



CASE STUDY

Banner Health Uses PASSPORT Web to Host to Integrate 30+ Host Applications Within Portal

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- SEAMLESS APPLICATION INTEGRATION OF 30 OR MORE HOST APPLICATIONS WITHIN THE CORPORATE INTRANET AND EXTRANET, ALLOWING EMPLOYEES ACCESS TO SYSTEMS FROM HOME VIA VPN.
- ELIMINATION OF THE NEED FOR WINDOWS DESKTOP ICONS
- CAN QUICKLY ADD A NEW PC IN MINUTES, GRANTING IMMEDIATE HOST ACCESS
- DEFAULT INFORMATION IS SUPPLIED TO THE PC EVEN IF NO SPECIFIC APPLICATIONS ARE ASSOCIATED WITH IT.
- STANDARDIZING OF THE DESKTOP "IMAGE".
- TESTING OF NEW RELEASES OF PASSPORT CAN BE DONE ON A DIFFERENT SERVER RESULTING IN EASILY PHASED ROLLOUTS OF NEW PASSPORT VERSIONS.

Banner uses PASSPORT Web to Host to integrate 30+ applications with portal.

Key requirements:

- Seamless application integration of 30 or more 3270, 5250, VT220 and SCO/ANSI applications within the corporate Intranet and Extranet, allowing employees access to systems from home via VPN.
- Elimination of the need for Windows desktop icons
- Can quickly add a new PC in minutes, granting immediate host access as long as the PC is connected to the Banner Network. All that is required is the name of the PC and what applications are normally accessed from that PC.
- Default information is supplied to the PC even if no specific applications are associated with it allowing the user to choose one of the supported platforms for generic access.
- Significant progress has been made in standardizing the desktop "image". By including the ASP.NET enterprise portal on all new PC's, any application can be accessed from the corporate main intranet menu. Application specifics are added on the "back end" via Desktop or Help Desk staff using the administration application.
- Testing of new releases of PASSPORT can be done on a different server as the server name is part of the data stored in the SQL Tables.

- Users can then be migrated to the new release by changing the server name in the tables by facility, thereby accomplishing phased rollouts of new PASSPORT versions.

Based in Phoenix, Banner Health is one of the largest, not-for-profit health care systems in the country. Banner has 21 facilities that offer an array of services including hospital care, home care, hospice care, nursing registries, surgery centers, laboratories, rehabilitation services. These facilities are located in seven states - Alaska, Arizona, California, Colorado, Nebraska, Nevada, and Wyoming. Banner Health employs about 22,000 employees, also making it one of the country's largest employers.

The organization's IT infrastructure includes over 8,000 terminal devices, most of which are Windows desktops with terminal emulation, that are used to support clients. Banner's operations are managed by a combination of some 30 or more packaged applications, which run on IBM OS/390 mainframes, AS/400, AIX, VMS, SCO UNIX® and Microsoft servers.

Based on the job responsibilities of the Banner employee, access to some or many of the applications is typically part of their daily job. In the past, applications were launched by individual icons on the Windows desktop.

Banner found this model required a degree of customization on each desktop that presented fairly significant administrative challenges, given the multi-state locations and sheer number of nonstandard desktops.

With the one-to-one relationship between the icon and the application, problems occurred if the icon disappeared or was changed. Moreover, with the number of applications at their disposal, users found the iconbased interface confusing and frequently out-of-date.

Seeking to reduce the complexity of access to their applications, the Banner Information Technology department created a .NET PASSPORT enterprise portal that facilitated access to the applications via easy-to-use drop-down menus found on their Intranet.

Two primary benefits of a web to host solution are found in PASSPORT Web to Host: the ability to launch host sessions directly from an intranet or organizational portal and the option to deploy and manage the host access suite from a centralized web server.

Using a simple ASP.NET program created to look up the PC name in a Microsoft SQL database, each end user is presented with a dynamic list of application platforms that appear as a drop-down list, eliminating the need for the desktop icons. The user chooses the platform which runs the application they need and PASSPORT takes it from there.

More importantly for administrators, a new PC can be quickly added and given appropriate application access including VTAM LU and VT Answer-Back information simply by entering information into a table, which is stored and managed via an administrative application written for the HelpDesk and Desktop Support departments.

As Banner discovered, Zephyr's PASSPORT WEB TO HOST program is a very flexible terminal emulation suite.

By deploying the application from a web server and launching it via their corporate Intranet, Banner has significantly lowered their overall cost of managing host access.

About Banner Health

Banner Health is the leading nonprofit provider of hospital services in all the communities they serve. Their Western Region facilities serve a number of rural areas – many are the only inpatient facilities available within the community.

For more information on Banner Health, visit <http://www.bannerhealth.com>.

About PASSPORT Web to Host

PASSPORT Web to Host® features a suite of advanced TN3270E, TN5250E, VT, SCO ANSI and Wyse terminal emulation clients and FTP file transfer for Microsoft Windows. With HLLAPI, Object API, SSL/SSH security, Visual Basic Scripting and more, PASSPORT represents a comprehensive host access solution.

The ActiveX Client can be deployed from a centralized web server such as Microsoft Windows IIS or IBM WebSphere and is an ideal alternative to desktop and remote emulators.

3270 is our Business

Zephyr specializes in 3270 communication, whether from a Windows 7 desktop, XP, Windows 2008 Server, a standard web server or virtual server. If you seek IETF standard TN3270E solutions for Microsoft Windows, Zephyr is the number one supplier to consider.

Founded in 1985, Zephyr is an employee owned company that is debt-free and consistently profitable.

The large majority of our revenue recurs annually and the company maintains an almost 100% renewal rate of its products and services. Zephyr maintains offices and distributors in the U.S., UK, Germany, South Africa and throughout Latin America.

Our Client List is Impressive

Our client portfolio includes large banks such as Bank of America Merrill Lynch, Comerica, U.S. Bank and Wachovia, as well as large insurance companies such as Liberty Mutual, Nationwide Insurance and Progressive.



CORPORATE

3355 West Alabama
Suite 1220
Houston Texas 77098
USA

800.966.3270
tel 713.623.0089
fax 713.623.0091

EUROPE

71 High Street
Harrold, Bedfordshire
MK43 7BJ UK

tel 44 (0) 1234 721755
fax 44 (0) 1234 420317

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Zephyr excels at connecting Microsoft Windows desktops and servers to IBM mainframe, AS/400 and UNIX host applications. Whether using our PASSPORT terminal emulation for Windows 7 or the PASSPORT host integration client or server for legacy integration, Zephyr helps organizations lower host access costs through secure, standard TN3270E, TN5250E, VT, SCO ANSI, Wyse 60 and FTP solutions.

Our impressive client list features many notable U.S. and international organizations, including Banco BPI (Portugal), Bank of America Merrill Lynch, Comerica Bank, First National Bank (South Africa), Huntington Bank, Landesbank Baden-Württemberg (Germany), Liberty Mutual, Nationwide Insurance, Progressive Insurance, Otis Elevator, Saks Fifth Avenue, State of California, Wachovia and Wyndham Vacation Ownership.

WEB zephyrcorp.com
E-MAIL info@zephyrcorp.com