Payment Gateway

SYSPRO 8

Reference Guide

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SYSPRO™

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Payment Gateway

Exploring

Where it fits in?

We have integrated a **Payment Gateway** to cater for the growing global demand for self-service and automated payment processes. This facilitates real-time digital payment processing, that not only ensures a seamless and convenient payment experience for end-customers but also empowers SYSPRO customers with heightened operational efficiencies, expedited collection cycles, and mitigated credit risks.

Benefits

- Enhanced customer experience

  Provides a seamless and user-friendly payment process that improves satisfaction and encourages timely payments from end-customers.

- Operational efficiency and cost savings

  Reduces manual processing time and administrative overhead, leading to increased efficiency and lower operational costs.

- Accelerated cash flow and reduced credit risk

  Offers flexible payment options that facilitate quicker settlements, shortening the collection cycle and minimizing exposure to credit risk.

Functionality

Standard Payment Process:

- Enables end-customers to settle outstanding invoices via a digital payment platform.
- SYSPRO Sales Orders and Accounts Receivable processes are adapted to trigger payment requests against sales invoices in the Payment Gateway.
- Instantaneous registration of payment requests through seamless integration between SYSPRO and the **Payment Gateway**.
- Payments can be executed immediately by the SYSPRO operator or later by the end-customer.
- Upon successful payment, the corresponding invoice balance in SYSPRO is automatically updated.

Reserve Payment Process:

- Allows reservation of funds on an end-customer's credit card against an open sales order or invoice.
- SYSPRO Sales Orders processes are adapted to trigger reservation requests in the **Payment Gateway**.
- Reservation requests are registered instantly through seamless integration between SYSPRO and the **Payment Gateway**.
- Reservations can be executed immediately by the SYSPRO operator or later by the end-customer, securing funds on the credit card.

Navigation

The programs related to this feature are accessed from the **Program List** of the SYSPRO menu:

- *Program List > Accounts Receivable*
- *Program List > Sales Orders*

Terminology

ISO currency

An ISO currency is defined and standardized by the **International Organization for Standardization (ISO**) under the **ISO 4217** standard. This standard assigns three-letter codes to currencies used around the world to ensure consistency and avoid confusion in international transactions.

The first two letters usually represent the country code (based on **ISO 3166**) and the third letter typically represents the currency name.

> **FOR EXAMPLE:**
>
> USD = United States Dollar
>
> ZAR = South African Rand

Payment currency

In ***Accounts Payable***, the payment currency is the currency used to pay the supplier.

In ***Accounts Receivable***, the payment currency is the currency the customer uses to pay the company.

This currency may differ from the customer/supplier currency and company currency, in which case it is converted using the currency exchange rate as at the date and time of the transaction.

Payment gateway

A payment gateway is a secure technology platform that facilitates the transfer of payment information between a customer, a merchant, and the financial institutions involved in a transaction. It acts as a digital bridge, authorizing and processing payments made through various channels (credit cards, debit cards, or digital wallets) by encrypting sensitive data and ensuring compliance with security standards.

In essence, it enables businesses to accept electronic payments safely and efficiently, whether online, in-store, or through integrated enterprise systems.

Payment request

A **Payment Gateway** payment request is a tool that allows you to request a payment from an individual or a company. You can link it to one or more transactions, or even associate it with an account, like when you need to collect a deposit. The flexibility allows you to create multiple payment requests related to the same set of transactions.

A payment request consists of the following:

- Default name, address and email of the customer
- Details on one or more transactions that need to be paid
- An optional amount to pay against each transaction

Each payment request is represented by a unique URL that can be emailed to your customer.

> **FOR EXAMPLE:**
>
> https://payments.paythem.co/pr/qCPkbmGecGZ0H2L0UUF9_JscaPz4CeMb_Edhn3sGOYLj1rsSFl5nz-5-p3z15C34

Payment request allocation

When a **Payment Gateway** payment is received for a payment request, that payment is matched up with the associated transaction. This ensures that the payment is allocated correctly. In case a customer tries to make another payment for the same transaction through a different payment request, our system is intelligent enough to handle it seamlessly. It will only permit payments for any remaining amounts that are due, preventing double payments for the same transaction.

Starting

Prerequisites

To use this feature, these components must be installed using the **SYSPRO Installer Application**:

1. SYSPRO 8 Connector Gateway API Service
2. SYSPRO Application Gateway Service

> - When installing the SYSPRO Application Gateway Service you are prompted to supply a valid gateway endpoint and authentication key before you can continue installing ***SYSPRO 8 2025***.
> - The Payment Gateway and the services required to run it can be located on different machines.

