
eInvoice Archive Status Update Service

The eInvoice Archive Status Update service updates the operational status of an invoice to either Failed or Info if the invoice is stored in the archive. It also adds a description explaining why the status was updated.

The following table provides an overview of the eInvoice Archive Status Update service:

System Name	eInvoiceArchiveStatusUpdateService
Graphical Process Modeler (GPM) categories)	All Services and eInvoicing
Description	The eInvoice Archive Status Update service updates the operational status of an invoice to either Failed or Info if the invoice is stored in the archive. It also adds a description explaining why the status was updated. The audit entry for the invoice retains the last status value after running this service.
Business usage	This service enables the user to update the status of an invoice stored in the e-Invoicing archive, during normal processing, after it has already been signed or verified by TrustWeaver™. This services also updates the status of an invoice when errors occur during normal processing. If the invoice is already in Failed state, you can add an Info status to it.
Usage example	You can use this service to add comments to an archived invoice after it has already been processed through TrustWeaver.
Preconfigured?	eInvoiceArchiveStatusUpdateService
Requires third party files?	No
Platform availability	All supported application platforms.
Related services	No
Application requirements	You must execute the invoice archive install script before using this service. This script creates the necessary configuration to connect to the archive database and check in the fact models that are required by the Mapped Extraction service. During the install script execution, you must provide all information about the database that will be used as the invoice archive database.
Initiates business processes?	No
Invocation	This service is invoked to run during normal processing after the invoices have already been added to the archive, if you want to add comments to invoices which have already been archived.
Business process context considerations	None
Returned status values	Success = The service successfully updated the archive status of an invoice. Error = More than one invoice was returned, no invoice were returned, or an invoice was found but an issue occurred while creating the audit record. Failure = Returned if Info status is used in an attempt to update a failed invoice.

Restrictions	None
Persistence level	Does not set the persistence level, therefore the persistence level defaults to the workflow.
Testing considerations	Create a business process to call the service and fill in all the parameters. The Invoice ID used must be an Invoice ID found in the invoice archive. Error (log) information for this service is located at: Operations > System > Logs > eInvoicing

How the eInvoice Archive Status Update Service Works

The eInvoice Archive Status Update service updates the operational status of an invoice to **User defined custom value** if the invoice is stored in the archive. It also adds a description explaining why the status was updated.

This service enables the user to update the status of an invoice stored in the e-Invoicing archive during normal processing, after it has already been signed or verified by TrustWeaver.

Implementing the eInvoice Archive Status Update Service

To implement the eInvoice Archive Status Update service, complete the following task:

Execute the invoice archive install script before using this service. This script creates the necessary configuration to connect to the archive database and check in the fact models that are required by the Mapped Extraction service. During the install script execution, you must provide all information about the database that will be used as the e-Invoice archive database.

Configuring the eInvoice Archive Status Update Service

1. Select **Deployment > Services > Configuration**.
2. Search for eInvoice Archive Status Update service or select it from the list and click **Go!**.
3. Click **Edit**.
4. Specify field settings in the GPM (see the description of parameters in the section *Setting Up the Service in the GPM* on page 3).
5. Specify field settings in the business process (see the description of parameters in the section *Parameters Passed From Business Process to Service* on page 3).
6. On the Confirm page, verify that the **Enable Service for Business Processes** check box is selected.

Setting Up the Service in the GPM

Use the field definitions in the following table to set up the service configuration in the GPM, if necessary:

Parameter	Description
BuyerVatID	The buyer's transaction tax code. Optional.
Description	Explains why the status was updated. Optional.
InvoiceDateFrom	The starting date of the date range for the invoice. Optional. Note: Date must be in the format MM/DD/YYYY.
InvoiceDateTo	The ending date of the date range for the invoice. Optional. Note: Date must be in the format MM/DD/YYYY.
InvoiceLabel	The invoice label. Optional.
InvoiceNumber	The number of the invoice. Optional.
SupplierVatID	The supplier's transaction tax code. Optional.

Parameters Passed From Business Process to Service

The following table contains the parameters passed from the business process to the eInvoice Archive Status Update service:

Parameter	Description
InvoiceLabel	The invoice label. Optional.
InvoiceNumber	The number of the invoice. Optional.
InvoiceDate(From)	The starting date of the date range for the invoice. Optional. Note: Date must be in the format MM/DD/YYYY.
InvoiceDate(To)	The ending date of the date range for the invoice. Optional. Note: Date must be in the format MM/DD/YYYY.
SupplierVatID	The supplier's transaction tax code. Optional.
BuyerVatID	The buyer's transaction tax code. Optional.
StatusType	Indicates the general reason why the status was updated. If there was an error you mark it as FAILED. If it was updated simply because they are adding comments to the invoice, the status is INFO. Optional. Valid values are: <ul style="list-style-type: none">◆ 52 - FAILED◆ 53 - INFO
ArchiveRole	Specifies which participant created the invoice. Optional.
Description	Explains why the status was updated. Optional.

Business Process Example

The following is an example of how the eInvoice Archive Status Update service is called:

```
<process name="TestEInvoiceArchiveStatusUpdate">
  <sequence>
    <operation name="eInvoiceArchiveStatusUpdate">
      <participant name="eInvoiceArchiveStatusUpdate"/>
      <output message="Xout">
        <assign to="." from="*"></assign>
        <assign to="InvoiceNumber">IN999933072</assign>
        <assign to="ArchiveRole">1</assign>
        <assign to="StatusType">52</assign>
        <assign to="Description">Item 12 has the wrong amount.</assign>
      </output>
      <input message="Xin">
        <assign to="." from="*"></assign>
      </input>
    </operation>
  </sequence>
</process>
```

Enabling eInvoice Archive Status Update Document Tracking

When you are creating or editing your eInvoice Archive Status Update business process in the business process text editor, you can easily enable eInvoice Archive Status Update document tracking in the application by selecting the **Document Tracking** check box on the Process Levels page. Set the following options as needed and leave the rest of the business process parameters as the defaults:

- ◆ On the **Deadline Settings** page, set the deadline and notification options, if necessary.
- ◆ On the **Life Span** page, set the life span, if necessary.