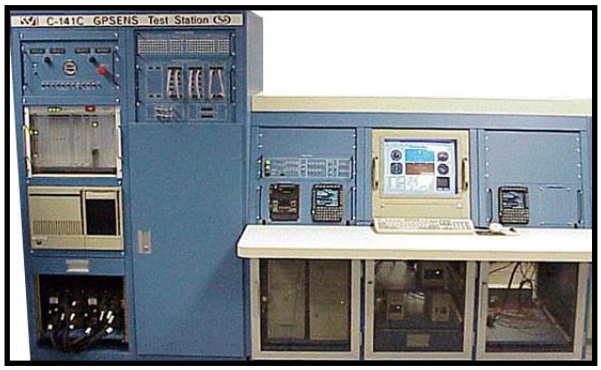
ATE/TPS SOFTWARE SERVICES

Support Systems Associates, Inc.

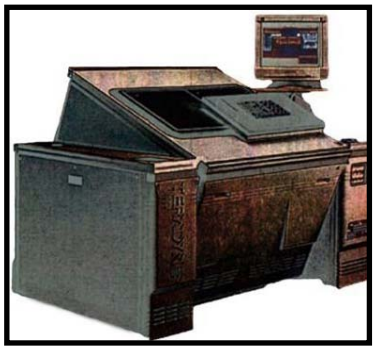
Test Program Services



SSAI provides complete test program development services for commercially available Teradyne test systems. The services include software development, interface fabrication, documentation production and complete logistical requirements support. Supported testers include, but are not limited to, Spectrum, L200, L300, and CASS test systems.

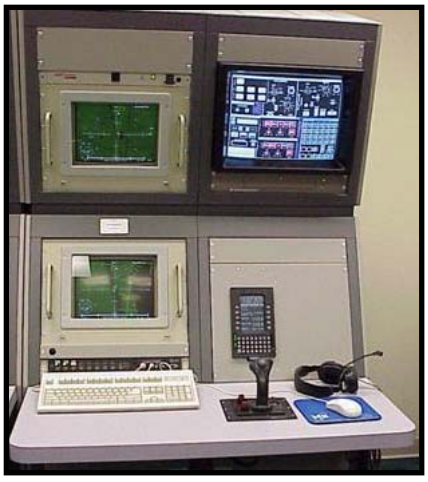
SSAI test program development expertise includes functional, parametric, in-circuit, analog, digital, mixed signal, and other tests. The available capabilities include component level, board level and system level test development. SSAI can also provide complete repair services for the electronics for which it produces test programs and solutions. This repair service capability can help replace outmoded or obsolete depot repair operations.

Custom Software Services



SSAI provides custom software development expertise for comprehensive solutions in automatic test systems integration, development, and migration tool production, and other test problems. SSAI has extensive background in simulations, test system architectures, and test languages. SSAI has demonstrated capabilities to produce PC and SUN based custom test solutions in these and other areas. SSAI specializes in C++, MFC and win32 environments. Solutions range from simple command line executables to comprehensive MS Windows programs, depending on the customer requirements.

Recent Accomplishments



Recently, SSAI produced a comprehensive test program translation tool for Teradyne, which is being used by a major Teradyne commercial test system customer. The tool, named TranVect, is capable of translating HP 82000 test program information into compilable C++ which can be executed on the Teradyne M9 digital test unit. TranVect performs automatic vector conversion in three, user selectable, M9 compatible vector formats. User interactive parametric conversions with best guess assignments allow the operator to quickly convert voltage level and timing parametrics between the two systems formats when direct mapping is not possible. TranVect also provides a pinmap development tool, which can be used to produce a template or actually make pin assignments in the native M9 format.

SSAI personnel have also recently produced a custom software net list translator that can be used to automatically convert Computer Automation 8200 test program net lists to a format compatible with the available Teradyne Spectrum development support tools.

SUPPORT SYSTEMS ASSOCIATES, INC.

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