To use this feature, the following setup option(s) must be enabled/defined:

Setup Options > *System Setup* > *Connector Gateway*

- Administration configuration
  - Connector Gateway service

    Select **Test connection** to verify that the connection to the **SYSPRO 8 Connector Gateway API Service** is successful.

    > If errors are reported on first-time install, restart, or after an endpoint change, please give it a minute before attempting further troubleshooting.

- Payment Gateway configuration
  - Enabled
  - Payment Gateway

    > - This must be defined as **PayThem**, which is the only payment gateway available currently.
    > - Select **Run setup** to launch the **Payment Gateway Setup**[1] program that lets you configure the selected **Payment Gateway**.

[1]Program: IMPPGD

Licensing

To use this feature, the following must be installed according to the terms of your software license agreement:

- PayThem Payment Gateway

Security

You can secure this feature by implementing a range of controls against the affected programs. Although not all these controls are applicable to each feature, they include the following:

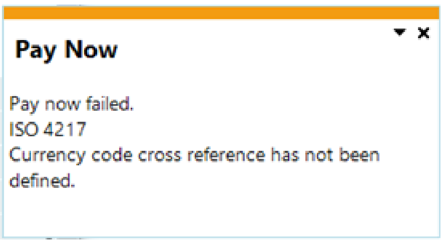
- You restrict operator access to *activities* within a program using the **Operator Maintenance** program.
- You can restrict operator access to the *fields* within a program (configured using the **Operator Maintenance** program).
- You can restrict operator access to *functions* within a program using passwords (configured using the **Password Definition** program). When defined, the password must be entered before you can access the function.
- You can restrict access to the eSignature *transactions* within a program at operator, group, role or company level (configured using the **Electronic Signature Configuration Setup** program). Electronic Signatures provide security access, transaction logging and event triggering that gives you greater control over your system changes.
- You can restrict operator access to *programs* by assigning them to groups and applying access control against the group (configured using the **Operator Groups** program).
- You can restrict operator access to *programs* by assigning them to roles and applying access control against the role (configured using the **Role Management** program).

Solving

System messages

Warning messages

Pay Now



Cause

This notification is displayed in the **Sales Order Entry** or **Dispatch Note Maintenance** program when printing the invoice or dispatch note and the cross-reference between the ISO currency and the currency created within SYSPRO has not been established.

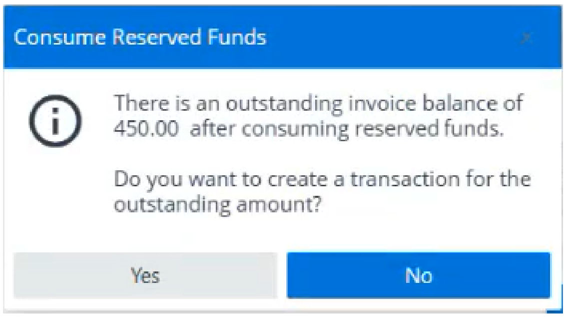
Solution

Assign an ISO currency to the payment currency created within SYSPRO using the **ISO Currency Cross Reference**[1] program.

[1]Program: IMPISC

Informational messages

Consume Reserve Funds



Cause

This notification is displayed in the **Sales Order Entry** program after printing the invoice for which funds were reserved and the full quantity wasn't shipped or invoiced, i.e. the order quantity was reduced.

Solution

Select **Yes** to re-reserve the remaining funds for the outstanding quantity.

Select **No** to release the remaining funds. You will then be prompted to reserve the funds when maintaining the sales order to ship the outstanding quantity.

FAQs

Where can I view the PayThem notification attempts?

1. Access the PayThem portal.
2. Navigate to **Web Hooks**.
3. Select the endpoint.

   A **Message Attempts** listview is displayed with logs of successful and unsuccessful notification attempts made to the SYSPRO **Payment Gateway**.
4. You can filter on logs or list them according to status by selecting the **All**, **Succeeded** and **Failed** options.
5. Select and expand a failed attempt to view the **HTTP response code** which will give you an indication why the notification attempt failed.

Why am I receiving errors about my PayThem tenant when processing digital payments?

This may be due to an incorrect or incomplete setup of the **Payment Gateway**.

1. Access the **Payment Gateway Setup**[1] program by selecting the **RUN SETUP** option within the **Setup Options** program (*Setup Options > System Setup > Connector Gateway*).

   This compares the SYSPRO Payment Gateway setup options with the **PayThem** portal information.
2. Follow these setups to ensure that the **Payment Gateway** delivers the expected results:
   a. Enter the API key that you generated in the **PayThem** portal at the **API key** field.

