



Crawford Technologies Inc.
555 Roselawn Ave
Toronto, ON, Canada
www.crawfordtech.com
1-866-679-0864

Press Release:

Crawford Technologies Introduces **PRO JES to TCP/IP**

Toronto, Ontario, October 17, 2003 - Crawford Technologies Inc. today introduced an innovative new software product for zSeries computers. **PRO JES to TCP/IP** is designed for organizations using the IBM z/OS and OS/390 operating systems with JES2 or JES3, who want to send their print data to Xerox printers using TCP/IP networks instead of Bus & Tag channel interfaces. By utilizing **PRO JES to TCP/IP**, clients can further automate and enhance their production printing process without having to change existing workflow and operating environments.

The **PRO JES to TCP/IP** product is a software product that automates the transmission of print output over LPR or sockets connections in JES2 and JES3 environments.

PRO JES to TCP/IP fits into the z/OS and OS/390 system and runs just like any other system software. When run as a Started Task, the program can be controlled with MVS operator commands. Multi-threading functionality allows throughput to be maximized during critical print windows. It includes SAPI, FSS and External Writer JES spool interface capabilities in order to fit any environment. On most systems, temporary DASD space is not necessary, optimizing the entire process.

PRO JES to TCP/IP can be used to eliminate obsolete hardware-centric solutions where specialized communications devices such as channel extenders and S/370 channel adapters are used to connect systems to the mainframe. This

can result in substantial maintenance cost savings as well as performance improvements

"Now our clients will be able to simplify a 'roundabout' mainframe printing process by routing output directly to new LAN attached printers over TCP/IP. We have made it simple and easy for users without causing significant operational changes", exclaimed Ernie Crawford, President of Crawford Technologies Inc.

About Crawford Technologies Inc.

Crawford Technologies Inc. provides print stream transform, extraction and manipulation solutions that are unsurpassed in the industry. With our committed and knowledgeable product teams, Crawford provides unparalleled development, design and support. Crawford is a global leader in providing advanced print production transformation products for the financial, insurance, medical, government, and telecommunications industry. Crawford's powerful suite of conversion and enhancement products automates the transformation of print-stream, data manipulation and document output. Crawford Technologies Inc. is based in Canada. Our Toronto and Vancouver development centers produce high quality, cross-platform products using advanced development and testing techniques.