



CASE STUDY

Otis Elevator makes a 'Natural' Migration from Mainframe to UNIX® Using PASSPORT

CONTENTS

- HOSTING THE APPLICATION ON A UNIX® HOST SYSTEM INSTEAD OF AN IBM S/390 MAINFRAME
- USING THE SAME PASSPORT TERMINAL EMULATOR TO ACCESS THE NEW UNIX® HOST THAT WAS USED TO ACCESS THE S/390 MAINFRAME
- NO RE-TRAINING FOR END USERS SINCE THE SAME TERMINAL EMULATOR WAS USED TO ACCESS THE NEW UNIX® HOST SYSTEM
- VT340 ADVANCED TEXT ATTRIBUTES
- ADVANCED KEYBOARD CUSTOMIZATION AND USE OF VT USER DEFINED KEYS

Otis Elevator makes a 'Natural' Migration from Mainframe to UNIX® Using PASSPORT

In 1853, Elisha Graves Otis introduced the world's first safety elevator in Yonkers, New York -changing the shape of the modern world. From that point forward, buildings could rise beyond the limitations of stairs.

Today, Otis Elevator Company, a wholly-owned subsidiary of United Technologies Corporation, is the world's largest manufacturer, installer, and servicer of elevators, escalators, moving walkways and other horizontal transportation systems. For architects and contractors, developers and homeowners, Otis is the world's leading people mover.

When Otis began to migrate from an expansive SNA network to a consolidated IP environment, they began to replace multiple terminal emulation products, including IBM Personal Communications/3270, PACKET PC and Attachmate EXTRA!, with Zephyr's IP-based PASSPORT terminal emulation software.

When the organization desired to once again undergo a transition, this time migrating a core application developed using Software AG's Natural from an S/390 mainframe to a UNIX® platform, they wanted to continue using PASSPORT for host access.

With little effort, Otis was able to switch users from TN3270 client to the VT client by simply reconfiguring the PASSPORT terminal emulation software. Otis continues to use both PASSPORT TN3270 and VT terminal emulation.

The Challenge

In terms of VT emulation requirements, Otis needed the same text attributes available with an IBM 3270 terminal. As such, VT340 graphic text color commands were a mandatory requirement.

These advanced text color attributes are defined in the ISO 6429 standard and are not implemented in most VT terminal emulation products. These VT340 text attributes included 8-color support for text display, normal and bold display modes, underline, reverse video, and blinking.

Another VT emulation requirement included the use of VT user defined keys and the ability to customize the keyboard layout.

Otis needed to re-map and customize the top row of function keys (F1-F12) to get the PF1 through PF24 functionality needed for use with Natural.

In other words, the IBM 3270 PF keys were simulated using the PASSPORT VT terminal emulator.

The Solution

After working collaboratively with consultants and Otis, the transition from the S/390 mainframe to the UNIX® host system was successfully accomplished in less than a month. A long description of the item. The entire process is automated with Visual Basic macros.

About Otis Elevator

For more information on Otis and its services, visit www.otisworldwide.com.

About PASSPORT PC to Host

PASSPORT PC 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.

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

To view a complete list of Zephyr clients, please visit our web site at www.zephyrcorp.com.













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

Zephyr, PASSPORT and PASSPORT Host Integration Objects are trade marks of Zephyr Development Corporation. All other trademarks and trade names are the property of their respective owners.

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