      You can view the key by selecting **API Keys** in the portal's navigation panel but, once generated, it can't be viewed in full again.

   b. Enter your company ID in the **PayThem** portal at the **Subscription ID** field.

      You can obtain the company ID by selecting the **User** icon in the **PayThem** portal > **Settings** > Company ID.

   c. Enter the SYSPRO company IDs in the **PayThem dataset ID** column in the listview.

      You can obtain the company IDs by selecting **Companies** in the navigation panel of the **PayThem** portal and copying the number in the **ID** column for one of your companies.

   d. Select **Generate Webhook**.

[1]Program: IMPPGD

- You only have to generate a webhook for one company, as only one corresponding webhook is required by the portal.
- A message is displayed that states that the SYSPRO webhook for PayThem was successfully created.

e. Enter the signing secret at the **Webhook secret** field.

You can obtain the signing secret by selecting **Web Hooks** in the navigation panel of the **PayThem** portal, clicking on the company and then selecting the **Show/Hide eye** icon at the **Signing Secret** field to reveal and copy the code.

If you refresh the secret in the portal by selecting **Rotate secret** from the drop-down arrow next to the **Signing Secret** field, then you must copy the new signing secret to the **Payment Gateway Setup**[1] program to ensure that you continue receiving payment notifications.

f. Save your changes.

Why have payment notification attempts failed?

This may be due to a number of reasons.

- The **Signing secret** may need to be updated if it was refreshed in the **PayThem** portal.

  If you refresh the secret in the portal by selecting **Rotate secret** from the drop-down arrow next to the **Signing Secret** field, then you must copy the new signing secret to the **Payment Gateway Setup**[2] program to ensure that you continue receiving payment notifications.

- You can view the PayThem notification attempts and expand a failed attempt to view the **HTTP response code** which will give you an indication why the notification attempt failed.

  If a `401 (Unauthorized)` error is displayed against the notification attempt, the **Signing secret** may need to be updated.

If you refresh the secret in the portal by selecting **Rotate secret** from the drop-down arrow next to the **Signing Secret** field, then you must copy the new signing secret to the **Payment Gateway Setup**[3] program to ensure that you continue receiving payment notifications.

[1] Program: IMPPGD
[2] Program: IMPPGD
[3] Program: IMPPGD

Using

Process

Installation and Configuration Process

1. Install the following using the **SYSPRO Installer**:
   - Payment Gateway
   - SYSPRO Application Gateway Service
   - SYSPRO 8 Connector Gateway API Service
   - SYSPRO 8 e.net Communications Load Balancer
2. Access the **PayThem** portal using the link received via Email after the license has been issued. Configure the following by using the icons in the navigation panel:
   a. Select **Company Settings** to add the company details.
   b. Select **API Keys** in the navigation panel and generate an API key.

      Copy the generated API key and save it so you can easily access this again.

      > Store the API key securely, as it can only be generated once and is required during the Payment Gateway setup process.

> You can view the key by selecting **API Keys** in the portal's navigation panel but, once generated, it can't be viewed in full again.

   c. Select **Companies** in the navigation panel to add all the companies that will use the Payment Gateway.

3. Configure the **SYSPRO 8 Connector Gateway API Service** and the **Payment Gateway** using the **Setup Options** program (*Setup Options* > *System Setup* > *Connector Gateway*):

   a. The endpoint of the port you configured during the install will be automatically populated and displayed at the **CONNECTOR GATEWAY SERVICE** setup option.

   b. Once your changes are saved, select the **TEST CONNECTION** hyperlink to test the connection.

   c. At the **PAYMENT GATEWAY CONFIGURATION** section, tick the **ENABLED** field.

   d. Select **RUN SETUP** to compare the SYSPRO Payment Gateway setup with the **PayThem** portal information.

   > The SYSPRO Application Gateway Service and SYSPRO 8 Connector Gateway API Service must be running as the verification depends on these services.

   The **Payment Gateway Setup**[1] program is displayed.

   a. Enter the API key that you generated in the **PayThem** portal at the **API key** field.

      > You can view the key by selecting **API Keys** in the portal's navigation panel but, once generated, it can't be viewed in full again.

   b. Enter your company ID in the **PayThem** portal at the **Subscription ID** field.

      You can obtain the company ID by selecting the **User** icon in the **PayThem** portal > **Settings** > Company ID.

   c. Enter the SYSPRO company IDs in the **PayThem dataset ID** column in the listview.

      You can obtain the company IDs by selecting **Companies** in the navigation panel of the **PayThem** portal and copying the number in the **ID** column for one of your companies.

   d. Select **Generate Webhook**.

