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E1: 04: How To Set Up Voucher Batch Processing (P0411Z1/R04110ZA) (Doc ID 625783.1)

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Modified: Jul 18, 2013 Type: BULLETIN Status: PUBLISHED
Priority: 3

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JD Edwards EnterpriseOne Accounts Payable - Version XE and later
Information in this document applies to any platform.

PURPOSE

This document discusses how to set up Batch Voucher Processing within JD Edwards EnterpriseOne Accounts Payable.

SCOPE

This document is intended for users who are setting up or using the Batch Voucher functionality in the JD Edwards EnterpriseOne system.

DETAILS**Overview**

Voucher batch processing is a method of adding vouchers from a system external to JD Edwards EnterpriseOne software, such as PC data entry, third party systems or electronic data interchange (EDI). To utilize the JD Edwards voucher batch processing, a custom program must first be created to upload voucher information correctly into the Voucher Transactions Batch Upload table (F0411Z1) and the Journal Entry Transactions Batch File table (F0911Z1).

After the voucher information has been converted to the proper format in the Voucher Transactions Batch Upload table (F0411Z1) and the Journal Entry Transactions Batch File table (F0911Z1), run the Batch Voucher Processor Report (R04110ZA). This program performs the following tasks:

- Applies validation rules to the upload data.
- Provides default data, when applicable.
- Creates voucher information in the Accounts Payable Ledger (F0411).
- Creates associated GL distribution information in the General Ledger (F0911).
- Creates associated payment records in the Accounts Payable Matching Document (F0413) and Accounts Payable Matching Document Detail (F0414) tables if payment information is also specified in the batch voucher records.

After the external vouchers have been uploaded to the Accounts Payable Ledger (F0411) and the General Ledger (F0911), they can be processed as JD Edwards EnterpriseOne transactions.

Caution: Directly updating either the Accounts Payable Ledger (F0411) or the General Ledger (F0911) without using the batch process has the potential to negatively impact your JD Edwards EnterpriseOne voucher information.

Note: The Voucher Batch Processing can be used to upload Payment Without Voucher Match transactions of Batch Type 'W' and Document Type PM. You could run a test by adding a record via P0411Z1 application set with Processing Option - Manual Checks Creation to '1. This will pop up Payment Information form where you can specify the Payment Number (DOCM). While running R04110ZA to process payments, ensure that you set the Processing Option - Version tab, MBF for Voucher Processing to ZJDE0002.

Processing Batch Vouchers

The Batch Voucher Processor Report (R04110ZA) can be accessed from the Batch Voucher Processing menu (G04311). After data has been entered into the Voucher Transaction Batch Upload (F0411Z1) and Journal Entry Transactions Batch File (F0911Z1) tables through a custom program or manual entry, run the Batch Voucher Processor Report (R04110ZA). This program copies the information in the Voucher Transaction Batch Upload (F0411Z1) and Journal Entry Transactions Batch File (F0911Z1) tables into the Accounts Payable Ledger (F0411) and Account Ledger (F0911) tables, respectively. This UBE can run in Proof or Final mode.

In Proof Mode, the system:

- Verifies the data, produces a report that shows the number of incorrect transactions, and creates workflow messages. Processing in proof mode does not update the Accounts Payable Ledger (F0411) or the General Ledger (F0911).
- The workflow messages are helpful in correcting any errors before processing the batch vouchers in final mode.

In Final Mode, the system:

- Creates vouchers in the Accounts Payable Ledger (F0411) and the associated journal entries in the General Ledger (F0911).
- Creates payments in the Accounts Payable Matching Document (F0413) and Accounts Payable Matching Document Detail (F0414) tables, if applicable.
- Creates Advanced Cost Accounting information in the General Ledger (F0911). This step is only executed if the Activate Cost Objects (data dictionary item CO01) flag in the Cost Management Constants table (F1609) is turned on and the voucher contains cost management information.
- Assigns each voucher a Document Number (data dictionary item DOC), if unspecified in the Voucher Transactions Batch Upload table (F0411Z1).
- Assigns a Batch Number (data dictionary item ICU), if unspecified in the Voucher Transactions Batch Upload table (F0411Z1).
- Populates fields that are left blank, if necessary.
- Produces a report that displays the number of correct and incorrect transactions.
- Creates workflow messages.
- Purges vouchers that have been processed from the worktables, if configured to do so in the Processing Options.
- The information that the system populates into blank fields includes:
 - The Document Number (DOC) is fetched from Next Number Revisions (P0002).
 - The Fiscal Year (data dictionary item FY) and Period (data dictionary item PN) are calculated from the GL Date and Companies program (P0010).
 - The Explanation (data dictionary item EXA) in the General Ledger (F0911) is the supplier's alpha name as defined in the Supplier Master (P04012).
 - The Company (data dictionary item CO) in the General Ledger (F0911) is assigned based on the business unit from the first line of distribution.

Note: Two program versions of the Batch Voucher Processor Report (R04110ZA) are for Payroll processing only. These versions are ZJDE0003 and ZJDE0004.

Working with Batch Vouchers

It is likely that the Batch Voucher Processor Report program (R04110ZA) is unable to process some records because of incorrect mapping of fields or missing data. For any records that end in error, review the error messages in the Work Center (P012503), revise the records, and run the Batch Voucher Processor Report (R04110ZA) again.

The Batch Voucher Entry (P0411Z1) can be used to review and revise any unprocessed records in the Voucher Transaction Batch Upload (F0411Z1) and Journal Entry Transactions Batch File (F0911Z1). However, because of the limited changes that can be made using Batch Voucher Entry (P0411Z1), it is recommended that revisions be made directly in the external data.

