



# EDI IMPLEMENTATION MANUAL INTRODUCTION

March 20, 2001

*True Value*® **SERVISTAR COAST to COAST**<sup>SM</sup>

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**TRUSERV CORPORATION  
EDI IMPLEMENTATION MANUAL  
INTRODUCTION**

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# **TRUSERV CORPORATION EDI IMPLEMENTATION MANUAL INTRODUCTION**

## **1.0 Introduction**

TruServ Corporation is committed to Electronic Data Interchange (EDI). We began our EDI program in 1984 with purchase orders using the Hardlines Industry EAGLE Standard administered by COMMERCE: NETWORK (formerly ORDERNET). We now transmit purchase orders in the ANSI X12 format and will continue our expansion with the implementation of additional documents.

We are all familiar with the definition of EDI: the electronic exchange of business information in a standard format from a computer application in one company to a computer application in another company. We know that not all companies are fully convinced of EDI benefits, which can include reduction of lead time, improved accuracy, fewer errors, and operational cost savings.

We believe EDI benefits do exist but are achieved primarily when EDI is viewed from a company-wide perspective and when the necessary changes are made in computer systems, technology, and procedures to effectively manage and process EDI information. TruServ Corporation is upgrading systems to fully integrate EDI information. We will be able to give our vendors better information about our purchasing requirements so that they can plan operations more effectively to meet our demands. This will be mutually beneficial.

This Implementation Manual will answer your questions in establishing an EDI relationship with TruServ Corporation. If you need basic information about EDI, Appendix A contains names and addresses of organizations to contact to get more information.

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## **2.0 EDI Implementation Manuals: Structure**

TruServ Corporation's EDI information is published in multiple parts. This document introduces our EDI program.

Currently, we require that our vendors receive the 850 Purchase Order and send the 810 Invoice. Implementation of other documents or programs requires TruServ Corporation approval.

The following lists our EDI Manuals for documents and programs. The 997 Functional Acknowledgment is not explained in a separate manual; its requirements are explained in Section 9.0.

### **2.1 Documents**

810 Invoicing

Direct Ship

RDC

816 Organizational Relationships

Member location updates

850 Purchase Order

These are purchase orders for our Regional Distribution Centers.

856 Ship Notice/Manifest

### **2.2 Programs**

Credit Authorization Implementation Manual

This allows vendors to request and receive credit authorization information for direct ship purchase orders via EDI.

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**3.0 Future Plans**

TruServ Corporation plans to implement EDI transaction sets to support functions in purchasing, distribution centers, and financial areas. Successful implementation for many transaction sets depends upon receiving accurate UPC information. Distribution centers are implementing systems that will require shipping container bar code markings and labels.

**3.1 Transaction Set Implementation**

The following are programs being planned:

Vendor Payments with Remittance information  
EDI Direct Ship Purchase Orders from our Members.

**3.2 UPC and Shipment Bar Code Requirements**

TruServ Corporation has requirements for UPC codes and shipping container markings. We expect changes in these requirements as we implement new computer systems in our Regional Distribution Centers. See TruServ Corporation's Vendor Agreement for more information.

For general information about UPC codes, contact the Uniform Code Council. See Appendix A for information.

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**4.0 Data Communications**

We send and receive EDI transaction sets via the third party value-added network COMMERCE: NETWORK. We support interconnects and can communicate to any network that COMMERCE: NETWORK interconnects to.

Each party is responsible for its own costs in transmitting documents through a third party value-added network. When sending transactions, TruServ Corporation only pays transmission costs to one receiving mailbox: we do not pay the cost to send carbon copy transmissions.

We support direct connect communications under special circumstances. Please call someone in EDI technical support for information.

See Appendix A to obtain information about COMMERCE: NETWORK Services.

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**5.0 EDI Information and Support Telephone Numbers**

EDI Purchase Order Support, Ship Notice, and UPC/Bar Code Information:

Pat Kijek	EDI Coordinator	(773) 695-5804
		FAX (773) 867-2218
Jill Winkel		(773) 695-5802

EDI Invoicing		
Lynn Redisi	EDI Coordinator	(773) 695-5472
Colette Tueffel	Mfr. A-F	(773) 695-6359
Terri Gray	G-Pa	(773) 695-5420
Vannie Gates	Pb-Z	(773) 695-6183
		FAX (773) 695-6548

EDI Technical Support:

Ed Kurcz	EDI Specialist	(773) 695-6083
		FAX (773) 695-6512

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**6.0 Implementation Steps**

1. After reviewing this Introduction Manual and the manual for the document or program you want to implement, call the EDI Coordinator to arrange a test.
2. After testing is complete, the parallel transmission mode may be required, where the paper document is sent along with the EDI transmission. Paper documents sent by TruServ Corporation in parallel mode will contain a message indicating that this information was also sent via EDI.
3. When both sender and receiver are mutually satisfied that the EDI transmission is successful, the paper document is no longer sent.



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**7.0 Electronic Data Interchange Agreement**

The Electronic Data Interchange Agreement is included in TruServ Corporation's Authorized Vendor Agreement.

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**8.0 Identifiers**

**8.1 TruServ Corporation ISA Transmission IDs**

Qualifier:	14 (DUNS + Suffix)
Identifier	006929681100

**8.2 Bill-To N1 Segment Identifier**

Qualifier:	1 (DUNS)
Identifier:	006929681

TruServ Corporation  
Accounts Payable Invoices  
P.O. Box 1222  
Butler, PA 16003-1222

**8.3 Distribution Center N1 Segment Identifiers**

Following are the names and addresses of the TRUSERV CORPORATION distribution centers associated with the ship-to numbers.

