



Auto Email

Version 1.3.4.0 Countries: US, CA, AU, UK

Setup and User Manual

For Microsoft Dynamics 365 Business Central

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Contents

| Description | 3 |
|---|----|
| Technical Concept | 3 |
| Auto Email License | 3 |
| Setup of Auto Email | 3 |
| SMTP setup | 4 |
| Important note on SMTP services | 4 |
| Auto Email Setup | 5 |
| General Tab | 5 |
| Statement Options | 6 |
| Email Template Tab | 6 |
| License Tab | 6 |
| Actions | 7 |
| Auto Email Templates | 8 |
| Merge Fields for Templates | 9 |
| Customer/Vendor Setup | 11 |
| Job Queue Setup | 11 |
| Permissions | 12 |
| User Manual | 13 |
| Special emails | 14 |
| Email Customer Statement | 15 |
| Email Collection | 15 |
| Auto Email Log File | 16 |
| Auto Email Dashboard | 17 |
| Test Mode | 18 |
| Auto Email Customer Statements | 19 |
| Auto Email Attachments | 20 |
| General Attachments | |
| Specific Attachments | 22 |
| Trial Period and Activating/Renewing a Subscription | 24 |
| Customer Support and Request for new features | 25 |



Description

Automatically email sales and purchase documents to customers and vendors without any effort.

- Send a collection email to a customer that includes a statement and all supporting documents with one click.
- Remind customers of they have short-paid or have no-paid invoices with a single click.
- Send monthly statement to all customers automatically and without user interaction.
- Review email log to see when emails were sent and by whom.
- Save hours every day having Auto Email do the hard work of collecting documents, writing email bodies, emailing and storing evidence that emails were sent.
- Send specific and default attachments with sales and purchase documents.

Auto Email is simple to use and saves you a lot of time.

Auto Email is a solution that makes it effortless to send out emails and at the same time release the user immediately even when sending 1000s of emails. The solution uses an email log to place all the emails in and let Microsoft Dynamics 365 Business Central do the rest of the work. Auto Email can also be set to automatically email invoices and credit memos as they are being posted.

For accounts receivable, Auto Email can send customer statements and collection notices with all open and past due invoices and credit memos at a single click of a button and if a customer short-paid an invoice Auto Email can send a notice to the customer about that too.

Technical Concept

Auto Email is using an email queue to log the emails in and the Job Queue to process the emailed documents. Auto Email has an entry log that is populated every time a document is submitted to be emailed. The Job Queue will check the log every X minutes and if there are entries that have not been emailed the system will automatically start emailing the documents until all have been emailed. The log will be updated once the document has been emailed with a status to ensure that the document is not emailed again. This means that there is nothing emailed from the client and the user is instantly released on the document has been submitted.

Auto Email License

Auto Email can be acquired as an App in the Extension Market Place inside Dynamics 365 Business Central. Just click Free trial to install and try out the solution. The trial will last for 30 days. A subscription can be purchased from SimCrest.

Setup of Auto Email

There are a couple of steps needed in order for Auto Email to work.

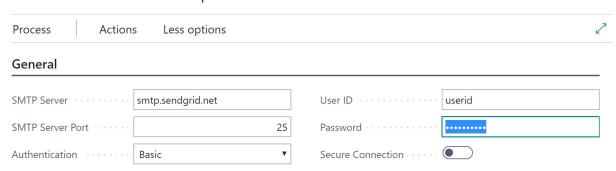
Since this manual covers several country versions of Dynamics 365 Business Central, variations in the user experience and demo data may occur.



SMTP setup

For the system to email via SMTP, you will have to specify an SMTP server. Search for SMTP Mail Setup.

SMTP Mail Setup



Specify the server's IP address or name. You may have to consult with your IT administrator to get this information. Test the setup before you continue.

Important note on SMTP services

The SMTP service is of the outmost importance. Many SMTP services may have issues sending emails consistently and securely, so we recommend getting an SMTP service from Sendgrid (www.sendgrid.com). They will also provide additional information about your emails, like if they were received and opened by the end user. Here is an example of a report from Sendgrid:



At the time of writing this manual, Sendgrid offers a free service with up to 12,000 emails per month.



Auto Email Setup

You will also have to set up Auto Email to be able to email documents. Search for "Auto Email Setup". The setup table is populated during the installation.