Note: The Batch Voucher Entry (P0411Z1) cannot be used to revise successfully processed records. After batch vouchers have been uploaded in the Accounts Payable Ledger (F0411) and Account Ledger (F0911) tables, they must be updated using Supplier Ledger Inquiry or Standard Voucher Entry application (P0411).

The Batch Voucher Entry (P0411Z1) can also be used to manually add records to the Voucher Transactions Batch Upload table (F0411Z1) table. This feature is helpful in troubleshooting issues experienced when processing transactions. To detect and correct any discrepancies, add a batch voucher manually and attempt to process it. If it is successful, compare the data with the problem records.

Posting Processed Batch Vouchers

After processing batch vouchers, they must be posted to the General Ledger (F0911). This step can be completed manually by selecting the Post Vouchers to GL (R09801) program from the Supplier & Voucher Entry (G0411) menu or automatically after the Batch Voucher Processor Report (R04110ZA) completes. To have the post process occur automatically, two processing options for the Batch Voucher Processor Report program (R04110ZA) must be set:

- Processing Option 1: Version on the Auto-Post tab - Enter a version of the General Ledger Post (R09801) UBE.
- Processing Option 1: Batch Approval on the Batch Approval tab - Enter 1 in the to automatically set the status of the processed batch to Approved.

Please see [Document 1411534.1](#) for more information on posting.

Purging Processed Batch Vouchers

After records from the worktables are successfully processed and added to the Accounts Payable Ledger (F0411) and General Ledger (F0911), they can be purged. The system holds processed vouchers in the batch table until they are purged. Batch vouchers can be purged in either of the following ways:

- Have the system purge them automatically by setting Processing Option 3 on the Process tab of the Batch Voucher Processor Report (R04110ZA) program to 1.
- Purge them manually by using the Purge Batch Voucher Entries (R0411Z1P) program from the Batch Voucher Processing menu (G04311).

Successfully processed vouchers are purged from the following tables:

- Voucher Transactions Batch Upload table (F0411Z1).
- Journal Entry Transactions Batch File table (F0911Z1).

Purging removes only batch vouchers from the worktables and does not affect vouchers in the Accounts Payable Ledger (F0411) or General Ledger (F0911) tables.

Mapping Voucher Transactions to Batch Input Tables

To successfully upload voucher information from external sources, a custom program must be used to map the data to the proper fields in the Voucher Transactions Batch Upload table (F0411Z1) and the Journal Entry Transactions Batch File table (F0911Z1). Certain fields are required for the basic voucher upload process. Additional fields for discount, tax, and payment information are available to include more voucher detail in the upload. Other fields are ignored or reserved for users.

Note: Global Customer Support does not support the custom upload program. Only manually adding data to the worktables using Batch Voucher Entry (P0411Z1) can be supported.

Required Fields for Processing without Currency

The following F0411Z1 fields are required for Voucher Batch Upload (P0411Z1) processing without currency enabled. In some fields, blank is a valid value. The prefix for each alias field in the F0411Z1 is VL.

Field Name	Alias	Type	Length	Definition
EDI - User ID	EDUS	Alpha	10	A user-defined identification number. Enter the User ID of the person running the process or the person who is to receive messages in the Employee Work Center. This field, in conjunction with EDTN, EDBT and EDLN, uniquely identifies a specific voucher.
EDI - Transaction Number	EDTN	Alpha	22	This field, in conjunction with the line number (EDLN), identifies each transaction. Each new transaction number indicates a new voucher. More than one transaction with the same number in a batch is not allowed unless the Line Number (EDLN) is different. This field normally contains the source system's document number so the transaction can be readily identified.
EDI - Line Number	EDLN	Number	7	This field is used in conjunction with the transaction number (DTN) to identify each pay item of the voucher. If a transaction only has one pay item, this field does not need to be populated.
EDI - Successfully Processed	EDSP	Alpha	1	Populate this field with 0 to indicate the transaction has not processed or was processed in error. After the transaction is successfully processed, the system changes the value of the field to 1.
EDI - Transaction Action	EDTC	Alpha	1	The value in this field must be A for transactions to be processed. No other values are valid.
EDI - Transaction Type	EDTR	Alpha	1	A code that identifies a particular kind of transaction. The transaction type for vouchers must be V.
EDI - Batch Number	EDBT	Alpha	15	This field, in conjunction with EDTN, EDUS and EDLN, uniquely identifies a transaction within a specific batch. This field also acts as a level break and causes the assignment of a new batch number each time the value changes. Performance can be greatly increased by assigning one batch number for each group of transactions that are being processed at one time.
Address Number	AN8	Number	8	A number that identifies an entry in the Address Book table (F0101). Use this

				number to identify the supplier associated with the voucher transaction.
G/L Date	DGJ	Date	6	<p>Enter the G/L date in the format accepted by the database. Some databases allow a Gregorian date format (mmddy), while others might require a Julian date format.</p> <p>The Julian date format is cyydd (where c = century). Enter 0 (zero) for transactions in the 20th century and 1 for transactions in the 21st century. For example, the date 6/1/99 corresponds to a Julian date 099152. For 6/01/00, the corresponding Julian date is 100153 (since the year 2000 has a leap day, 2/29/00).</p> <p>Alternatively, leave this field blank and populate the fields DGM (mm), DGD (dd), DGY (yy), and DG# (cc) in the month/day/year/century format. Enter the prefix of the year in the Century field (DG#). For example, enter 19 for 1999 and 20 for 2005.</p>
Company	CO	Alpha	5	A code that identifies the company number of the organization to which the voucher belongs. This number must exist in the Company Constants table (F0010) and must identify a reporting entity that has a complete balance sheet.
G/L Offset	GLC	Alpha	4	<p>The value of this field, in conjunction with the company number, determines the A/P trade (offset) account to which the transaction will be posted. The account established in the Automatic Accounting Instruction (AAI) item PCxxxx (where xxxx = value in G/L Offset field) will be used in the post process. The AAI can be established for each company or for Company 00000 (as the default).</p> <p>Populate this field to direct different transactions to different offset accounts.</p>
Gross Amount	AG	Number	15	<p>Enter the transaction amount in the format accepted by the database. Some databases accept a decimal identifier while others do not.</p> <p>Leave this field blank when entering the transaction in a foreign currency (Currency Mode F), and use the Currency Amount field (ACR) instead.</p>

