

FORTUNE 500 CHEMICAL COMPANY RELIES ON GO-GLOBAL TO RUN MISSION-CRITICAL, UNIX-BASED PROCESS CONTROL SYSTEM FROM WINDOWS XP.



GO-Global Server-based, Ultra-Thin-Client Solution Provides Cost-Effective, Highly Secure Application Publishing Solution for Critical Plant Operations.

Customer Solution at a Glance

Customer Profile: US-based Fortune 500 company operating a major chemical plant in Europe.

Business Need: The company needed a cost-effective way to access and administer its mission-critical, UNIX-based Foxboro I/A process control software from Windows XP workstations.

GraphOn Solution: Using advanced server-based computing technology and near-zero-footprint clients, GO-Global® for UNIX provides the plant with fast, simple, affordable access to the process control system from Windows XP clients.

Results:

- Lowered costs and increased plant efficiencies.
- Eliminated the need for separate UNIX terminals.
- Eliminated the need for emulation software and client-side X Server software.
- Increased security through 256-bit encryption and SSL technology.

A \$30 billion multinational corporation – a respected industry leader in chemical, plastic and agricultural products – operates a major chemical plant in Europe. The plant produces acrylic acid which is used in the manufacture of polymers, paints, coatings, adhesives and other products. For plant control and process automation, the company relies on its Foxboro I/A Series control system, a legacy UNIX-based process control solution supplied by Invensys. When the plant recently required Windows XP access to the mission-critical legacy system, they turned to GO-Global for UNIX from GraphOn Corporation.

“We’re using a UNIX network to control all aspects of plant operation,” said the company’s senior process control engineer. “In order to administer the system from a Windows XP environment, we decided to look into available cross-platform, thin-client solutions. We selected GO-Global due to its ease-of-use, rich functionality, and built-in encryption and security features.”



Access to Applications Anywhere.

Free Download, Easy Set-Up

“After initially learning about GO-Global, we downloaded a free trial copy from GraphOn’s Web site,” said the company’s senior process control engineer. “We found the set-up of the software to be very straightforward and fast.”

The customer simply installed the GO-Global server software on their UNIX host. This central software was then used to publish the Foxboro I/A applications onto the network. The engineering staff was pleased to discovered that there was no need to make any changes or additions to the existing UNIX applications.

On the client side, the company had the option of using GO-Global’s near-zero-footprint native Windows client, a Java applet, or a browser plug-in.

Eliminating Client-Side X Server Software

Unlike other less efficient options available on the market, GO-Global’s true server-based computing model runs the X Server software only on the UNIX server, not on the clients. This greatly reduces system complexities, improves overall performance, and saves time, resources and money.

Taking Advantage of the Rapid X Protocol

From a data transmission standpoint, the company was impressed with GraphOn’s patented Rapid-X Protocol (RXP). This



state-of-the-art protocol is much faster and offers better data compression than any other remote X alternative.

Rather than transmitting entire screen bitmaps over the network, GraphOn’s RXP protocol only transfers display commands from the UNIX server to the Windows XP clients, and only transmits keyboard and mouse events back to the server from the XP clients.

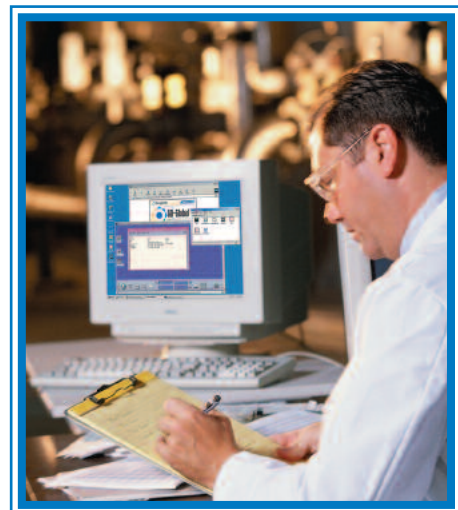
“We found that GraphOn’s centralized architecture and RXP protocol improved the speed and performance of our implementation,” he said.

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Strong Authentication and Security for Mission-Critical Operation

The Foxboro I/A system is a sophisticated, mission-critical process control system designed to meet the critical automation needs of the company’s European plant.

“We require nonstop operation and state-of-the-art security,” he continued. “As a result, it is quite important to us that GO-Global for UNIX incorporates 256-bit encryption and Secure Socket Layer technology. Since our control engineers are transmitting user names and passwords across the network, the enhanced security features built-in to GO-Global are very critical to the success of our operations.”



Increased Efficiency

Being able to run the UNIX applications from Windows XP machines proved to be highly efficient for the plant’s process control engineers. GO-Global eliminated the need for separate UNIX terminals, while allowing the engineers to run the complex UNIX applications on the same desktop used to run popular Windows productivity applications.

Outstanding Support

When deploying the GO-Global solution, the company discovered that GraphOn provides much more than just a software solution. GraphOn offers comprehensive support services to ensure trouble-free deployment.

“We have been very satisfied with the service and support provided by GraphOn, especially the excellent help desk support,” concluded the customer.



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