Auto Email Setup Process Actions Less options 🛅 Subscription 🔒 Process Emails 🔳 Email Templates 🎏 Create Email Templates 🐉 Create Email Templates 🛣 Create Job Queue Entry 🕮 Email Attachments 🕮 Email Log General Send from Email Address billing@company.com Test Mode To Email Email Cr.Memos When Posting Statement Options -1M+CM Statement To-date Formula · · · · · · · · · · · · Print All with Balance Due Date **Email Templates** Sales Ouote Template SALESQUOTE Service Cr. Memo Template SERVCRMEMO Sales Order Template SALESORDER Purchase Order Template Sales Return Order Template SALESRETURN Customer Statement Template STATEMENT SALESCRMEMO Sales Cr. Memo Template Collection Template · · Service Invoice Template SERVINVOICE License Licensed Company Name 1/10/2019 Don't show subscription notifications

Here is an explanation for all the fields:

General Tab

- Send from Email Address and Name
 - This are the email and name that will show as the sender of all emails sent via Auto Email unless a template overrides them (see templates below). Make sure it's a valid company email address. The SMTP server will likely have an issue if the Send From Email Address is not in your company's domain.
- Test Mode, Test Mode To Email
 If Test Mode is checked, all emails will be send to the Test Mode To Email unless
 overwritten by the document template (see later). This is used for testing that email's
 and document's look right before you start sending to customer and vendors.
- Email Invoices When Posting
 If checked, invoices will be emailed automatically when they are posted. Make sure the customer is setup to receive documents via email. See Customer Card.
- Email Cr.Memos When Posting



If checked, credit memos will be emailed automatically when they are posted. Make sure the customer is setup to receive documents via email. See Customer Card.

Statement Options

This is used for the canned statement report that's used for the Statement and Collection templates. The report number is 70163326 (Online version) or 93326 (On Premise Version).

Start Date

This is the start date of the date filter on the statement lines.

Statement To-date Formula

This information is needed for the Auto Email Statement report. The formula is used to determine if a customer have a balance due as of the date calculated using this formula in relation to Today's date. Example. Today = 05/05/19. If the formula is '-1M+CM' the balance as of 04/30/19 is used to determine if the customer has a balance as of this date. If so, the statement will be emailed. If not, the statement for this customer is skipped. The date formula is also used to determine the statement date.

Print All with Balance

The statement will be printed if the customer has a balance. The customer also need to have a balance due by the To-date above.

• Print All with Entries

The statement will be printed if the customer has entries. The customer also need to have a balance due by the To-date above.

Update Statement No.

This will update the customer's statement no.

Statement Style

Will show Open Items or Balance only.

Aging Method

This is used to show aging. Options are: None, Due Date, Transaction Date, or Document Date.

Length of Aging Periods

If Aging Method is different from None, this will show the date formula for the aging periods.

Email Template Tab

Email Templates

These templates set up how each document type supported by Auto Email is being treated upon emailing. Read about templates below.

License Tab

• Expiration Date

This is the expiration date of the subscription. The app will stop working after this date.

Trial Period

You are granted 30 days trial period upon installation of the app.

Licensed Company Name



This is the company name that owns the subscription. It must be the exact same as the company name in the system.

• Don't show subscription notifications
This will disable the notifications you see when the system is started.

Actions

Auto Email Setup

| <u>Process</u> Ac | tions Less options | | | | | |
|-------------------|--------------------|-------------------|------------------------|------------------------|-------------------|-------------|
| Subscription | Process Emails | Ⅲ Email Templates | Create Email Templates | Create Job Queue Entry | Email Attachments | Ⅲ Email Log |

Here is an explanation for all Process Actions:

• Subscription

This is used to activate or renew a subscription. See later in this document how to do this.

Process Emails

When clicked, Auto Email will simulate running the job queue and should usually only be used for testing.

Email Templates

Access the Email Templates used to determine how emails are sent for each document type.

• Create Email Templates

Default templates are created upon installation of the App. At any time after the installation, this will recreate the templates if they were accidentally deleted. Existing templates will NOT be overwritten.

Create Job Queue Entry

Create the job queue entry used to automatically send emails when submitted. See later section for more information.

• Email Attachments

These are standard attachments that can be assigned to document type. See later for more details.

Email Log

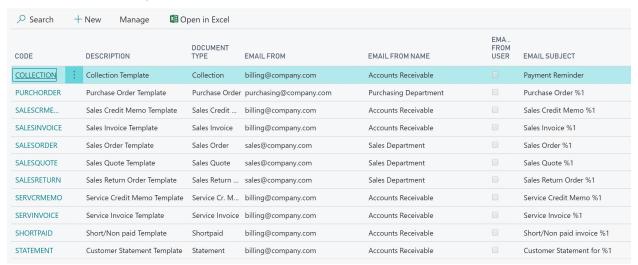
This is the email log that will show all emails sent with statuses. See later for more details.



