

A Free Newsletter for  
Unisys Users from

**KMSYS**  
WORLDWIDE, INC

# Q-Tips

## New UTS and T27 Connectivity Available

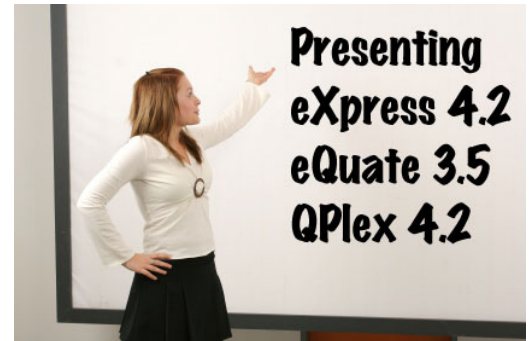
KMSYS Worldwide, Inc. is pleased to announce the availability of Version 4.2 of our eXpress product line. In an ongoing effort to stay abreast of rapidly changing technology, Version 4.2 fully supports IPv6 DNS Resolution, FIPS 140-compliant cryptographic security modules, FDCC standards, Unisys single-point sign on and utilizes the Microsoft .NET Framework.

In addition, eQuate, Version 3.5, and QPlex Client (HGS Web Client), Version 4.2, have been enhanced to take full advantage of the same security features offered to eXpress customers.

The new versions of eXpress Plus, Pro and Net also include improved script editing and an enhanced script implementation feature that allows scripts to be run automatically based on the contents of a screen received from the host application.

In previous editions, the only way to execute a script was through a menu item, action key or button. Now in addition to these traditional methods, a list of text strings and scripts can be easily maintained so that when anticipated text is received, the associated script will be run.

For eXpress Plus, Pro, Net and eQuate, script editing is enhanced by the addition of editing tabs that makes maintaining multiple scripts easier. In addition, when Dialog Forms are used with scripts, the Dialog Form Designer can be launched directly from the Script Editor.



The Script Manager in the eXpress emulator has been enhanced to work in tandem with the Script Editor so that the latest list of scripts created by the Script Editor is always visible and available for the easy maintenance of script menus and action keys.

Whether you are looking to implement the expanded IPv6 addressing scheme, add increased security or take advantage of the new scripting capabilities, we think you will appreciate these enhancements and benefit from the latest technology. If you are using eQuate, QPlex Client or any of the eXpress products (Plus, Pro, Net or IT) and are currently under maintenance, you can receive the upgrade free of charge. Please contact one of our account representatives at sales@kmsys.com or call (770) 635-6350.

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### Current Release Levels

<a href="#">eQuate</a>	3.5
<a href="#">eQuate Web</a>	3.5
<a href="#">Host Gateway Server</a>	2.0
<a href="#">InfoQuest</a>	5R6
<a href="#">InfoQuest Client</a>	5.0
<a href="#">I-QU PLUS-1</a>	11R6
<a href="#">I-QU ReorgComposer</a>	3R1
<a href="#">I-QU ReorgComposer Client</a>	3.0
<a href="#">Q-LINK</a>	6R6
<a href="#">QPlex Client</a>	4.2
<a href="#">QPlexView</a>	4.0
<a href="#">T27 eXpress Family</a>	4.2
<i>(IT, Plus, Net and Pro)</i>	
<a href="#">UTS eXpress Family</a>	4.2
<i>(IT, Plus, Net and Pro)</i>	

[Contact KMSYS Worldwide, Inc.](#)  
if you need an upgrade.

## Saying Goodbye to ActiveX

KMSYS Worldwide, Inc. has simplified and secured the deployment and activation of our browser-launched products, eQuate Web, eXpress Net and the Host Gateway Server Web Client (QPlex Client). By removing the requirement for ActiveX controls and CAB file deployment, KMSYS is providing state-of-the-art deployment of web-based applications.