				When processing transactions using Currency Mode 3, complete both the Gross Amount and Currency Amount fields.
G/L Bank Account	GLBA	Number	8	If not populated, this field uses the account defined in the AAI item PB for the company specified. If the AAI item for the company is not found, the AAI for Company 00000 is used. Alternatively, enter the Account ID (GMAID) of the bank account from which the voucher should be paid. The Account ID is located in the Account Master table (F0901).
Business Unit	MCU	Alpha	12	The value entered in this field must exist in the Business Unit Master table (F0006). If not populated, the value of the Security Business Unit field (MCU) in the supplier's address book record is used.

Required Fields for Processing F0911Z1 without Currency

The following (F0911Z1) fields are required for Voucher Batch Upload (P0411Z1) processing without currency enabled. These fields are required if processing voucher records in balance with the General Ledger. In some fields, blank is a valid value. The prefix for each alias field in the F0911Z1 is VN.

Field Name	Alias	Type	Length	Definition
EDI - User ID	EDUS	Alpha	10	The values entered into these fields must exactly match the values entered into the corresponding fields in the F0411Z1 table.
EDI-Transaction Number	EDTN	Alpha	22	
EDI - Successfully Processed	EDSP	Alpha	1	
EDI - Transaction Action	EDTC	Alpha	1	
EDI - Transaction Type	EDTR	Alpha	1	
EDI - Batch Number	EDBT	Alpha	15	

EDI - Line Number	EDLN	Number	7	This field should be incremented for every line of account distribution for the voucher. For example, if one voucher has 10 lines of account distribution, the line number will begin with 1 and increment for each line. As long as the Transaction Number (EDTN) is the same, all lines of the account distribution for the voucher will be processed together.
Document Company	KCO	Alpha	5	PeopleSoft® recommends leaving these fields blank in the F0411Z1 table. If populating them, enter the same values in the corresponding fields in the F0911Z1 table.
Document Type	DCT	Alpha	2	
Document Number	DOC	Number	8	
Batch Number	ICU	Number	8	
Batch Type	ICUT	Alpha	1	
G/L Date	DGJ	Date	6	Enter the same value used in the corresponding field in the F0411Z1 table.
Account Number	ANI	Number	29	Enter the account number in the format BU.OBJ.SUB.
Account Mode	AM	Number	1	Enter a 2 in this field to correspond to the account number entered in the ANI field.
Ledger Type	LT	Alpha	2	Enter AA. This value must be set up in User Defined Code (UDC) table 09/LT (Ledger Types).
Amount	AA	Number	15	Enter the amount that corresponds to the account number entered. Enter the amount in a format accepted by the database. Some databases accept a decimal identifier while others do not.

All other required fields are populated when the record is processed based upon information provided in the F0411Z1 transaction.

For more information on how to populate other, optional, F0911Z1 fields, consult the General Accounting guide.

Additional Fields Required for Discounts

Field Name	Alias	Type	Length	Definition
Discount Available	ADSC	Number	15	Enter the amount of the discount in the format the database accepts. Some databases accept a decimal identifier while others do not. If a discount amount is entered, a Discount Due Date is required. If not populated, the discount amount and discount due date are calculated based on the value of the Payment Term field (PTC). If the Payment Term is also blank and the

				<p>supplier has a payment term established in the Supplier Master table (F0401), this payment term is used to calculate the discount amount and discount due date.</p> <p>The value in this field is not a percent. For example, a value of .05 is read this as a 5 cent discount (assuming a currency of USD).</p>
Payment Terms Code	PTC	Alpha	3	<p>The value of this field is edited against an entry in the Payment Term table (F0014). If the payment term calculates a discount, the Discount Available, Discount Due Date and Net Due Date fields in the F0411 record will be updated accordingly.</p> <p>If this field is blank, and blank is a valid payment term, the Supplier Master payment term will not be used. Blank will be used and values will be calculated accordingly.</p> <p>If the payment term is not populated and blank is not a valid value and the supplier has a payment term established in the Supplier Master table (F0401), the supplier's payment term determines the discount available, discount due date and due date.</p>
Net Due Date	DDJ	Date	6	<p>This field identifies the due date of the voucher, regardless of whether a discount is available. If the Payment Term field is populated, this field will automatically be calculated when the voucher is processed. If the Payment Term is blank and the supplier has a payment term in the Supplier Master (F0401), the F0401 payment term determines the Net Due Date.</p> <p>If no Payment Term is used, enter the Net Due Date in the format the database accepts. See the data item for G/L Date for more information.</p> <p>Alternatively, leave this field blank and populate the fields DDM (mm), DDD (dd), DDY (yy), and DD# (cc) in the month/day/year/century format. Enter the prefix of the year in the Century field (DD#). For example, enter 19 for 1999 and 20 for 2005.</p>
Discount Due Date	DDNJ	Date	6	<p>This field that identifies the date through which a discount may be taken when the payment is issued. This field is populated automatically when vouchers are processed, based upon the definition of the payment</p>

				<p>term entered. If the Payment Term is not populated and the supplier has a payment term in the Supplier Master (F0401), the F0401 payment term determines the Discount Available, Discount Due Date and Net Due Date.</p> <p>If no Payment Term is used, but Discount Available is populated, enter this date in the format the database accepts. See the data item for G/L Date (DGJ) for more information.</p> <p>Alternatively, leave this field blank and populate the fields DDNM (mm), DDND (dd), DDNY (yy), and DDN# (cc) in the month/day/year/century format. Enter the prefix of the year in the Century field (DDN#). For example, enter 19 for 1999 and 20 for 2005.</p>
Batch File Discount Handling Flag	EDDH	Alpha	1	Enter a 1 in this field to process vouchers with discounts.