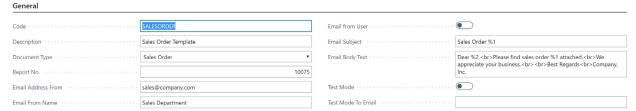
Auto Email Templates

Each supported document needs to have a template set up in order for the document to be emailed. Search for Auto Email Templates:

Auto Email Templates



Here is the Sales Order Template:



Here is an explanation for all the fields:

- Code
 - A unique code for the template
- Description
 - A description of the template
- Document Type

Here is the document type of the documents. You can have several templates of the same document type (if the code is different), but you can only have one active template per document type. The active template is provided in the Auto Email Setup page.

Report No.

Type the report number for the report you like to use for this document type. Report numbers can be found by searching "Report Layout Selection".

The collection report has three report no's:

| Statement Report No. | 70163326 |
|--|----------|
| Invoice Report No. | 1306 |
| Credit Memo Report No. · · · · · · · · · · · · · · · · · · · | 1307 |



The report number for the statement report should be 70163326 (Online version) or 93326 (On Premise Version).

• Email Address From and Name Here you can provide an email address and corresponding name. This will override the settings in the Auto Email Setup page.

• Email From User

When checked, the Auto Email Name and Email in the User Setup table are used as the email from. This overrides all other settings for Email From.



Email Subject

Here the subject line is provided. You can merge one field from the document into the text (use %1 place the fields in the text). The merge fields for each document are provided in a table below.

• Email Body Text

Here the email body is provided. You can merge two fields from the document into the text (use %1 and %2 to place the fields in the text). The merge fields are provided in a table below for each document.

Test Mode and To Email
 This works just like the same fields in the Setup page, but these two fields override the setting in the Setup table.

Merge Fields for Templates

Merge fields are used to substitute %1 in the subject line %1 and %2 in the body text. Here are the fields for each document type:

| Document Type | %1 | %2 |
|---------------------------|------------------|---------------|
| Sales Quote | Quote No. | Customer Name |
| Sales Order | Order No. | Customer Name |
| Sales Return Order | Return Order No. | Customer Name |
| Sales/Service Invoice | Invoice No. | Customer Name |
| Sales/Service Credit Memo | Credit Memo No. | Customer Name |
| Short Paid Notice | Invoice No. | Customer Name |
| Statement | Customer No. | Customer Name |
| Collection | Customer No. | Customer Name |
| Purchase Order | Order No. | Vendor Name |

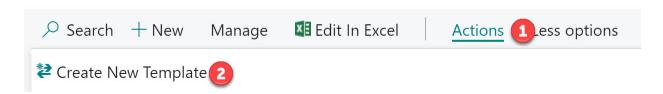
Example for a sales order: "Please find sales order %1 for customer %2 attached". There is a document type called Custom. It's only used for extension development for partners that want to extend their own solution by providing their own document types to the Auto Email App.



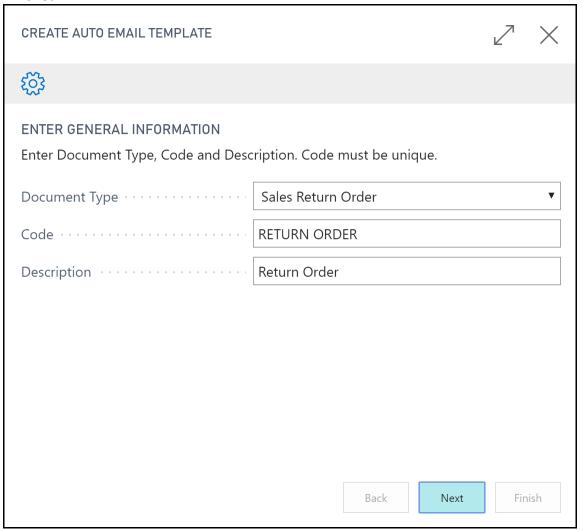
Template Wizard

There is a template wizard that allows you to be guided through the process of creating the templates. From the Template List, Click Actions, Create New Template:

AUTO EMAIL TEMPLATES



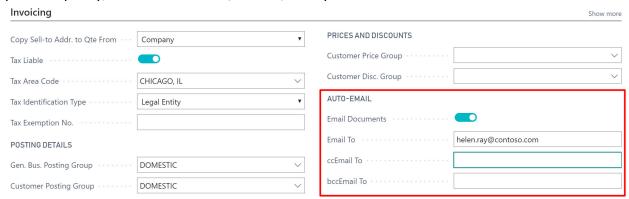
The wizard will be launched. Follow the instructions and click Next (and Back if needed) until Finished.