[1] Program: IMPPGD

> - You only have to generate a webhook for one company, as only one corresponding webhook is required by the portal.
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e. Enter the signing secret at the **Webhook secret** field.

You can obtain the signing secret by selecting **Web Hooks** in the navigation panel of the **PayThem** portal, clicking on the company and then selecting the **Show/Hide eye** icon at the **Signing Secret** field to reveal and copy the code.

> If you refresh the secret in the portal by selecting **Rotate secret** from the drop-down arrow next to the **Signing Secret** field, then you must copy the new signing secret to the **Payment Gateway Setup**[1] program to ensure that you continue receiving payment notifications.

f. Save your changes.

4. Setup the invoice terms for digital payments using the **AR Invoice Terms** program.

[1]Program: IMPPGD

Using the PayThem Portal

This section provides a comprehensive guide to configuring and customizing your **PayThem** portal, covering all available settings to help you tailor the platform to your business needs.

Payments

Payment editing

When requesting payment from a customer, you may want to offer them flexibility in paying less than the full outstanding amount. You can achieve this in two ways:

- When creating a payment request, you can set a fixed amount that the customer is required to pay, which may be different from the full transaction amount.

  > This amount cannot be changed by the customer once set.

- Alternatively, you can enable payment editing in PayThem. This allows the customer to choose how much they want to pay, giving them the flexibility to pay any amount they wish.

  > An editable box appears around the amount, allowing the customer to change the amount to pay.
  >
  > You can require a payer to pay a minimum amount by setting an optional minimum value for each transaction. Additionally, you can set a maximum amount if desired.

Enabling Payment Editing

You can enable payment editing in several ways:

- Globally, by setting the **Allow payers to edit payment amounts** setup option in **Preferences** to **Allow** (**PayThem** *portal dashboard > Preferences*).
- On a per-account basis, by defining the **Allow payer to edit payment amount** setup option to **Allow** in Account settings (**PayThem** *portal dashboard > Account > Settings*). This will override the global setting.
- On a per-payment request basis, by enabling payment editing directly through the API when creating the payment request or by editing the payment request in the admin portal. You can also set other options for the payment request, such as minimum and maximum amounts.

Admin Portal
Basics
Working with lists

The **PayThem** portal uses a common list control to display lists of items. This page provides information on how to use the list controls.

Navigation

- You can navigate through the list using the page controls at the bottom.
  - You can scroll through the list by clicking the arrows (> and <)or jump to a specific page by entering the page number.

    Clicking the << arrows takes you to the first page, and clicking >> takes you to the last page.
  - You can change how many items are displayed on each page by selecting a value from the **Results per page** drop-down.

Sorting and filtering

- To sort a column in ascending order, click on the column name. If the column is already sorted by that column, clicking again will sort it in descending order. The current sort column is indicated by a small up/down arrows icon.
- If filters are enabled on a list, a small filter box will appear underneath the column name. Enter the value you want to filter by and use the drop-down arrow to select how that filter should be applied.

  The following are currently available. Note these options depend on the type of data you are filtering.

String Types	Description
Contains	The value in the filter can be found anywhere within the column field.
Does not contain	The value in the filter must not be found anywhere within the column field
Equals	The column field must match exactly with the value in the filter
Does not equal	The column field must not be the value in the filter
Starts with	The column field must begin with the value in the filter
Ends with	The column field must end with the value in the filter
Empty	Not currently supported

String Types	Description
Not empty	Not currently supported

Numeric Types	Description
Greater than	The column field must be greater than the value in the filter
Greater than or equal	The column field must be greater than or equal to the value in the filter
Less than	The column field must be less than the value in the filter
Less than or equal	The column field must be less than or equal to the value in the filter
Equals	The column field must match exactly with the value in the filter
Does not equal	The column field must not be the value in the filter
In range	Not currently supported
Not in range	Not currently supported

Column filters, sort orders, and page selections are persisted, which means the list will remember your previous settings if you navigate away from the screen and return to the list later.

Configuration - Settings

Company Details

This allows you to enter your own company information. This is shown in on the customer payment screens, to give confidence to your customers that they are paying your company.

To add a company details follow these steps:

1. Launch the **PayThem** dashboard.
2. Navigate to **Company Settings**.
3. Enter your company details on the **Company Details** and **Level 2&3 Information** tabs.

   When adding a website, the website address must include http:// or https://.

4. Save your changes.

Logo customization

These settings allow you to add a logo to your payment webpage and confirmation emails.

> You need to be an administrator to access settings. If you are not an administrator then this section will not be available to you.