Discount Fields not Populated

Field Name	Alias	Type	Length	Definition
Discount Taken	ADSA	Number	15	Do not populate this field. The F0411 table is updated when the payment is issued and the discount is taken.

Additional Fields Required for Taxes

When populating the taxable, non-taxable and tax amount fields, the gross amount (AG) field does not need to be populated. The system will calculate the gross amount based on the information entered into the tax amount fields. Conversely, if the gross amount field is populated, do not populate the taxable, non-taxable and tax amount fields.

If the tax information fields are not populated, but default values entered into the Supplier Master (F0401) table or the Business Unit Master (F0006) table, the default values (tax explanation code and/or tax rate area) are used to calculate taxes on vouchers being processed unless the Bypass Tax Defaults processing option is activated.

NOTE: The Business Unit Master only contains the field for Tax Rate Area. In order for this value to default into the record, enter a value in the Tax Explanation Code.

Tax processing also uses the rules established in Tax Rules by Company (P0022) to determine if the tax will be based on the gross amount, the amount less discount, etc. Verify the settings for Tax Rules by Company so taxes are calculated as desired.

To update the Sales, Use, VAT tax file (F0018), activate the Update Tax File processing option in the Post program prior to posting transactions.

Field Name	Alias	Type	Length	Definition
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Taxable Amount	ATXA	Number	15	Populate this field with the taxable amount of the voucher. If the total gross amount of the voucher is not taxable, enter the non-taxable portion of the voucher in the ATXN field. The taxable + non-taxable + tax amounts must equal the gross amount of the voucher. Leave the gross amount field blank to have the system automatically calculate it based on the taxable and non-taxable amounts.
Non-Taxable Amount	ATXN	Number	15	Enter the amount of the voucher that is not taxable. The taxable + non-taxable + tax amounts must equal the gross amount of the voucher.
Tax Amount	STAM	Number	15	This is the amount of tax calculated for the voucher. If left blank, the tax amount will be calculated based on values in the Amount - Taxable (ATXA), Tax Explanation Code (EXR1) and Tax Rate/Area (TXA1) fields.
Tax Rate/Area	TXA1	Alpha	10	The value in this field must exist in the F4008 table. The tax rate/area determines at what percent the tax will be calculated and defines the taxing authority.
Tax Expl Code 1	EXR1	Alpha	1	The value in this field must exist in UDC table 00/EX. All values are hard-coded to perform tax calculations specific to the set up of the Tax Rate/Area and in conjunction with the Tax Rules by Company.
Service/Tax Date	DSVJ	Date	6	This date corresponds to the effective date used in the Tax Rate/Area. Enter this date in the format accepted by the database. See the data item for G/L Date (DGJ) for more information. If not populated, the value from the G/L Date will be used. Alternatively, leave this field blank and populate the fields DSVM (mm), DSVD (dd), DSVY (yy), and DSV# (cc) in the month/day/year/century format. Enter the prefix of the year in the Century field (DSV#). For example, enter 19 for 1999 and 20 for 2005.

Tax Considerations for Updating the F0911Z1

The amount to enter in the corresponding F0911Z1 record will depend on the whether the voucher has a discount, the Tax Explanation Code, the Tax Rate Area and how Tax Rules by Company have been defined. Due to the number of factors that could affect the amount to distribute, consult the Understanding Tax Explanation Code for A/P section of the Accounts Payable documentation for examples and enter test transactions to process.

Processing Vouchers with Currency

Vouchers with currency can be processed in a variety of ways. Before converting transactions with currency, it is vital to understand the relationship between the currency mode and the currency amount fields, and to understand how amounts are calculated using the exchange rate. Depending on the types of transactions entered, different fields are required, and different amounts may be calculated.

Entering Domestic Transactions

When currency is activated in an environment and the currency code of the transaction (as identified by the value in CRCD) is equal to the currency code of the company, the transaction is a domestic transaction.

Enter the transaction amount in the Gross Amount field (AG) and enter D in the Currency Mode field (CRRM). Do not enter an exchange rate.

When entering discount information for a domestic transaction, use the Discount Available (ADSC) field. If the Discount Available is blank and a Payment Term exists on the record (or, if blank, in the Supplier Master), the discount will be calculated based upon the Payment Term. For more information, see Additional Fields for Discounts - F0411Z1.

When entering tax information, utilize the Taxable, Non-Taxable and Tax Amount fields (ATXA, ATXN and STAM, respectively). The system will re-calculate the amounts in these fields based on the Tax Rate Area and Tax Explanation Code entered on the record (or, if blank, entered in the Supplier Master) to verify that the transaction amounts balance. For more information, see Additional Fields Required for Taxes - F0411Z1.

Entering Foreign Transactions

If the currency code of the transaction (identified by the value in CRCD) is different from the currency code of the company, the transaction is a foreign transaction.