Customer/Vendor Setup

On the customer/vendor card, the Auto Email information is found on the Invoicing tab. Here you will specify, for each customer/vendor, if they should have documents emailed or not.



A check mark in Email Documents is used to indicate that the customer/vendor will receive documents via email rather than printed and mailed. You have to have Email To filled out. ccEmail and bccEmail are optional. You can specify several addresses by separating them with semicolon (;) and no spaces.

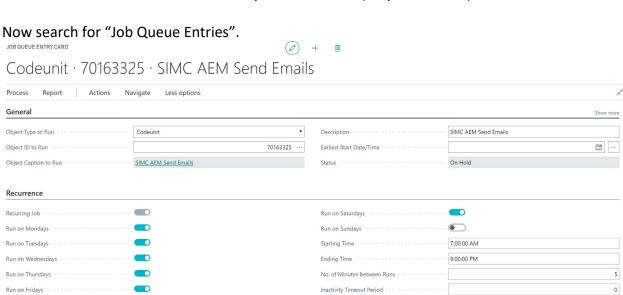
Job Queue Setup

You will have to set up the Job Queue. Auto Email has a way to set it up quickly. Go to Auto Email Setup. Find the action Create Job Queue Entry.

Auto Email Setup



Click it to create a new Job Queue Entry for Auto Email (only run it once).



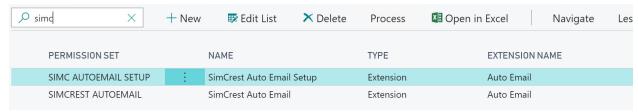


Set the recurrence to your preference. We suggest emailing every 5 minutes, but that can be adjusted up or down as needed. Once you have tested the solution thoroughly, Set Status to ready.

Permissions

A permission set for Auto Email is created when the Extension is installed. It's called 'SIMCREST AUTO EMAIL'.

Permission Sets



Assign this permission set to all the users that should have access to Auto Email. The SIMC AUTOEMAIL SETUP permission should be assigned to all other users.

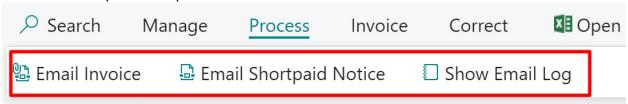


User Manual

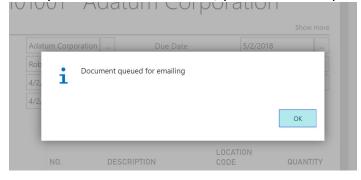
The ability to email documents has been added to several pages (cards and lists):

- Sales Quotes
- Sales Orders
- Sales Return Orders
- Posted Sales Invoices
- Posted Sales Credit Memos
- Posted Service Invoices (only available in premium version)
- Posted Service Credit Memos (only available in premium version)
- Purchase Orders

Here is an example from a posted invoice:

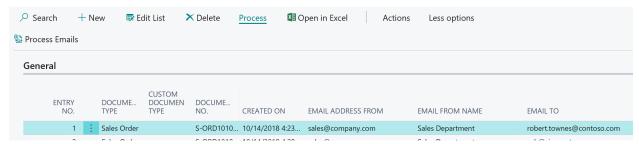


Once you click the Email button, you will see the queued message:

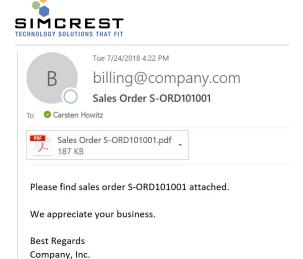


The Show Email Log button, will show all the related log entries for the document you are standing on. Here is an example for a Sales Order.

