

Technical Support
Knowledge Center Open

VEE Pro: How easy is it to use VEE Pro?

Notices

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VEE Pro Revisions: All

The difference between VEE Pro and other programming languages is the ease of use. VEE Pro provides a set of powerful objects that you connect to create a program, as opposed to having icons for every single programming function.

In addition, VEE Pro is a leading-edge software application. It leverages the rapidly developing software technology that characterizes today's world, resulting in a tool that automates inherently complex tasks -- such as controlling instruments, creating operator interfaces, sequencing tests, and distributing programs -- and simplifies and streamlines the entire programming effort.

Streamlined Instrument Control

Designed for test, measurement, and data acquisition, VEE Pro simplifies communication with instruments and other devices. VEE Pro's Instrument Manager scans the bus for devices and automatically handles the interfacing details, so you no longer need to build address strings, load drivers, and manage I/O session handles.

VEE Pro provides easy point-and-click driver control for both VEE Pro Panel Drivers and *VXIplug&play drivers*. And when you do not have or want to use a driver, VEE Pro's Direct I/O enables you to communicate directly with instruments via instrument command strings.

Fast Creation of Operator Interfaces

With VEE Pro, you can create operator interfaces, including soft front panels for instruments, in a fraction of the time it takes using a textual programming language.

Choose from a wide variety of user interface objects. Use toggles, sliders, drop-down lists, and buttons for control, dialog boxes, pop-up boxes for user input, and indicators to visually represent data. You can assign specific tasks to softkeys and control keys for mouseless operation -- useful on manufacturing production lines or where space is limited. And you can secure runtime versions of test programs by locking user interfaces.

Easy Test Sequencing

Linking tests in a logical sequence has never been easier, faster or more productive. You can build complex testplans quickly using VEE Pro's Sequencer, which provides extensive branching and iteration capabilities.

Call test procedures written in VEE Pro, C/C++, or other languages. Set flexible pass/fail criteria based on ranges, limits, tolerance, and percent tolerance. Test results are automatically logged as data records using an easily configurable interface that allows customized reports.

Unlimited Runtime

VEE Pro allows you to freely distribute your completed programs. You can save secured runtime versions of programs for distribution inside or outside of your company. And you can distribute programs in any volume. There are no hidden costs, and no limits on the number of runtime versions you ship.

"I'm really pleased with the design and performance of VEE Pro. It is useful for rapidly developing sophisticated test software, and is so easy to learn."-- Tom Springer, Symmetrix, Inc.

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