Enter the transaction amount in the currency amount field (ACR) and enter F in the Currency Mode field (CRRM). The gross (domestic) amount is calculated based upon the exchange rate (CRR).

When entering discount information, use the Foreign Discount Available field (CDS). For more information, see Additional Fields Required for Discounts - F0411Z1.

When entering tax information, utilize the Amount - Foreign Taxable (CTXA), Amount - Foreign Non-Taxable (CTXN) and Amount - Foreign Tax (CTAM) fields.

Entering the Domestic Side of a Foreign Transaction

If the currency code of the transaction (identified by the value in CRCD) is different from the currency code of the company, but the gross amount field is populated, the transaction is a foreign transaction. Enter F in the Currency Mode field (CRRM). The currency amount will be calculated based on the exchange rate (CRR).

When entering discount information, use the Foreign Discount Available field (CDS). For more information, see Additional Fields Required for Discounts - F0411Z1.

When entering tax information, utilize the Amount - Foreign Taxable (CTXA), Amount - Foreign Non-Taxable (CTXN) and Amount - Foreign Tax (CTAM) fields.

Entering Foreign and Domestic Vouchers Simultaneously using Mode 3

If the domestic and foreign amounts are known, it is possible to bypass system calculations by entering 3 in the Currency Mode field (CRRM). An exchange rate is must be provided for the transaction, but it will not be validated against the amounts entered or against the Currency Exchange Rates table (F0015). Mode 3 also bypasses calculations for discounts and taxes.

If the Currency Mode (CRRM) is 3 and the transaction is eligible for discounts, enter the discount information in the Discount Available (ADSC) and Foreign Discount Available (CDS) fields. Discounts will not be calculated based on the payment term (whether it is entered in the record or retrieved from the Supplier Master record).

If the Currency Mode (CRRM) is 3 and the transaction is taxable, all tax fields must be completed. Tax amounts will not be calculated based on the Tax Rate/Area (TXA1) and Tax Explanation Code (EXR1); the information must be provided.

Additional Fields Required for Currency

Field Name	Alias	Type	Length	Definition
Currency Mode	CRRM	Alpha	1	<p>A code used to designate whether the voucher is domestic or foreign. This field is used in conjunction with the Currency Code (CRCD), Gross Amount (AG), Currency Amount (ACR) and Currency Exchange Rate (CRR) fields to calculate whatever information is required for the transaction.</p> <p>Enter D, F, or 3 depending on other information provided in the transaction.</p> <p>If this field is not populated, the value is determined by the other information provided and is updated accordingly when the voucher is processed.</p>
Currency Code	CRCD	Alpha	3	<p>A code that identifies the currency of the voucher. The value entered in this field must exist in the Currency Codes table (F0013).</p>
Currency Amount	ACR	Number	15	<p>Enter the transaction amount into this field only if the value of the Currency Code (CRCD) is different from the Currency Code assigned to the company, as defined in the Company Constants (F0010) table.</p>
Exchange Rate	CRR	Number	15	<p>This is the exchange rate used to calculate either the domestic or foreign amount of the voucher depending on the information provided.</p> <p>If this field is not populated and the Currency Mode (CRRM) is not 3, the</p>

				<p>exchange rate will be retrieved from the Exchange Rate table (F0015).</p> <p>Enter an exchange rate to override the exchange rate established in the table, or if an exchange rate does not exist. If tolerance checking is activated via a processing option in the Master Business Function (P0400047), the exchange entered will be validated. If tolerance checking is not activated, no validation is performed.</p> <p>Enter an exchange rate into the record if the Currency Mode (CRRM) is 3. When CRRM is 3, the exchange rate is not validated against the Exchange Rate table or the amounts entered on the transaction.</p>
Foreign Discount Available	CDS	Number	15	<p>Enter an amount or leave this field blank to calculate the discount based on the payment terms entered. If the payment term is blank, but one exists in the Supplier Master, the discount will be calculated based upon that payment term.</p> <p>If the Currency Mode (CRRM) is 3 and a discount is available, enter amounts into the Foreign Discount Available (CDS) and Discount Available (ADSC) fields. No calculations are performed based upon a payment term.</p>
Foreign Taxable Amount	CTXA	Number	15	<p>These fields are calculated based upon information provided by the Tax Rate/Area (TXA1), Tax Explanation Code (EXR1) and Currency Amount (ACR) fields. The system calculates the information that is</p>
Foreign Non-Taxable Amount	CTXN	Number	15	

Foreign Tax Amount	CTAM	Number	15	<p>not provided in the record. For example, if the Foreign Taxable Amount is entered, but the Currency Amount is blank, the system will calculate the Currency Amount.</p> <p>Do not populate both the Currency Amount (ACR) and Foreign Taxable Amount (CTXA) fields.</p> <p>These fields should not be completed if the Currency Mode (CRRM) is D. Instead, use the ATXA, ATXN and STAM fields.</p> <p>If the Currency Mode (CRRM) is 3 and the transaction has taxes, all tax fields (both foreign and domestic) must be completed. No calculations are performed when the Currency Mode is 3.</p>
Domestic Entry w/Mult Currency Distr	DMCD	Alpha	1	<p>If the distribution accounts entered into the F0911Z1 are in a company with a different currency than the company entered into the F0411Z1 record, activate the Multicurrency Intercompany Settlement function in the General Accounting Constants (F0009) table and update this field with a value of 1.</p> <p>When not using Multicurrency Intercompany Settlements, leave this field blank.</p>

Currency Fields that should not be Populated

Field Name	Alias	Type	Length	Definition
Foreign Open Amount	ACR	Number	15	The system populates this field when the transaction is processed.
Foreign Discount Taken	DSA	Number	15	The system updates this field when a payment is issued for a voucher containing an amount in the Foreign Discount Available field (CDS).