To add or remove a company logo follow these steps:

1. Launch to the **PayThem** dashboard.
2. Navigate to **Company Settings**.
3. Click the **Add Logo** option in the **Company Logo** section.
4. A pop up window will appear allowing you to select a logo from your files.
5. Select your logo file then click **Open**.
6. You will return to the **Company Settings** page and your logo will be displayed on screen.
7. Save your changes.
8. To remove the logo, click the **Remove Logo** icon on the top right of the logo in the **Company Logo** section.

Preferences

This allows you to configure certain preferences that affect the way the application works.

> You need to be an administrator to access settings. If you are not an administrator then this section will not be available to you.

To configure the preferences, do the following:

1. Launch to the **PayThem** dashboard.
2. Navigate to **Preferences**.
3. In the **Payment Requests** section:
   a. At the **Default country to display** option, select the country where most of your customers are based.
   b. The **Allow payers to edit payment amounts** option lets you select whether you want to allow a payer to change the amount to pay for a payment request.
   c. At the **Usage type** option you can decide if the payment request can be used more than once.

d. The **URL link expiration** option lets you customize the expiration time for payment request URLs using these settings. By default, payment request URLs are valid for 3 months. To change this, select an interval of days, weeks, months, or years, and specify the desired amount. If you set the interval to 0, the payment request link will never expire.

> We highly recommend that your payment requests have an expiry time.

4. In the **Transactions** section:

   a. The **Allow transaction currency to change option** allows the currency to be changed. However, you cannot change the currency if the transaction has been paid or part-paid.

   By default, once a transaction currency has been set it cannot be changed.

5. Save your changes.

Notifications

You can configure **PayThem** to send you email notifications when certain events have occurred. These events include:

- Pending payments

  An email is sent to all notification users when a payment has been successfully made by the customer.

- Successful payments

  An email is sent when a customer has attempted to make a payment but it failed and no payment was taken.

- Failed payments

  An email is sent when the customer has made a payment, but it is not yet completed as it may require authorization. The payment could be accepted or reject. Either events will trigger a success or failed payment email.

> - Customer notifications are sent automatically.
> - All User notifications are deactivated by default.
> - Notification settings need to be configured for every company you have set up in **PayThem**.

To configure notifications and add a notification user, do the following:

1. Launch to the **PayThem** dashboard.
2. Navigate to **Notifications**.
3. Enable the events for which you want to receive notifications.
4. Select **Add notification user**.

   The **Add New Notification User** window is displayed.
5. Select whether the new user is a full **PayThem** user or somebody who will receive email notifications.
6. Enter the new user's email address.
7. Select **Add User** to save the new user.

Users

This allows you to add, edit and remove users from **PayThem**. These users are global users and can access every company you have connected to **PayThem**.

> You need to be an administrator to access settings. If you are not an administrator then this section will not be available to you.

To add and maintain users, do the following:

1. Launch to the **PayThem** dashboard.
2. Navigate to **Users**.
3. Select the **New User** button.

   The **User Details** window is displayed.
4. Enter the user's name and email address.
5. At the **Role** field you can specify one of the following:
   a. Administrator

      This user can view payment requests and transactions, all customer accounts, banks linked to ,**PayThem**, payment plans, settlements and late payments.

      This user can configure users, company and payment settings.

   b. Standard user

      This user can view payment requests and transactions, all customer accounts, banks linked to ,**PayThem**, payment plans, settlements and late payments.

      This user can't configure users, company and payment settings.

   c. Viewer

6. Select the **Invite User** option to send them an email asking them to accept the invitation to be a **PayThem** user.

Companies

This allows you to setup multiple companies within **PayThem**.

> You need to be an administrator to access settings. If you are not an administrator then this section will not be available to you.

To add a company, do the following:

1. Launch to the **PayThem** dashboard.
2. Navigate to **Companies**.
3. Select the **Add Company** button.
4. Enter the name of the company.
5. Optionally enter the company short name and description.
6. Select your currency at the **Base currency** field.
7. At the **ERP/Accounts Details** field, select **SYSPRO**.
8. The **ERP Identifier** and **Custom Identifier** are used to link the **PayThem** company to the SYSPRO company, (i.e. it links the **PayThem** dataset to the SYSPRO dataset).

   You can enter the SYSPRO company ID (e.g. EDU1) in both fields.

   The **ERP Identifier** is reflected in the **Host ID** column in the **Companies** listview.

   The **Custom Identifier** is reflected in the **Custom ID** column in the **Companies** listview.
9. At the **Create Options** section you can copy settings from an existing company that you can select from the drop-down.
10. Select the **Check box if this is a demo company** if the company you're adding is not a production company.
11. Click on **Add company** to save your changes.

    You will return to the **Companies** listview.
12. You can click on the **Kebab** menu in the **Actions** column of the **Companies** listview to edit or delete the company.