Qualifier:	9 (DUNS + 4)
------------	--------------

006929681000 <u>1</u>	HARVARD 308 S. Division St. Harvard, IL 60033-3058
006929681000 <u>2</u>	CLEVELAND 26025 First St. Westlake, OH 44145-1400
006929681000 <u>3</u>	MANCHESTER 333 Harvey Rd. Manchester, NH 03103-3345
006929681000 <u>4</u>	ATLANTA 7600 Jonesboro Rd. Jonesboro, GA 30236-2450
006929681000 <u>5</u>	BUTLER

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2 TruServ Way  
East Butler, PA 16029

0069296810006

ALLENTOWN  
7058 Snowdrift Road North  
Allentown, PA 18106-9274

0069296810007

KANSAS CITY  
14900 US Hwy 71  
Kansas City, MO 64147-1011

0069296810008

KINGMAN  
4005 Mohave Airport Drive  
Kingman, AZ 86401-6766

0069296810009

CORSICANA  
2601 East Highway 31  
Corsicana, TX 75110-1010

0069296810010

MANKATO  
2415 3rd Ave.  
Mankato, MN 56001-2797

0069296810011

INDIANAPOLIS  
5201 W. 86th St.  
Indianapolis, IN 46268-1094

0069296810012

DENVER  
11275 East 40th Avenue  
Denver, CO 80239-3210

0069296810013

WOODLAND  
215 Pioneer Avenue  
Woodland, CA 95776-5907

0069296810014

HENDERSON  
Raleigh Rd. US Bus.1S  
Henderson, NC 27536-2531

0069296810015

BROOKINGS  
2500 Eastbrook Drive

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Brookings, SD 57006

0069296810021

BUTLER CONSOLIDATION  
One TruServ Way  
Butler, PA 16029

0069296810026

SPRINGFIELD  
2150 Olympic St.  
Springfield, OR 97477

0069296810027

HAGERSTOWN  
16500 Hunters Green Parkway  
Hagerstown, MD 21740

0069296810031

HARVARD CONSOLIDATION  
320 S. Division St.  
Harvard, IL 60033-3058

0069296810041

CENTRAL SHIP  
306 S. Division St.  
Harvard, IL 60033

0069296810093

WOODLAND CONSOLIDATION  
215 Pioneer Avenue  
Woodland, CA 95776-5907

#### **8.4 Store Member Identifiers**

For direct ship invoices, TruServ Corporation requires that the vendor send us our internal identifier for the store Member. We can provide a diskette of our store Member identifiers and addresses, but we prefer to send Member location updates using the ANSI X12 816 Organizational Relationships transaction set containing member address information for first time load for all Members and ongoing weekly updates.

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## **9.0 Standards Information**

This section contains general transmission information.

### **9.1 Functional Acknowledgments**

#### Acknowledgment by Receiver

We expect the 997 Functional Acknowledgment to be transmitted within 2 business days after **our transmission**.

We can accept acknowledgments at three levels:

- Interchange  
TA1 segment
- Group  
AK1/AK9 segments
- Transaction  
AK1/AK9 and AK2/AK5 segments

We can also accept acknowledgment error segments AK3/AK4.

Group level acknowledgment is mandatory. Interchange and transaction level acknowledgments are optional. Acknowledgment error reporting is optional.

#### Acknowledgment by TruServ Corporation

We always send 997 Functional Acknowledgments within 24 hours.

We can send acknowledgments at all three levels: interchange, group, and transaction. We can also send error acknowledgment information. If error acknowledgments are sent, we will automatically send a TA1 segment.

### **9.2 Control Information**

#### Documents Sent by TruServ Corporation

Control numbers are tracked by receiver. This allows the receiver to sequence check transmissions.

Interchange: ISA

The control number is incremented by one each time a transmission is sent.

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Group: GS

The control number is incremented by one for each functional ID code.

Transaction: ST

The control number is incremented by one for each transaction set type.

## **Documents Received by TruServ Corporation**

We can sequence check control numbers at the interchange, group, and transaction levels as described above. Providing sequential control numbers is optional.

### **9.3 ISA Separator and Terminator Characters**

#### **Transmissions Sent by TruServ Corporation**

The following ISA characters are normally transmitted. If required, other characters can be sent.

Element Separator:	Hex 2F (ASCII 07) This is the "bell" character.
Segment Terminator:	Hex 15 (ASCII 0D) This is the "new line" character.
Subelement Separator:	Hex 6E (ASCII 3E) This is the ">" character.

#### **Transmissions Received by TruServ Corporation**

We can accept any separator and terminator characters.

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**Appendix A: EDI Information**

Source for ANSI X12 EDI Standards:

Data Interchange Standards Association, Inc.  
1800 Diagonal Road, Suite 355  
Alexandria, VA 22314-2852  
(703) 548-7005

Source for UPC, Bar Coding, EDI Software Information:

Uniform Code Council  
8163 Old Yankee Road, Suite J  
Dayton, OH 45458  
(513) 435-3870

Source for Network Communications Services:

Sterling Software  
COMMERCE: NETWORK (formerly ORDERNET)  
P.O. Box 7160, 4600 Lakehurst Court  
Dublin, OH 43017-0760  
  
(614) 793-7000

**TRUSERV CORPORATION  
ELECTRONIC DATA INTERCHANGE**