Currency Considerations for Updating the F0911Z1 Table

- When entering a domestic transaction, enter the amount in the Amount field (AA).
- When entering a foreign transaction, enter the amount in the Currency Amount field (ACR).
- The Currency Code (CRCD), Currency Mode (CRRM) and Exchange Rate (CRR) should contain the same values as the corresponding fields in the F0411Z1.
- Enter AA in the Ledger Type field (LT) or leave it blank. Do not enter CA as a ledger type.

Payment Processing

It is possible to process paid vouchers that meet the following conditions:

- There is only one payment per voucher; and
- The payment pays the entire voucher (no partial payments)

Note: The Voucher Batch Processing can be used to upload Payment Without Voucher Match transactions of Batch Type 'W' and Document Type PM. You could run a test by adding a record via P0411Z1 application set with Processing Option - Manual Checks Creation to '1. This will pop up Payment Information form where you can specify the Payment Number (DOCM). While running R04110ZA to process payments, ensure that you set the Processing Option - Version tab, MBF for Voucher Processing to ZJDE0002.

Payment information is updated to the F0413 and F0414 tables.

Field Name	Alias	Type	Length	Definition
Matching Document - Number	DOCM	Number	8	To process paid vouchers, enter the check number that paid the voucher.

Optional Fields

The following fields may be populated as described by the field definition. However, it is recommended that some fields be left blank to retrieve a value from another system.

Field Name	Alias	Type	Length	Definition
EDI - Detail Lines Processed	EDDL	Number	5	The number of detail lines included in a specific transaction. For user verification only.
Document Number	DOC	Number	8	<p>The number that identifies the transaction in the Accounts Payable Ledger (F0411) table. If not populated, this field uses Next Numbers for System 04 to generate a document number.</p> <p>When populating this field, the value cannot exist in the F0411 table or the transaction will be considered a duplicate and will not be processed. Any value entered into this field must also be entered into the corresponding field in the F0911Z1 table.</p> <p>PeopleSoft recommends not populating this field.</p>

Document Type	DCT	Alpha	2	<p>A code that defines the type of transaction. If not populated, the value is determined by the processing options of the Voucher Entry Master Business Function (P0400047).</p> <p>When entering a value in this field, the value must exist in UDC tables 00/DT and 00/DV. Any value entered into this field must also be entered into the corresponding field in the F0911Z1 table.</p> <p>It is recommended to <i>not</i> populate this field.</p>
Document Company	KCO	Alpha	5	<p>A code that identifies the company of the transaction. This field is only used to differentiate transaction numbers by company. If not populated, the system uses the value entered in the Company field (CO).</p> <p>When populating this field, the value must exist in the Company Constants table (F0010). Any value entered into this field must also be entered into the corresponding field in the F0911Z1 table.</p> <p>It is recommended to <i>not</i> populate this field.</p>
Document Pay Item	SFX	Alpha	3	<p>A code that indicates the pay item number of the voucher. If not populated, the pay items are assigned beginning with 001. Any transactions that have multiple pay items should be designated by using the Line Number field (EDLN). If the combination of the transaction number (EDTN) and Line Number (EDLN) are duplicated, the second and subsequent transactions are ignored (regardless of whether the pay item field is used).</p>
Pay Item Extension Number	SFXE	Number	2	<p>Do not populate this field. It is updated by other systems that process records into the F0411 table.</p>
Adjusting Document Type	DCTA	Alpha	2	<p>Do not populate this field. This field is updated when processed vouchers are changed or voided.</p>
Payee Address Number	PYE	Number	8	<p>This indicates to whom the payment will be addressed. This only needs to be completed if the payment is to be processed to someone other than the supplier. The value entered into this field</p>

				must exist in the Address Book Master (F0101) table.
Approver Address Number	SNT0	Number	8	This is the address book number of the person responsible for approving the voucher before it is paid. This is used in conjunction with Payee Approval, which must be set up for the value of this field to have meaning.
Invoice Date	DIVJ	Date	6	Enter the invoice date in the format the database accepts. If not populated, the system uses the G/L date. See the data item for G/L Date (DGJ) for examples. Alternatively, leave this field blank and populate the fields DIVM (mm), LDIVD (dd), DIVY (yy), and DIV# (cc) in the month/day/year/century format. Enter the prefix of the year in the Century field (DIV#). For example, enter 19 for 1999 and 20 for 2005.
Fiscal Year	FY	Number	2	It is recommended to <i>not</i> populate this field. The system will populate them based on the G/L date and company.
Century	CTRY	Number	2	
Period Number	PN	Number	2	
Batch Number	ICU	Number	8	A number used to group together vouchers that are processed simultaneously. If not populated, Next Numbers for System 00 generates a batch number. It is recommended to <i>not</i> populate this field.
Batch Type	ICUT	Alpha	2	A code that designates the type of transaction being processed (invoice, voucher, etc.). If populated, enter V (for Voucher). If not populated, the system will populate the field with V when processing the vouchers.
Batch Date	DICJ	Date	6	If this field is not populated, the date that the batch process program is executed is used. When populating this field, enter the date in a format that the database accepts. See the field definition for G/L Date (DGJ) for more information. Alternatively, leave this field blank and populate the fields DICM (mm), DICD (dd), DICY (yy), and DIC# (cc) in the month/day/year/century format. Enter the prefix of the year in the Century field