Our new Application Deployment System (AppDep) provides for a ClickOnce™ deployment of our web based client interfaces. Any authorized user of the client system is able to activate and run the application without administrator privileges, even in a secure

locked-down user configuration. In addition, the removal of reliance on ActiveX and other COM objects will prevent issues caused by conflicting versions of controls installed by different products. Additionally, this solution does not require the installation or maintenance of the Java Runtime Environment (JRE).

AppDep, included with any dependent product, is installed only once on the application web server. Each product includes its own specific configuration for AppDep. Site-specific deployment requirements are easily maintained in a XML configuration file.

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*Saying Goodbye to Active X - Continued from p1*

User activation of the client application is as simple as clicking a link on a web page. The web application server will direct Internet Explorer to download and execute the AppDep program, which will in-turn download, configure and activate the requested application.



Only updated modules or configurations are downloaded during second and subsequent activations. By using the Microsoft specified directories and mechanisms, this process can be carried out by a user with the lowest possible security level.

Any system with .NET Framework, 2.0 or higher, installed supports AppDep and the products it deploys.

Now is a good time to upgrade to the newest versions of eQuate Web, eXpress Net and the Host Gateway Server Web Client (QPlex Client). Upgrading will provide:

- Simplified configuration management
- More robust deployment to the desktop
- Easy deployment in any client security environment
- Support for IPv6 and IPv4 connectivity
- FIPS 140-Compliant Cryptographic Security Modules
- Compatibility with FDCC Standards
- Support for Unisys Single Point Sign On

™ Microsoft Corporation

*"I would like to thank you for the response to my issues to this date. I have never had such impressive customer support from a software vendor."*

David Shaw  
Interface Analyst for EDS

Thank you, David. It's always nice to hear compliments like this.

## Questions and Answers



### Screen Image Printing in eXpress Plus

**Q:** When I try to print screens using File ... Capture Screen, changes in fonts and point size in the "Printer Device Selection and Setup" menu aren't reflected. It works fine using Print Screen (ALL) and the @@prnt/@@nopr combination.

What controls whether a screen image is printed on the same page as the previous image or on the next page?

**A:** The only way to get multiple screen images on a page is to do multiple Capture Screen commands followed by a Print Captured Screens.

When you start the capture process by selecting Capture Screen from the File menu, you are opening an internal buffer that stores the image of the screen. Note: font and sizing info is NOT stored with the image. Each subsequent Capture Screen that you do is tacked on to the end of that buffer until such time that you do a Save/Print/Clear Captured Screens. Once you have captured all of the screens that you want, do a Save Captured Screens to place them in a text file. You can then open them with something like Notepad, change the fonts and print them. ■

## Carnival Survey

We at KMSYS Worldwide, Inc. frequently ask our customers to provide us with feedback so we can use that information to determine how our products are being utilized and to improve our product services. The following survey result is on the I-QU Suite (I-QU PLUS-1 and I-QU ReorgComposer), and comes from the good folks at [Carnival Cruise Lines](#), office of the Supervisor and Resource Manager, Enterprise Database Group and Web Methods Administration:



### **“Reduced Downtime”**

**Question:** How have you benefited from using I-QU PLUS-1?

**Answer:** Reduced downtime.

**Specific Benefits:** Because of its ability to manipulate DMS 1100 database pointers, I-QU PLUS-1 does NOT incur the usual overhead of linking set pointers associated with traditional reorganization methods of COBOL and the DRU/REORG utilities. In some cases, database pointers and keys may be modified in place to allow for area code changes, more areas and additional pages. The overall savings can be significant – in some cases, as much as 80%.

### **“Quicker Development Time”**

**Question:** How have you benefited from using I-QU ReorgComposer?

**Answer:** Quicker development time.

**Specific Benefits:** The built-in reorganization dialog, allows the Database Administrator (DBA) to generate complete I-QU PLUS-1 code, utilities and runstream to handle the most complex database reorganization. The dialog and generation can be accomplished in a matter of minutes resulting in shorter development cycles.

**Question:** Do you feel that these products have met your demands?

**Answer:** Yes.

### **“Significant Cost Savings...”**

**Question:** Have there been cost savings resulting from the use of these products?

**Answer:** Significant cost savings in developing reorgs and reduced downtime for our production reservations application.

