



# Rocket PASSPORT Host Integration Objects

## Low cost, low risk host integration for Windows

*Object-oriented access to IBM 3270 and 5250 host applications from customer written applications using .NET or ActiveX*

### PASSPORT Host Integration Objects has been used as:

Claims Agent integration solution for large insurance companies that seek to integrate 3270 applications within critical claims systems

Medicare access solution for large numbers of hospitals and healthcare organizations that require connectivity to the U.S. government system

Retail connectivity solution linking point of sale systems to IBM mainframe applications

Call center integration solution that can embed large numbers of host sessions that demand extensive screen scraping for productivity purposes

IVR integration solution connecting interactive voice response systems to 3270 applications

Rocket PASSPORT Host Integration Objects (HIO), can be used as an alternative to terminal emulation solutions from Attachmate and Micro Focus. Using PASSPORT HIO, IBM 3270 and 5250 applications can be integrated with other web, server or client applications using .NET, COM, ActiveX, Visual Basic and C/C++.

Rocket PASSPORT HIO applications can be deployed from a Microsoft Windows Server or desktop. The host integration solution offers a fast, low risk approach to reusing valuable business processes that have been adapted and perfected over many years. It also eliminates the need for terminal emulation.

### how it works.

PASSPORT HIO includes a secure, programmatic TN3270E and TN5250E communications module, an Object API, sample source code and product documentation. Using the 3270 or 5250 screen as an API, HIO offers a low cost, low risk solution for integrating valued legacy applications with other systems.

Once your integration project is ready for production, Rocket PASSPORT HIO can be published to either a Microsoft desktop or server platform. Typically, organizations that run the TN3270E communications module as a background application, replacing the traditional green screen interface with a custom UI, deploy PASSPORT HIO from a Windows Server.

PASSPORT Host Integration Objects, based on the Internet Engineering Task Force OHIO draft, includes direct TN3270 and TN5250 connectivity to critical legacy applications using IP. Separate terminal emulation is not required for host access. Sample programs, documentation and a test program that demonstrates the use of each object Method, Property and Event are included in the Zephyr development solution.

### server based host integration projects.

PASSPORT HIO offers a path to host information at the screen buffer level, allowing you to read and write data to the host presentation space and input fields, open and close sessions, get specific text strings from the screen, create string values, send function keys to the host, switch to other tasks and much more. In doing so, customers can reuse critical legacy applications and proven business logic without making any changes to host code.

PASSPORT HIO and your developed application can reside on a server minimizing the host connections required, easing deployment of the application and increasing flexibility for program output and display.



## client based host integration projects.

PASSPORT HIO also includes the PASSPORT Terminal Control object, which lets developers embed a fully functioning PASSPORT TN3270 or TN5250 client emulator inside another client based application. Through use of the PASSPORT HIO Terminal Control, 3270 or 5250 host "green" screens can be exposed to the end user, similar to an IBM terminal, and full use of the PC keyboard is available to interact with the 3270 or 5250 host application. PASSPORT HIO Terminal Control is ideal for advanced Windows client-based legacy integration projects.

## how it is licensed.

Available via an annual subscription-based license that includes the cost of the software, access to technical support and all product upgrades, PASSPORT Host Integration Objects offers one of the most inexpensive approaches to dependable legacy integration.

PASSPORT HIO is licensed either via server volume and numbers of concurrent sessions or for the terminal control deployment on the number of client machines.

The Server version has a minimum of 1 Server with 10 Concurrent Sessions, while a minimum of 500 Client licenses is required for the PASSPORT HIO Terminal Control.

## a great track record.

We have successfully migrated many large organizations with tens of thousands of users to PASSPORT and have lots of references to share. Take a moment to view our sample client list found in the link above. As organizations worldwide seek to cut costs and lower operational expenses, PASSPORT is the world's leader in terminal emulator displacement.

## highlights.

- ❖ Non-intrusive legacy integration with existing 3270 and 5250 applications
- ❖ Direct access to host screen buffers (screen scraping)
- ❖ Object-oriented API based on Internet Engineering Task Force OHIO draft
- ❖ Does not require terminal emulation software
- ❖ Proven TN3270 and TN5250 communications module
- ❖ SSL/TLS Security
- ❖ Designed for a Microsoft Windows environment
- ❖ Offset addressing for host screen presentation space
- ❖ Simplified model for presentation space
- ❖ Automatic generation of presentation space field list and attributes
- ❖ Keyword-based function text strings
- ❖ Event notification for host communication status and screen updates
- ❖ International Support
- ❖ Diagnostic tracing capabilities
- ❖ No architectural limit to the number of sessions
- ❖ Event notification for host communications status and screen updates

