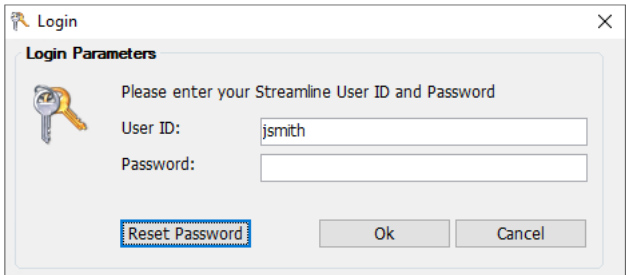
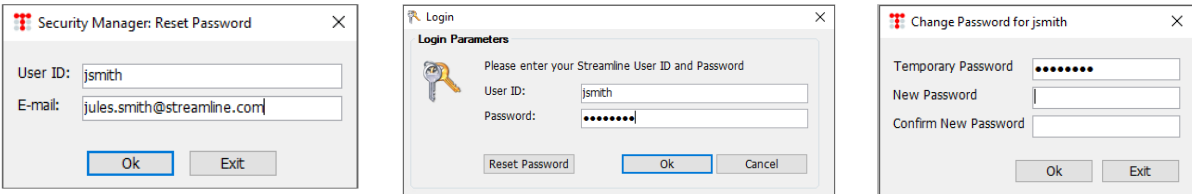
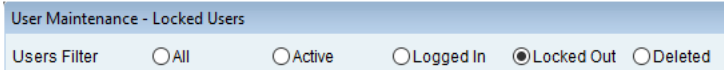
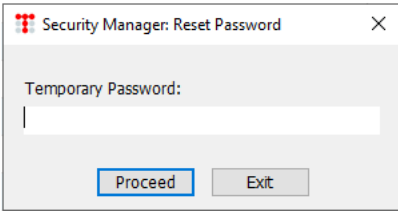
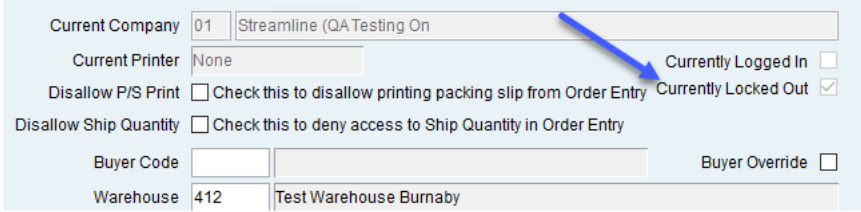
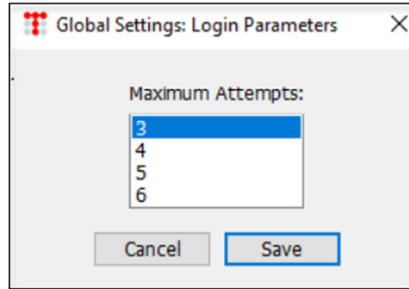
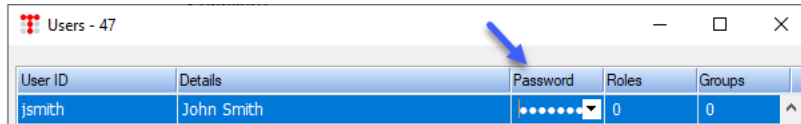


