

Leader Corporation

Software Engineering

Wednesday, January 05, 2000

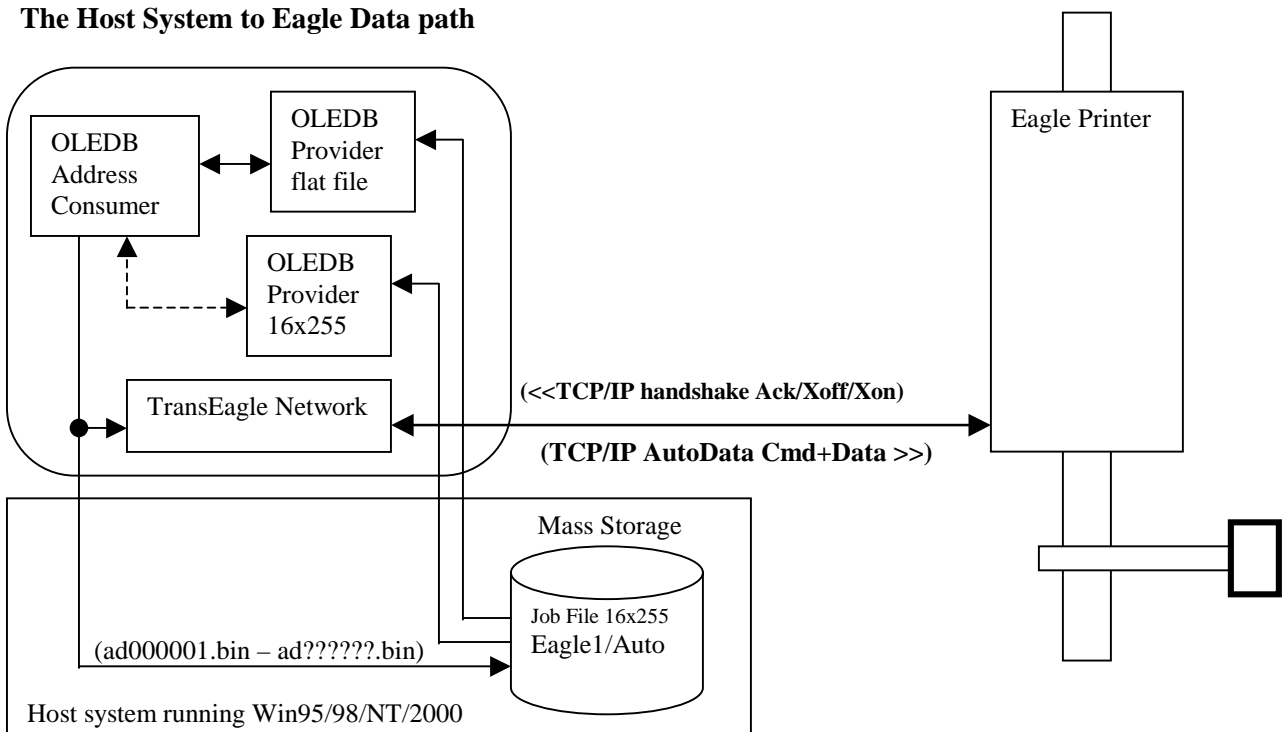
Technical Field Notice: Leader OLEDB Address Consumer/Provider

From: Rob Dimick
To: All AutoData users
Subject: Leader OLEDB Address (16 x 255) Consumer/Provider
CC:

Eagle AutoData Overview

The Eagle Series printer supports the notion of live print data with the inception of AutoData. AutoData is simply a mapping mechanism that allows the user to bind or link specific AutoData fields to Eagle text or barcode message elements. As currently designed, AutoData supports the binding of up to sixteen (16) data fields to any of the Eagle's twenty five (25) text or ten (10) barcode message elements. AutoData is accepted at the Eagle via an Ethernet connection or via the RS232 serial communication port two (2). Leader's TransEagle Network host software package provides remote selection and transfer of print message files to the Leader Eagle Series Printer via an Ethernet connection. TransEagle Network now supports automatic parsing and transfer of autodata.bin files in the same manner as the auto transfer of Eagle message.txt files. Just create, copy or paste an autodata.bin file into the target Eagle's Auto folder and the data is automatically transferred to the Eagle printer. The Eagle printer checks the data and if all is well it performs a build and provides a single print of the data. ImageMaster provides AutoData setup support. Leader is now providing host OLEDB or Object Linking and Embedding Database Support to facilitate the printing of multiple print job files. The print job files are accessed via the OLEDB Consumer/Provider mechanism to provide a robust data interface that utilizes the latest developments in conformance with the Universal Data Access scheme designed by Microsoft Corporation.

The Host System to Eagle Data path



Typical Print Job and Software Install/Startup Sequence of Events

1. Power up the Eagle printer and verify network connection.
2. Power up the host system and install the Leader Software package.
3. Execute ImageMaster and create a message.txt file for this job to include AutoData setup.
4. Execute TransEagle and connect to the target Eagle.
5. TransEagle Network - Select the file created in step #3 and transfer it to the Eagle. The Eagle printer should beep as it builds the message and return a print preview bitmap to TransEagle Network if selected. The Eagle is now ready to print unlimited copies of the test data that was set into the various text and barcode message elements in step #3 above.
6. Install the 16x255 flat text database file into the Leader software install dir/DBFiles folder renaming the file to "EagleAddressJobfile.txt".
7. Execute Leader OLEDB Address Consumer. The consumer should open, access the database file confirmed in step #6 and display the first record or job in the database or job file.
8. Leader OLEDB Address Consumer – click on the Eagle print pushbutton to start printing the job file. Data will be spooled to the Eagle printer via TransEagle network. The Eagle printer will now be limited to one print per AutoData job.

Note: The above description is relevant to the 16x255 consumer, provider and target database or job file. A similar sequence of events would be administered to provide access to the older 6x45 target database or job file when the consumer and provider are available. Please contact Leader to request AutoData support for applications that better "fit" the 6x45 flat file format.

Please feel free to contact Leader at the following for additional information:

Tel: 817.640.4610
Fax: 695.2772
Email: leader@leadercorp.com
WWW: www.LeaderCorp.com

Best Regards,
Rob Dimick
Software Engineer