Auto Email Log



The Process Emails action in the Auto Email Log can be used to force the emails to be sent, if you can't wait for the Job Queue to process them. This is usually only used for testing. Here is an example how a sales order would look like in the email:

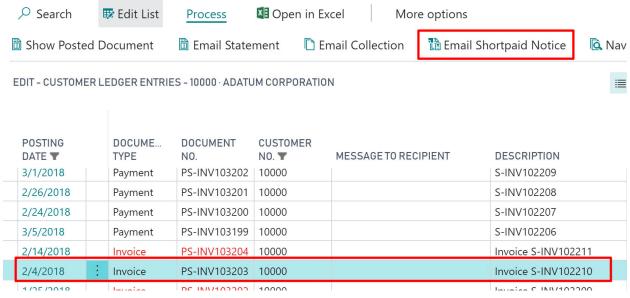


Special emails

Short-paid/Non-paid invoices.

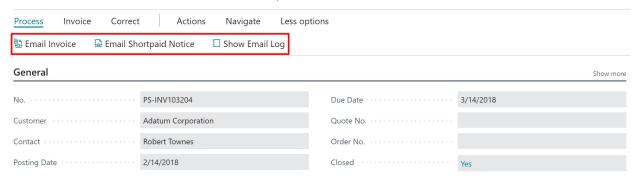
You can email a short/non-paid notice. If the invoice is past due and the original amount is the same as the past due amount, Auto Email will send a non-paid email with the invoice attached. Use the Non-Paid body text in Auto Email Setup to tell the customer whatever you like. If the invoice is partially paid, Auto Email will send a short-paid notice (also with invoice attached) using the short-paid body text in Auto Email Setup for this purpose.

Short-paid notices can be sent from posted invoices and the customer ledger.





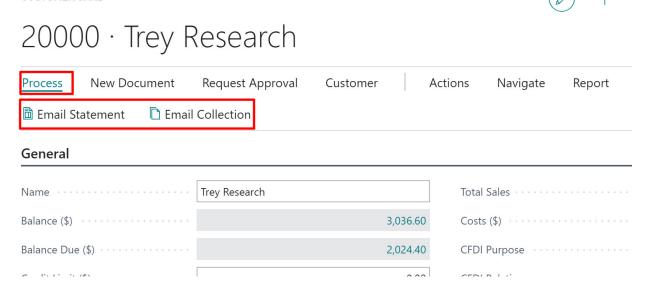
PS-INV103204 · Adatum Corporation



Email Customer Statement

You must use the statement report that comes with the App. The number is 70163326 (Online version) and 93326 (On Premise Version).

On the customer card and the customer ledger you have the option to send a statement.



You can send statements and collections (see more about collections below). The statements will use the values from the Auto Email Setup page.

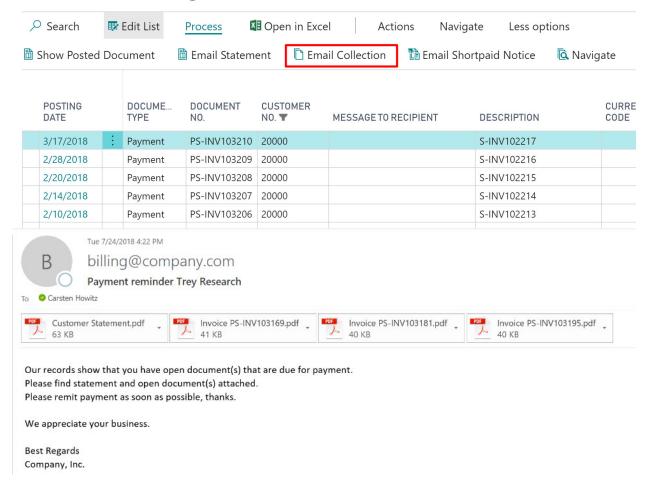
Email Collection

A collection email is a special email that will send a statement (using the setting as described above) along with all the supporting documents (invoices and credit memos).

On the customer card and the customer ledger you have the option to send a collection email.

