A. T. Kearney DaimlerChrysler MRO Management Program

Supplier EDI Connectivity
Configuration and Test Guide

(December 6, 2004)

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This document contains important information on supplier EDI configuration for the AT Kearney Managed DaimlerChrysler MRO Procurement. Answers to most frequently asked questions can be found in this document.

1.   Summary of EDI Communication

This document outlines the communication settings and test procedures for connecting to A. T. Kearney (ATK)'s EDI server for ATK managed DaimlerChrysler (DCC) MRO procurement. The EDI server is hosted and managed by World Wide Technology (WWT), ATK's operating partner and system integrator.

1.1 Types of EDI Documents

Currently ATK uses three types of EDI documents to communicate with the suppliers. These documents are:
- Outbound PO (850)
- Inbound Invoice (810)
- Outbound Remittance Advice (820)

With some minor changes, the structures and specifications of those documents are identical to DCC's definition, which can be found on DCC's extranet through Covisint. The DCC standards are based on ANSI ASC X12. Please see the FAQ section on how to obtain the DCC EDI specifications.

Please note that DCC has updated their EDI specs. Please refer to the ATK Specific EDI Requirements Section for the required change by ATK.

Given that the specifications are well documented by DCC, it is the suppliers' responsibility to develop, integrate and test the interfaces between the EDI data files and their other application systems. Because of the wide variation of enterprise systems, ATK is not able to provide assistance in those interfaces. However, ATK will provide example 850 documents during the connectivity test, and the suppliers are expected to send back 810 as the test document.

Suppliers must be able to receive and decode the EDI messages from, and encode and send EDI messages to, ATK, following the DCC EDI standards.

1.2 ATK Specific EDI Requirements

810, REF~PK Segment:

The supplier's packing slip number must be populated into this segment, and the number must match the packing slip number with the shipment. This number will be used to match invoice with receipt. Failure to do so may cause delay in payments. This segment is optional in DCC's specs, but it is mandatory by ATK.

1.3 Connectivity Method

EDI files are transferred from and to the ATK EDI server with the FTP/s protocol over the Internet. The supplier should have compatible connection software capable of doing FTP/s with ATK. Regular FTP is allowed only on an exceptional and temporary basis, and is not recommended by ATK due to security concerns.

The supplier must provide a full-time IT resource to work with WWT, to ensure satisfactory and stable EDI connection between the supplier and ATK.

1.4 File Naming Convention

The naming conventions for all EDI files need to be in the form of YYYYMMDDHH24MISS.edi. For example, a file generated on September 4th, 2004 at 04:30 PM and 30 seconds should be named as 20040904163030.edi.

2. Connection Settings

2.1 Configuration Parameters

The following parameters must be configured in the supplier's EDI communication system:

URL	dev-ftp.wwt.com (to be updated)
Port	21 for both FTP and FTP/s
FTP/s Mode	■ SSL_AUTH (IMPLICIT is not supported as it is being de-supported by the standard) ■ PASSIVE Mode

2.2 File Locations

To transfer EDI files to ATK, use /inbox
To obtain EDI files from ATK, use /outbox

During the EDI test period, please use the following setting:
To transfer EDI files to ATK, use /test/inbox
To obtain EDI files from ATK, use /test/outbox

2.3 User ID and Password

Each new ATK supplier will be provided a User ID and password for the connectivity test, after they have provided the necessary information to ATK. Please refer to the Connectivity Test Procedure section for detail.

It is the supplier's responsibility to ensure the security of the password. Since ATK does not require client side security certificate, release of password to others could result in information security issues.

The initial password is *pass123*. Please change the password as soon as possible.

2.4 EDI Trading Partner ID and Qualifier

The Suppliers must provide ATK their EDI Trading Partner ID and Qualifier in order to receive a user ID. The partner ID is the descriptor in the ISA and GS segments that tells the trading partner who the partner is that is sending the documents. The qualifier tells

what type of Partner ID is being sent. Please refer to ANSIX12 standard for detail information.