				(DIC#). For example, enter 19 for 1999 and 20 for 2005.
Balanced - Journal Entries	BALJ	Alpha	1	<p>It is recommended to <i>not</i> populate this field.</p> <p>This field is used to indicate whether the amounts of the journal entries associated with the transaction are in balance with the gross amount of the voucher.</p>
Pay Status Code	PST	Alpha	1	<p>This field indicates whether the voucher is open, paid, or on hold. The value of this field must exist in UDC table 00/PS (Pay Status).</p> <p>If not populated, the system will populate it according to the value entered into the processing option in the Voucher Master Business Function (P0400047). If there is no value in the processing option, the default value of the Data Dictionary item PST will be used.</p>
Amount Open	AAP	Number	15	<p>It is recommended to <i>not</i> populate this field. The system automatically updates the open amount with the value entered into the gross amount field. Processing vouchers that are partially paid is not supported by this application. Entering a value into this field will result in an error, and the transaction will not process.</p>
G/L Posted Code	POST	Alpha	1	<p>Do not populate this field. Run the post program (R09801) to update this field.</p> <p>If historical data was previously processed as a journal entry, creating an associated F0911Z1 transaction and using the A/P trade account as the G/L distribution account is recommended. Then, when the transaction is posted, there will be no affect on accounting.</p> <p>When choosing to process posted voucher transactions out of balance (without corresponding F0911Z1 information), update this field to D. Creating transactions that are out of balance compromises the ability to void these transactions in the future and will create</p>

				discrepancies on the A/P Batch Integrity reports.
Object Account	OBJ	Alpha	6	Any value entered in these fields is ignored. The system does not validate it.
Subsidiary	SUB	Alpha	8	
Subledger Type	SBLT	Alpha	1	
Subledger	SBL	Alpha	8	
Void Flag	VOD	Alpha	1	Do not populate this field. It is updated when a voucher is voided.
Document Company (Original Order)	OKCO	Alpha	5	Any value entered in these fields is ignored. The system does not validate it.
Document Type - Original	ODCT	Alpha	2	
Document - Original	ODOC	Number	8	
Document Pay Item - Original	OSFX	Alpha	3	
Payment Handling Code	CRC	Alpha	3	This field is used to segregate vouchers for payment processing or to provide additional information. The value entered must exist in UDC table 00/HC (Special Handling Code).
Supplier Invoice Number	VINV	Alpha	25	Enter the invoice number in this field. Any value entered in this field ignored. The system does not validate it.
Document Company (Purchase Order)	PKCO	Number	5	Any value entered in these fields is ignored. The system does not validate it.
Purchase Order	PO	Number	8	
Document Type - Purchase Order	PDCT	Alpha	2	
Line Number	LNID	Number	6	
Order Suffix	SFXO	Alpha	3	
Reference	VR01	Alpha	25	
Unit	UNIT	Alpha	8	
Business Unit 2	MCU2	Alpha	12	
Name - Remark	RMK	Alpha	30	

Frequency - Recurring	RF	Alpha	2	These fields should only be completed if the voucher is a recurring voucher that is going to be "recycled." Documents generated with recurring information have the Document Type PR. The value entered into the Recur Frequency field must exist in the UDC table H00/RF (Recurring Frequency).
Recurring Frequency # of Payments	DRF	Number	3	
Units	U	Number	15	Any value entered in this field is ignored. The system does not validate it.
Unit of Measure	UM	Alpha	2	The value of this field describes the type of units entered. The value entered must exist in UDC table 00/UM (Unit of Measure).
Payment Instrument	RYIN	Alpha	1	The value of this field must exist in UDC table 00/PY (Payment Instrument). If not populated, the system will populate it with the value entered in the Supplier Master table (F0401) when the voucher is processed.
Category Code - Address Book 7	AC07	Alpha	3	This field is used for the A/P Method of processing 1099s. The value entered corresponds with different boxes on the respective 1099 form. The value in this field must exist in UDC table 01/07.
Flag for 1099	TNN	Alpha	1	Enter a 1 in this field identify the voucher for 1099 processing. The field is not required for 1099 processing and may be left blank.
Item Number - Short	ITM	Number	8	This is the inventory item number. Any value entered in this field is ignored. The system does not validate it.
Transaction Originator	TORG	Alpha	10	If a value is entered in these fields, it will be overwritten when the entry is processed. It is recommended to <i>not</i> populate this field.
User ID	USER	Alpha	10	
Program ID	PID	Alpha	10	
Date Updated	UPMJ	Date	6	
Time Last Updated	UPMT	Number	6	
Work Station ID	JOBN	Alpha	10	

Ignored Fields

The fields in the following table are ignored by Batch Voucher Processing.

Field Name	Alias	Type	Length	Definition
Type Record	EDTY	Alpha	1	The system ignores these fields.
Record Sequence	EDSQ	Number	2	
EDI - Document Type	EDCT	Alpha	2	
EDI - Transaction Set Format	EDTS	Alpha	6	
EDI - Translation Format	EDFT	Alpha	10	
EDI - Transmission Date	EDDT	Date	6	
EDI - Send/Receive Indicator	EDER	Alpha	1	
Batch File Create G/L Record	EDGL	Alpha	1	
User Address Number	EDAN	Number	8	
Account ID	AID2	Alpha	8	
Bank Transit Short ID	BAID	Number	8	
Sequence Number - Operations	OPSQ	Number	5	
Control/Statement Field	CTL	Alpha	13	
Closed Item - As Of Processing	FNLP	Alpha	1	
Tax Rate/Area 3 - Withholding	TXA3	Alpha	10	
Tax Expl Code 3 - Withholding	EXR3	Alpha	2	
A/R - A/P Miscellaneous Code 1	RP1	Alpha	1	

A/R - A/P Miscellaneous Code 2	RP2	Alpha	1
A/R - A/P Cash Rcpts/Inv Reg Code	RP3	Alpha	1
Historical Currency Conversion Rate	HCRR	Number	15
Historical Date - Julian	HDGJ	Date	6
Historical Date - MO	HDGM	Number	2
Historical Date - DA	HDGD	Number	2
Historical Date - YR	HDGY	Number	2
Historical Date - CTRY	HDG#	Number	2

User-reserved Fields

The following fields have been reserved for users. These fields will not be updated by any Oracle JD Edwards EnterpriseOne program. These fields are not displayed on any form in the A/P System.