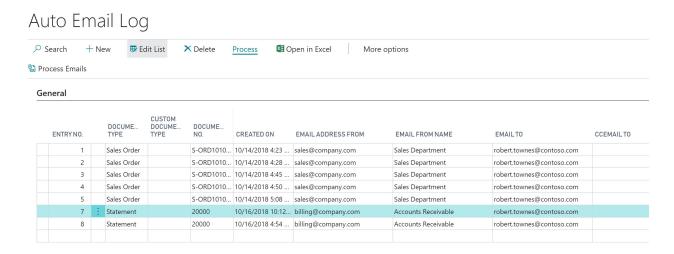


Customer Ledger Entries



Auto Email Log File

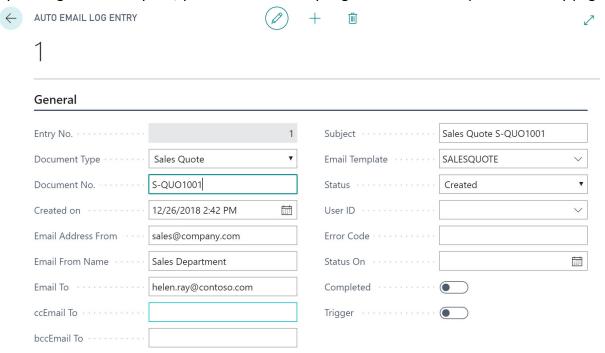
Auto Email maintains a log file that will show all the emails that was requested to be submitted with their status. Search for Auto Email Log.





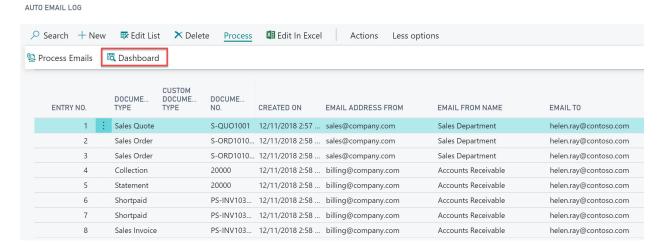
You can use the log to find out if emails went out correctly and see if there is an error to be corrected. If there is an error, you typically must resolve the error. You can also check if the job queue has stopped due to an error. If it has stopped, you must resolve the error before you start the job queue again. You can edit and delete entries in the log if you have the permission to do that.

By clicking on the Entry No., you can see the Entry Page. Here is an example of the entry page:



Auto Email Dashboard

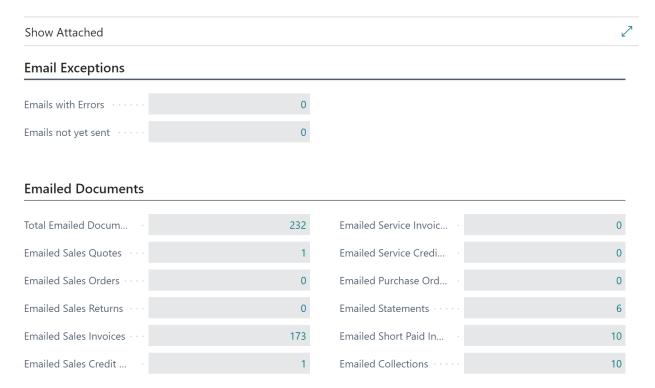
If you like to see an overview of the email log, go to Auto Email Log and click Dashboard.



The Dashboard gives a quick overview of exceptions and emails sent:



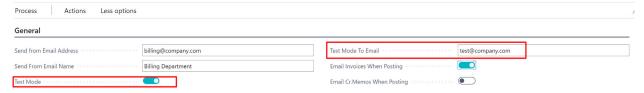
Auto Email Dashboard



Test Mode

In Auto Email Setup there is an option to put Auto Email in test mode.

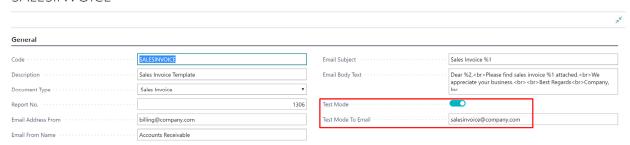
Auto Email Setup



If checked, Auto Email, will send all emails to the "Test Mode To Email" address instead of the actual customers/vendors. This is useful when setting up Auto Email and checking that documents are showing up correctly in the emails. Just uncheck again when the system is tested and ready to go.

You can also set up test mode on the template. This setting will override the setting on the setup file.



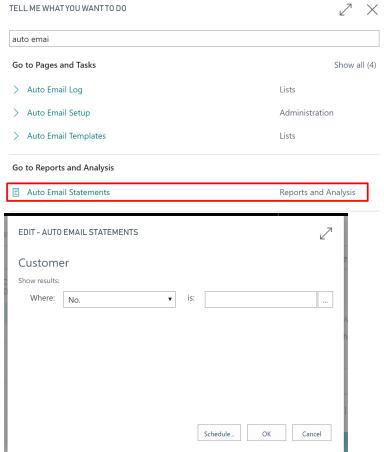


Auto Email Customer Statements

Auto Email can send customer statements to all customers that have a balance due according to the date formula. Check the documentation for Auto Email Setup for more information. The customer must also be setup to receive documents via email ("Email Documents" on Customer Card.