ATK's Partner ID and Qualifier are listed below:

Partner ID: 3149191400T
Qualifier: 12

3. Connectivity Test Procedures

The connectivity test is a mandatory procedure for all new ATK suppliers, to ensure that EDI documents can be transferred securely in both directions.

Example 850 documents will be used as the test document from ATK to the suppliers, and the suppliers are expected to send the corresponding 810 documents back to ATK to conclude the test. The following steps outline the procedure for supplier connectivity test:

Preparation

1. Identify the IT resources
2. Obtain this document and understand the requirements for EDI communication
3. Select the EDI client software
4. **Request EDI (FTP/s) User ID from ATK (through WWT). The following information must be provided:**
   - **IT resource contact information (Email and Phone Number)**
   - **EDI Trading Partner ID**
   - **EDI Partner Qualifier**

Configuration and Test

5. Configure the EDI client software
6. Receive 850 test files from ATK's EDI server
7. Send 810 based on the 850 received from ATK
   * Re-configure software settings if errors occur during test

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Confirmation

8. Verify data received and sent with ATK (through WWT)

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4. Contact Information

Answers to most frequently asked questions can be found in this document. If you have any questions regarding the ATK EDI specifications or the EDI test that are not covered by the document, please contact:

AT Kearney Supplier EDI Support (by World Wide Technology)
Telephone: 314.919.1669
Email: supplier.integration@wwt.com (Please use email for quicker response.)

Please note that the EDI Support only answers EDI-related technical questions. The sales department (or similar functions) of your organization should be the best resource for any non-technical questions.

5. Frequently Asked Questions

Category	Question	Answer
General	Where can I find the DCC EDI specs?	Go to www.covisint.com Select the *Trading Partners* tab Click *DaimlerChrysler	Chrysler Group* Select the *Reference* tab, Click *EDI Implementation Guides	Non Production Parts Supplier*
General	What is the due date for the EDI configuration and test?	The due date is based on the procurement schedule arranged between your organization and ATK. You must complete the EDI configuration and test before you are able to receive any order from us. Therefore, you should allow adequate time for EDI before receiving your first order from ATK. Please check with your sales department or similar functions for the timeframe to receive your first order from ATK. We generally suggest two weeks for the EDI configuration and testing for the suppliers that are already doing EDI with DCC. If you are not doing EDI with DCC currently, please allocate more time to EDI.
Connection	Can we conduct EDI transactions with ATK through a VAN (value added network)?	ATKearney does not use a VAN for EDI transactions. To address the security concern, we offer FTP/s connection, which is supported by many popular EDI clients. We understand that it may take longer for the suppliers to configure the FTP/s connection. Before you are able to connect to us via FTP/s, you may use FTP as an interim solution. However, ATKearney is not responsible for any information security issues in the file transfer process.

Category	Question	Answer
Connection	How to get an FTP User ID?	In order to obtain a User ID, you need to provide your EDI Partner ID and Qualifier. Please send the information to the email address listed in Section **Error! Reference source not found.**, along with the request for an FTP User ID and Password. Please refer to Section 2.4 for the details regarding EDI Partner ID and Qualifier.
850	We do not service the plant and parts in the test 850 order from ATK. Will ATK send us a test order with the parts and locations we are servicing today?	We understand suppliers may have problems processing orders with parts and locations they are not servicing today. However we are not able to generate test 850 orders with specific details for each individual supplier before it is transitioned. We recommend suppliers to manually change the parts and locations in the test 850 file, or configure your system temporarily to accept the test file, in order to test the EDI mapping and 810 generation.

6. Software Configuration Example

The following screen copies illustrate an example of a configuration with a popular EDI connectivity client, Cleo LexiCom. Note: This parameter configuration is illustrative and in no way should be considered as ATK's recommendation for EDI client software.