Configuration - Payment Providers

The portal accept payments using a variety of methods, including credit cards and bank transfers. These payment methods are provided by payment providers, i.e. an external service that processes the actual payment transactions initiated through the **PayThem** platform.

To add a payment provider, do the following:

1. Launch to the **PayThem** dashboard.
2. Navigate to **Payment Providers**.
3. Select the **New Provider Configuration** button.
4. Select the available payment provider.
5. Enter the name, description and account details.
6. You can select the **Filters** button to filter on currencies for card and bank debit payment methods.
7. Select **Save Changes** to save the payment provider.

Affected programs

The following indicates areas in the product that may be affected by implementing this feature:

Setup programs

AR Invoice Terms

Program List > Accounts Receivable > Setup

This program lets you define the default settlement discount you want to extend to a customer whose payments are made within a prescribed period of time and to define when an invoice becomes due for payment.

We added the **Digital payments** section that lets you define invoice terms used for digital payment runs and sales order reservations.

Customers

Program List > Accounts Receivable > Setup

You use this program to capture and maintain details of customers required within the system. The information captured is also used in the **Customer Query** program.

For this enhancement, we added the **Bank** field that lets you select the bank the customer will use for digital payments.

> The **Bank** field is not displayed by default and can be added by doing the following:
>
> - In the ***SYSPRO Desktop*** you can select it from the **Show Captions** function that is available when selecting the context-sensitive menu by right-clicking in the **Customer Details** pane.
> - In the ***SYSPRO Web UI (Avanti)*** you can add it by selecting **Design Web view** at the **Customize** gear icon. In the **Add new data widget** screen do the following:
>   - Select the **Add new** icon in the **Customer Details** pane.
>   - Select the **Entry fields** option and click on **Customer Details**.
>   - Select the **Bank** field and click on **Add field**.
>   - Place the field on the **Customer Details** pane.

Dispatch Note Maintenance

Program List > Sales Orders > Dispatch Notes > Transaction Processing

This program lets you maintain dispatch notes. A dispatch note can be created when you end a sales order. Once created, the dispatch note may need to be changed, possibly at the request of the customer, or perhaps because you need to add freight or miscellaneous charges to the dispatch.

For this enhancement, we added the following:

- If the invoice term is defined as **Available for digital payments** within the **AR Invoice Terms** program, the **Digital Payment Reservation** message box is displayed when ending the order, allowing you to pay or reserve the invoice amount.
  - If **At sales order entry** or **Only when ready to invoice** is selected at the **Payment reservation options** field, then you have the option to select **Reservation request** or **Reserve now**.
  - If **None** is selected at the **Payment reservation options** field, then you have the option to select **Payment request** or **Pay now**.
- If you select **Reservation request** or **Payment request** at the **Digital Payment Reservation** message box, then the payment request URL can be displayed on the order acknowledgment or invoice for processing at a later stage.

> - To display the URL, it must be manually added onto the stationery or document template using the **SRS Document Templates Maintenance**[1] or **Maintain SRS Document Templates**[2] program).
> - You can also action the payment from the **Sales Orders** and **Invoices**listviews within the **Customer Query** program.

- If you select **Reserve now** or **Pay now** at the **Digital Payment Reservation** message box, then the browser with the URL is displayed to process the reservation or payment immediately.
- The **Show** hyperlink on the **Reprint Document** window launches the **SRS Report Queue** program from where you can open the invoice by selecting the **Preview** hyperlink.

ISO Currency Cross Reference

Program List > Accounts Receivable > Setup

This program lets you assign an ISO currency to currencies created within SYSPRO using the **Currency Maintenance** program.

Transaction Processing programs

AR Payment Run

Program List > Accounts Receivable > Transaction Processing

This program lets you capture payments for multiple customers in one payment run.

[1]Program: SRSPMT
[2]Program: SRSPM2

For this enhancement, we added the following:

- A **Digital payment** option at the **Payment type** field lets you indicate that you are creating a payment run for digital payments. Once this check box is enabled, you can only add a single customer to the payment run.
- A **Digital Payment** drop-down with the option to request a payment, make a payment, cancel a payment request and refresh the payment status.
- A status of 5 - PAYMENT PENDING indicates that the payment has been initiated but is not fully processed or confirmed yet. This status is only used for digital payments.

Sales Order Entry

Program List > Sales Orders > Sales Order Processing

This program lets you record and maintain various types of sales orders.