Field	Alias	Type	Length	Definition
User Reserved Code	URC1	Alpha	3	Enter any alphanumeric value up to three characters in length.
User Reserved Date	URDT	Date	6	Enter any date in this field. Use a format the database accepts. See the data item for G/L Date (DGJ) for examples.
User Reserved Amount	URAT	Number	15	Enter any amount in this field. Use a format the database accepts.
User Reserved Number	URAB	Number	8	Enter any number up to 8 digits in length.
User Reserved Reference	URRF	Alpha	15	Enter any alphanumeric value up to 15 characters in length.

Required Fields for Enterprise-wide Profitability Solution (F0911Z1T) for System 16

When using the Enterprise-wide Profitability Solution system, additional fields in the F0911Z1T table must be populated. These additional values are processed into the corresponding Account Ledger Tag File table (F0911T). If this system is not used, it is not necessary to complete any fields in the F0911Z1T table.

Field Name	Alias	Type	Length	Definition
EDI - User ID	EDUS	Alpha	10	The values in these fields must match the values entered in the corresponding fields in the F0411Z1 and F0911Z1 tables.
EDI - Transaction Number	EDTN	Alpha	22	
EDI - Batch Number	EDBT	Alpha	15	
EDI - Line Number	EDLN	Number	7	
Cost Object Type 1 - 4	ABT1 ABT2 ABT3 ABT4	Alpha	1	Enter up to four cost object types. These fields are used to edit the values entered in the corresponding Cost Object fields (ABR1 - ABR4). If a value is entered into one of the Cost Object Type fields, a value must be entered in the corresponding Cost Object field. The values in the Cost Object Type fields must exist in the Cost Object Types table (F1620).
Cost Object 1 - 4	ABR1 ABR2 ABR3 ABR4	Alpha	12	Enter up to four cost objects. The value in each Cost Object field must adhere to the edit rules for the corresponding Cost Object Type (ABT1 - ABT4).
Posting Code 1 - 10	PM01 - PM10	Alpha	1	Do not populated these fields.
Item Number	ITM	Number	8	If a value is entered in this field, it is validated against the Item Master table (F4101).

Mapping for Tax Capture by Pay Item and Account Functionality

To accommodate tax capture functionality, the following changes were made to field mappings in 9.0 Update 1:

1. Journal Entry Transactions - Batch File table (F0911Z1). If the tax constant is enabled for the invoice company, Pay Item (SFX) is a required field.
2. Voucher Transactions - Batch Upload table (F0411Z1). If the tax constant is enabled for the voucher company, Pay Item (SFX) and Pay Item Extension Number (SFXE - Zero value) are required fields.

For additional information on the Tax Capture by Pay Item and Account Functionality, please see Document 1413283.1 E1: FIN: How To Understand Tax Set Up Within Accounts Payable and Accounts Receivable Within EnterpriseOne (P0022, P4008, P0004A, R0018P, P73GE0).

Troubleshooting

Oracle JD Edwards EnterpriseOne Support suggests before you log a Service Request to manually test entering in a Batch Voucher and try to process it through using your Test environment. This will exclude the custom upload program to see if you can duplicate the issue using pristine objects and versions.

1. Go to menu G04311
2. Select Batch Voucher Revisions (P0411Z1/ZJDE0001)
3. Enter in a test voucher through this screen and click OK
4. On same menu, select Batch Voucher Processor (R04110ZA/ZJDE0001) and try to process this test voucher batch you created above.
5. If successful, you can use the F0411Z1 and F0911Z1 tables as a mapping guide for your custom upload program since Oracle Software Support does not assist with troubleshooting this set up.

To discuss this information further with Oracle experts and industry peers, we encourage you to review, join or start a discussion in the JD Edwards EnterpriseOne Financials Community. For full details refer to knowledge [Document 971408.1](#)

To look at upcoming or archived Advisor Webcasts, please see Advisor Webcast Details [Document 548764.1](#) If your topic is not currently scheduled, please suggest it.

REFERENCES

[NOTE:1321249.1](#) - E1: 04: FAQ - Frequently Asked Questions Regarding Batch Voucher Upload (R04110ZA, P0411Z1, R04110Z)

[NOTE:1411534.1](#) - E1: FIN: Understanding The Post Process Within JD Edwards EnterpriseOne Accounts Payable and Accounts Receivable (R09801, P00241)

[NOTE:548764.1](#) - Advisor Webcast Details

[NOTE:971408.1](#) - E1: 04: How To Use Financials - JDE1 Community Within My Oracle Support

Related

Products

- JD Edwards EnterpriseOne > Financial Management > Accounts Payable > JD Edwards EnterpriseOne Accounts Payable > Voucher
- JD Edwards EnterpriseOne > Financial Management > Accounts Payable > JD Edwards EnterpriseOne Accounts Payable > Setup

Keywords

BATCH PROCESS; BATCH UPLOAD; E1APZ1; F0411Z1; F0911Z1; P0411Z1; R04110ZA; R0411Z1P; UPLOAD; VOUCHER BATCH PROCESS; 3RD PARTY INTERFACE

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