**Question:** Are people more productive; in other words, can users work more quickly and efficiently?

**Answer:** Yes.

**Question:** Is there anything you can do now, that you were not able to do before?

**Answer:** Yes. Before IQU, we had COBOL programs that would drain 3 months of data from production. Then load this data into the 1 test database. That was maintenance of over 200 programs and the whole process took at least 6 weeks. So we were always preparing or executing a refresh just to get 3 months of data in the test systems. Needless to say, our testing was never thorough. We could not get accurate timings or do real UAT testing.

Since IQU, we duplex the production files, then down the files during any one of our scheduled maintenance downtimes, simplex the legs, take the extra leg and use DPBCHANGE to change the production area codes to the test area codes and then bring up a COPY of the ENTIRE production database on test.

NO programs to maintain, one program that dynamically builds the DPBCHANGE eclcs that never needs maintenance. The whole process was up until recently done to refresh 7 FULL test databases. Each one taking about 48 hours instead of one month.

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## Q-Tips

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*Carnival Survey - continued from p3*

We used to have 1 full time person working on refreshes, and 3 others that assisted heavily at times. Now we have one person that does refreshes and its only 10% of their total tasks.

[Follow-on Comment: The I-QU Suite will handle time-critical database reorganization chores and free the DBA to concentrate on scheduling, database design changes and other cyclical enhancement activities.](#)

**Question: Was the initial setup and subsequent rollout of the products a smooth one?**

Answer: Yes.

**Question: If so, how was your experience with our technical support team?**

Answer: Excellent.

We would like to thank our friends at Carnival Cruise Lines for taking the time to respond to our survey and for their kind words. ■

## Links and Responses

Once again, we found a very informative and entertaining piece from one of our favorite writers, Lou Washington, at Cincom. Below is an exchange between Lou and our own Lew.

[Here is the link to Lou's article.](#)

Here is our Lew's response and Lou's reply:

Dear Master of MIPS,

Having read your many mainframe musings, I thought it was time to introduce myself and let you know how much I enjoyed your latest, dispelling the extinction myth.

My name is Lew Holley and I work for KMSYS Worldwide, Inc., a developer of connectivity and productivity software for Unisys mainframes. I currently serve as a technical writer, support analyst and contributor to our company newsletter.

My involvement with computers dates back to the mid 60s - circa RCA 301, IBM 1401. I owe my career to the development of big iron and have been dismayed by the industry's move toward disjointed, server-based technology that often fails to deliver the performance, integrity and security of the mainframe. On a note of hope, I have witnessed more than one government agency or company embark on such a move only to reverse course because the proposed replacement was proving inadequate or too costly to implement. Yet with every story we read in the MSM about identity theft and lost government records, one has to question who is at the helm.

I was encouraged to read in your article that IBM has "pledged to train 20,000 mainframe-literate IT professionals" (maybe I

should offer my services to train some of those young whippersnappers). The article to which you link states that "more mainframe-based configurations are needed to share increased data and networking loads." In my mind, this commitment by IBM implies that there is indeed a resurgence of mainframe thinking.

In closing, thank you for your insightful - and always entertaining - articles. I frequently pass them along to customers and associates.

With best regards,  
Lew Holley

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Lew,

Thank you so much for your kind note. I'm glad that you are enjoying the articles.

I had occasion to visit IBM in Poughkeepsie a couple of years ago. This was one of their exec fly-in two-day seminars on the future of the mainframe. I figured I would be hanging around a bunch of guys about my age, but I was pleasantly surprised to see a number of folks there that were, shall we say, not yet worried about retirement. It really was a great seminar; IBM is clearly committed to mainframes and zOS.

I certainly share your concerns about security. We seem to be fixated on portability, which, to me [is] like the bank telling the tellers to pack up the money and take it home with them each night. How many laptops, open-drives and other portable items have been stolen, lost or otherwise compromised?

Lou Washington ■