For this enhancement, we added the following:

- If the invoice term is defined as **Available for digital payments** within the **AR Invoice Terms** program, the **Digital Payment Reservation** message box is displayed when ending the order, allowing you to pay or reserve the invoice amount.
  - If **At sales order entry** or **Only when ready to invoice** is selected at the **Payment reservation options** field, then you have the option to select **Reservation request** or **Reserve now**.
  - If **None** is selected at the **Payment reservation options** field, then you have the option to select **Payment request** or **Pay now**.
- If you select **Reservation request** or **Payment request** at the **Digital Payment Reservation** message box, then the payment request URL can be displayed on the order acknowledgment or invoice for processing at a later stage.

  - To display the URL, it must be manually added onto the stationery or document template using the **SRS Document Templates Maintenance**[1] or **Maintain SRS Document Templates**[2] program).
  - You can also action the payment from the **Sales Orders** and **Invoices**listviews within the **Customer Query** program.

- If you select **Reserve now** or **Pay now** at the **Digital Payment Reservation** message box, then the browser with the URL is displayed to process the reservation or payment immediately.

[1]Program: SRSPMT

[2]Program: SRSPM2

- The **Show** hyperlink on the **Reprint Document** window launches the **SRS Report Queue** program from where you can open the invoice by selecting the **Preview** hyperlink.

Utility programs

Repair System Data

Program List > Utilities

The **Repair System Data**[1] utility runs various update facilities to refresh system information in **Microsoft SQL Server**.

For this enhancement, we added the **Currencies** check box that lets you import ISO 4217 currency data and generate a list of ISO currencies that must be used when linking these to existing SYSPRO currencies using the**ISO Currency Cross Reference**[2] program.

Batch programs

Document Print

Program List > Sales Orders > Sales Order Processing

This program lets you generate sales order documentation in batch mode.

For this enhancement, we added the **Process digital payments** in the **Report options** pane that lets you process a batch of digital payment requests. You can then view the payment request by selecting the **Preview** hyperlink against the invoice using the **SRS Report Queue** program.

> The document preview functionality is always disabled when generating and processing digital payments in batch mode, as a separate window would have to be launched for every document.

Report and Update

AR Bank Deposit Slip

Program List > Accounts Receivable > Transaction Processing

This program lets you post payments directly into the ***Cash Book***, or generate source documents to manually post payments into the ***Cash Book***.

For this enhancement, we added a separate entry for digital payments in the **Deposit Slip** and **Deposit Slip - Details** panes.

[1]Program: IMPRBO
[2]Program: IMPISC

Query programs

Payment Gateway Interface Log

Program List > Accounts Receivable

This program lets you view the digital payments that have been processed and navigate to the transaction details.

You can select the **Details** hyperlink at the **Connector gateway** column to launch the **Connector Gateway Query**[1] program.

Digital Payment Run Query

Accessible from the ***Show*** *hyperlink at the* ***Digital payments*** *field within the* **Customer Query** *program.*

This program lets you view digital payment run details within the ***Accounts Receivable*** module.

Connector Gateway Query

Accessible from the ***Details*** *hyperlink at the* ***Connector gateway*** *column within the* **Payment Gateway Interface Log**[2] *program.*

This program lets you view API requests made by the **SYSPRO 8 Connector Gateway API Service**.

Customer Query

Program List > Accounts Receivable

This program lets you view data relating to your customers in the ***Accounts Receivable*** module.

For this enhancement, we added the functionality:

- You can launch the **Digital Payment Run Query**[3] program from the **Query** menu in the ***SYSPRO Desktop*** or **Linked views** section in the ***SYSPRO Web UI (Avanti)***.
- You can process digital payment and reservation requests:
  - From the **Action** hyperlink in the **Digital payment** column of the **Invoices** listview pane.

    You can either select **Pay now** to process the payment request or **Cancel payment request** to withdraw the payment request.
  - From the **Action** hyperlink in the **Reserve payment** column of the **Sales Orders** listview pane.

[1]Program: IMPDCG
[2]Program: ARSPGL
[3]Program: ARSPPQ

- You can either select **Reserve now** to process the reservation or **Cancel reserve payment** to withdraw the payment reservation.

> Use the **Field Chooser** option from the context-sensitive menu to add the **Digital payment** and **Reserve payment** columns to the listview.

Sales Order Query

Program List > Sales Orders

This program lets you view the latest information for sales orders captured or maintained.

For this enhancement, we added the **Digital payment details** section where the payment request status and amounts are displayed.

> The **Digital payment details** section is not displayed by default and can be added by doing the following:
>
> - In the ***SYSPRO Desktop*** you can select it from the **Show Captions** function that is available when selecting the context-sensitive menu by right-clicking in the **Customer Details** pane.
> - In the ***SYSPRO Web UI (Avanti)*** you can add it by selecting **Design Web view** at the **Customize** gear icon and then selecting **Add new**.

