens.

In addition to the conversion tool kit there is an optional replacement VPLUS API written in ACUCOBOL-GT®. This allows applications to retain their existing VPLUS calls, and at run-time the API resolves these calls and makes calls to the new ACUCOBOL-GT® GUI screens. This solution means that existing code need not be changed. Generated screens and VPLUS API are all in ACUCOBOL-GT® giving you a full native solution on your target platform.

The tool kit is based on the original ScreenJet which was the first successful VPLUS to GUI, host based, thin client product for the HP3000. By adapting this technology to support conversion into AcuBench, GUI screens are produced that utilize the ACUCOBOL-GT Thin Client technology, releasing HP 3000 COBOL-VPLUS applications to the many platforms supported by Acucorp.

Major Advantages

For rapid, risk-free migrations, a replacement Windows user interface has been created that functions identically to the original VPLUS interface, so that user re-training costs are reduced.

Once converted into the AcuBench® IDE, drag and drop techniques can be used to further enhance the screens to include additional GUI elements such as Radio Buttons, Check Boxes and List Boxes.

For HP3000 developers familiar with COBOL and VPLUS, no new language skills are required when porting to ACUCOBOL-GT. AcuBench will allow those familiar with Windows GUI development to integrate their skills with ongoing development of the applications. COBOL programmers not already familiar with Windows GUI development can quickly learn these techniques due to AcuBench's COBOL-friendly design.

Automated conversion of the screens allows you to quickly start testing migrated applications, and allow you to repeat the process if conversion and continued development on the HP3000 have to be performed in parallel.

Much of the migration testing can be performed while the application remains on the HP3000, reducing risk and allowing migration to be accomplished in a phased, rather than big bang approach.

Who will benefit?

1. End users or developers doing their own migration.
2. Migration companies, VAR's and consultants undertaking migration projects for customers.
3. VAR's and ISV's looking to convert their own HP3000 COBOL/VPLUS applications to run on different platforms and operating systems.

Why ACUCOBOL-GT and AcuBench?

ACUCOBOL-GT offers a level of compatibility with HP COBOL not offered by other suppliers. They also offer a good Integrated Development Environment (IDE) with exactly the same model ScreenJet used in VPLUS - with screen development independent of the underlying application code.

ACUCOBOL-GT is compatible with HP COBOL extensions and is available on the HP3000 allowing migration work to be tested on the HP3000.

The AcuBench GUI screen structure supports a direct conversion from VPLUS. AcuBench generates COBOL code, therefore, no new language skills are required before, during or after migration.

The converted screens are in a format where they can be enhanced in a step-by-step manner to incorporate additional Windows GUI functionality using the AcuBench tool set.

K2VISION

ScreenJet's K2Vision automatically writes and compiles, and optionally runs, an ACUCOBOL program to convert KSAM files to Vision files. Once Written, the conversion program can be run as often as you like to regenerate the Vision files from the KSAM files.

The K2Vision utility creates and executes an ACUCOBOL-GT program to convert the KSAM file to a Vision file (pair). Therefore you need to have ACUCOBOL-GT installed on your HP3000 to run this utility

K2Vision converts ASCII "FAK" KSAM, CM/KSAM, NM/KSAM and KSAM64 including binary keys.

**VPLUS, ScreenJet, ACUCOBOL-GT,
and AcuBench the best combination
for your migration.**