To email the customer statement search for Auto Email Statements and run the report. Specify any filter you like to have on the customer number.



Once you run the report, statements will be queue for emailing.





VIEW - AUTO EMAIL LOG + New

General

| ENTRY NO. | DOCUME TYPE | DOCUME NO. | CREATED ON | EMAILTO | SUBJECT | STATUS |
|-----------|----------------|---------------|-------------------|---------------------|--------------------------------|---------|
| 1 | Sales Invoice | PS-INV1032 | 8/3/2018 10:53 AM | johndoe@contoso.com | Sales Invoice PS-INV103215 | Emailed |
| 2 | Sales Invoice | PS-INV1032 | 8/3/2018 10:57 AM | johndoe@contoso.com | Sales Invoice PS-INV103215 | Emailed |
| 3 | Sales Invoice | PS-INV1032 | 8/3/2018 11:03 AM | johndoe@contoso.com | Debug: Sales Invoice PS-INV10 | Emailed |
| 4 | Statement | 10000 | 8/3/2018 11:40 AM | johndoe@contoso.com | Customer statement for Adatu | Created |
| 5 | Statement | 20000 | 8/3/2018 11:40 AM | johndoe@contoso.com | Customer statement for Trey Re | Created |
| 6 | Statement | 30000 | 8/3/2018 11:40 AM | johndoe@contoso.com | Customer statement for School | Created |
| 7 | Statement | 40000 | 8/3/2018 11:40 AM | johndoe@contoso.com | Customer statement for Alpine | Created |
| 8 | Statement | 50000 | 8/3/2018 11:40 AM | johndoe@contoso.com | Customer statement for Releclo | Created |

Auto Email Attachments

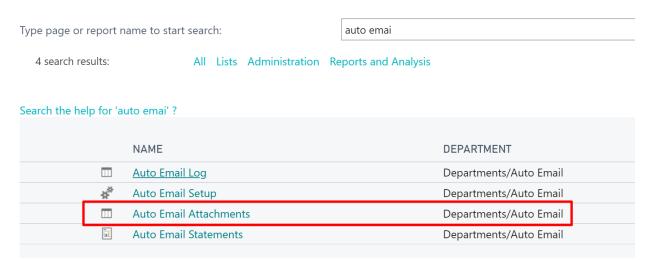
Auto Email allows you to send attachments to sales and purchase documents. There are two ways to send attachments:

- 1. Send specific attachments saved on the sales or purchase document
- 2. Send general attachments related to sales or purchase document

General Attachments

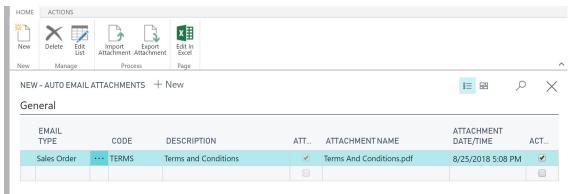
General attachments can be sent with the sales and purchase documents. Let's say you like to send you "Terms and Conditions" and "Return Instructions" with all sales orders you email. Find the attachments page:

SEARCH FOR PAGE OR REPORT



Here is the attachment table:





Here are the fields used on the page:

Email Type
 Here you pick the document type you are emailing

Code

This is a unique code used per email type

Description

The description of the document

Attachment

This will be checked if there is an attachment imported

• Attachment Name

This is the file name of the attachment. Make sure you include the extension (pdf, docx, xlsx, etc.). Do NOT include the full file path, only the name and extension.

• Attachment Date/Time

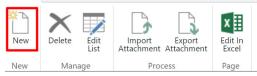
The date and time the file was loaded.

Active

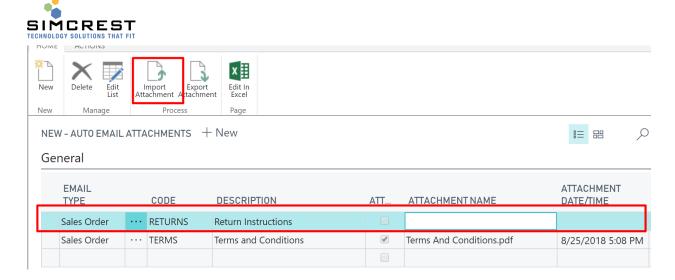
Click active to include this attachment for the email type selected. If unchecked, the attachment will NOT be emailed.