Dispatch Note Query

Program List > Sales Orders > Dispatch Notes

This program lets you view dispatch note and dispatch invoice information, typically to track the status of a dispatch note.

For this enhancement, we added the **Digital payment details** section where the payment request status and amounts are displayed.

> The **Digital payment details** section is not displayed by default and can be added by doing the following:
>
> - In the ***SYSPRO Desktop*** you can select it from the **Show Captions** function that is available when selecting the context-sensitive menu by right-clicking in the **Customer Details** pane.
> - In the ***SYSPRO Web UI (Avanti)*** you can add it by selecting **Design Web view** at the **Customize** gear icon and then selecting **Add new**.

Affected business objects

The following indicates the business objects that are affected by this feature:

Setup objects

AR Invoice Terms Maintenance

The **AR INVOICE TERMS MAINTENANCE**[1] business object lets you add, update and delete AR invoice terms.

Transaction objects

COM Import Programs, Activities and Esig

The **COM IMPORT PROGRAMS, ACTIVITIES AND ESIG**[2] business object lets you upload standard and custom tiles to the system-wide database. This is done as part of the minor database release.

AR to Cash Book Integration Posting

The **AR TO CASH BOOK INTEGRATION POSTING**[3] business object lets you integrate AR Payments directly into the ***Cash Book***. It emulates all the integration functionality provided in **AR Bank Deposit Slip** except producing a printed bank deposit slip.

AR Payments and Adjustments

The **AR PAYMENTS AND ADJUSTMENTS**[4] business object is used to post payments and adjustments against ***Accounts Receivable*** invoices for SYSPRO customers and to post miscellaneous receipts (not linked to a specific customer or invoice).

SO Sales Order Import

The **SO SALES ORDER IMPORT**[5] business object lets you add a new sales order and change or cancel an existing sales order.

Multiple orders can be passed to this object with any combination of the add, cancel and change requests. The input for each order is made up of header information and individual detail lines.

SO Change Order Status

The **SO CHANGE ORDER STATUS**[6] business object lets you update the order status of existing sales orders.

[1]Business object: ARSSIT
[2]Business object: COMTII
[3]Business object: ARSTCI
[4]Business object: ARSTPY
[5]Business object: SORTOI
[6]Business object: SORTOS

Dispatch note creation from Sales Order

The **DISPATCH NOTE CREATION FROM SALES ORDER**[1] business object lets you create dispatch notes from sales orders.

SO Change Dispatch Status

The **SO CHANGE DISPATCH STATUS**[2] business object lets you change the status of a dispatch note.

SO Invoice Calculation from Sales Order

The **SO INVOICE CALCULATION FROM SALES ORDER**[3] business object lets you process the sales orders that are created using the **SO SALES ORDER IMPORT**[4] or the **Sales Order Entry** program.

SO Dispatch Invoice Calculation

The **SO DISPATCH INVOICE CALCULATION**[5] business object lets you invoice the dispatch notes that are created using the **DISPATCH NOTE CREATION FROM SALES ORDER**[6] business object or the **Dispatch Note Review** program.

SO Dispatch Note Consolidation

The **SO DISPATCH NOTE CONSOLIDATION**[7] business object lets you consolidate dispatch notes for invoicing.

SO Order or Order Line Cancel

The **SO ORDER OR ORDER LINE CANCEL**[8] business object lets you process sales orders.

SO Dispatch Note Cancel

The **SO DISPATCH NOTE CANCEL**[9] business object lets you process dispatch notes.

Query objects

SO Sales Order Query

The **SO SALES ORDER QUERY**[10] business object lets you query a sales order number or a specific sales order / invoice number combination and returns sales order header and detail line information. Archived sales orders can't be queried.

[1]Business object: SORTDN
[2]Business object: SORTDS
[3]Business object: SORTIC
[4]Business object: SORTOI
[5]Business object: SORTNC
[6]Business object: SORTDN
[7]Business object: SORTCD
[8]Business object: SORTOX
[9]Business object: SORTDC
[10]Business object: SORQRY

Customer Query

The **CUSTOMER QUERY**[1] business object lets you view information held against a customer in the Accounts Receivable module.

SO Dispatch Notes

The **SO DISPATCH NOTES**[2] business object lets you query dispatch note details.

SO List Dispatch Notes

The **SO LIST DISPATCH NOTES**[3] business object returns a list of selected dispatch notes when producing multiple deliveries against a sales order without producing an invoice after each delivery.

[1]Business object: ARSQRY
[2]Business object: SORQ31
[3]Business object: SORQDL

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