Load Attachment

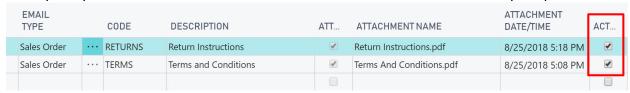
Create and new attachment:



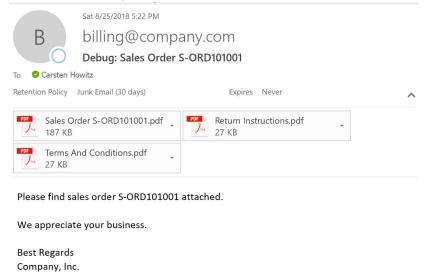
Pick the Email Type and enter the code and description. Click Import attachment on the line just entered.



Pick the file and it loads into record we are entering. Make sure to enter the attachment name exactly like you want the customer to see the attachment. Do NOT include any file path.



In the above case, two attachments will be sent with the sales order.



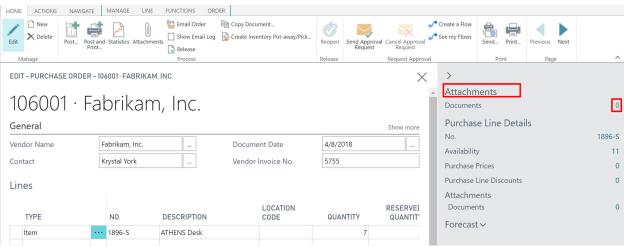
If you use the Export attachment, the file will be downloaded to your Downloads folder. If you like to delete the attachment, delete the entire record.

Specific Attachments

Specific attachments can be sent with the sales and purchase documents. Auto Email allows you to send the attachments that are associated with the standard Dynamics 365 Business Central functionality available for any document. Let's say you have a purchase order and you like to email special instructions with the purchase order.

Open the attachments pane:





Click the number of Documents (in this case 0) and attach the document you like to email with this particular purchase order.

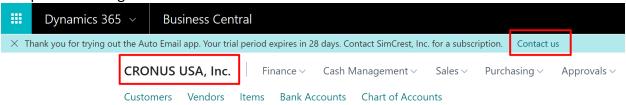


Make sure to check the Auto Email checkbox. Any document you load here will be emailed along with the purchase order if the Auto Email is checked. If not, it will not be emailed.



Trial Period and Activating/Renewing a Subscription

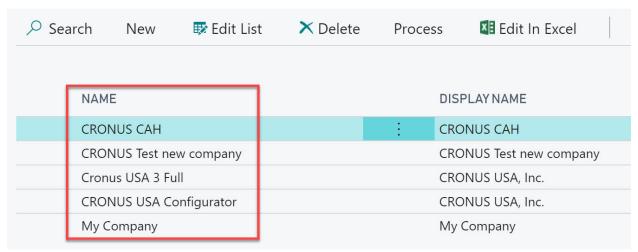
When you have installed Auto Email, it will automatically run for a trail period of 30 days. During that time, you are free to evaluate the solution and there are no restrictions to the version running under the trial period. Each time anyone logs into the system they will see a trial period message in their Role Center.



Once the trial period has expired, Auto Email will no longer send emails. To avoid that, you need to subscribe to Auto Email. Contact SimCrest to purchase a subscription. You can click the "Contact us" link in the message to send us a message (http://simcrest.com/ContactUs).

Auto Email is licensed per company and is tied to the company name. You can see the company name by searching for "Companies":

Companies



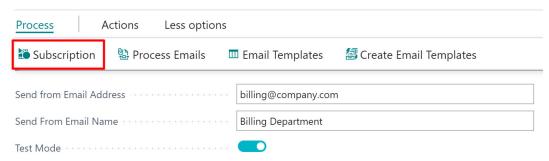
Pick the company name from the name column (not the Display Name) and send it to SimCrest together with the request for a subscription. Subscriptions usually run for 1 year at a time but can be customized to your specific needs.

Once purchased, SimCrest will issue you an activation code. Here is how to activate the subscription:

• Go to Auto Email Setup and click Subscription



Auto Email Setup

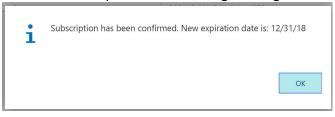


Paste the activation code into the field and click Activate Subscription

Activation



Here is an example of the resulting message



Customer Support and Request for new features

If you have questions how to use Auto Email or have issues to report, we would love to hear from you. Please go to http://simcrest.com/ContactUs and send us a message. Use the same link if you like to request new features for Auto Email.