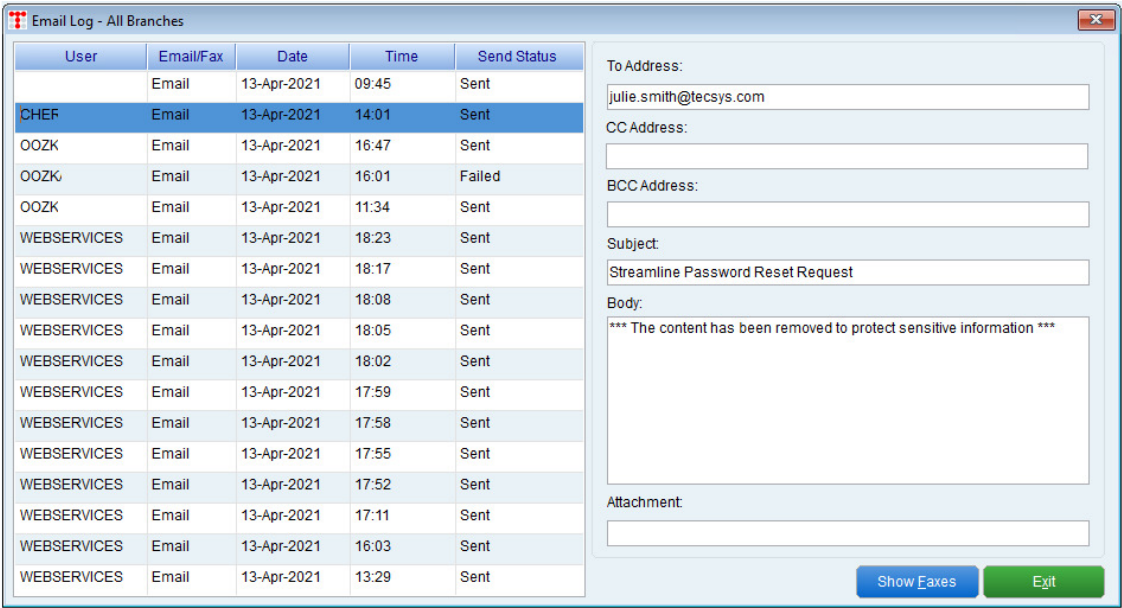
New Features:

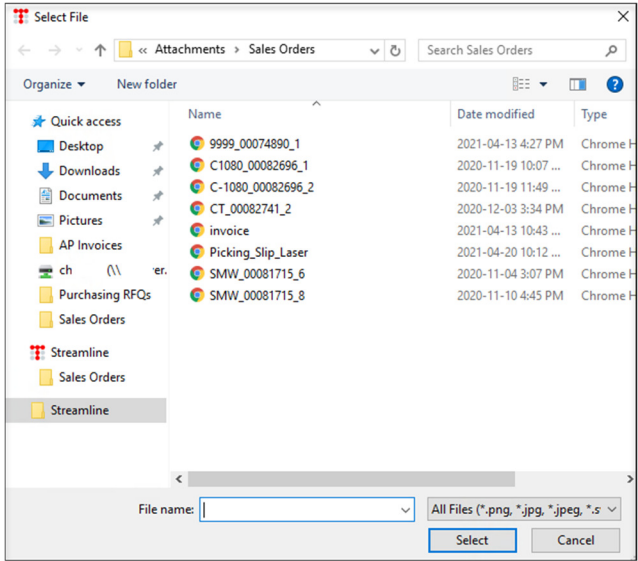
Ref	Description
1.	Security Improvements We have made several security enhancements to the Streamline ERP application and deployment.
1 a)	Password Security Improvements - Overview We are implementing a more complex password protocol in Streamline ERP. From now on, passwords must meet the following criteria: • Minimum 8 characters (maximum 20) containing at least one uppercase letter, one digit, and one special character. The password complexity rules only apply when logging into Streamline ERP. Other modules that utilize passwords are currently unaffected, including E-commerce, HandHeld and Remote Signature Capture. Consecutive failed login attempts are now counted and users will be locked out when the number of incorrect password attempts reaches or exceeds the Maximum Attempts parameter. For details, see the Login Parameters in section 3 d) below. A password reset option has been added to Streamline ERP which generates a new temporary password that is sent via email to the user. The Email/Fax Log has been modified to suppress the display of the body of any emails containing temporary passwords.

Ref	Description
1 b)	Password Security – Login When logging into Streamline ERP, you must use a password that meets the new complexity requirements. - If your current password does not meet these new requirements, or if you have reached the maximum number of login attempts, you can reset your password using the new Reset Password button.  - When you click Reset Password, you will be required to provide an email address. The email address is validated against the email address on file for your user ID in the User Maintenance program. The email address entered must match. - The system will generate a temporary password and send it via email. - Once you enter the temporary password, you must change your password. Here are examples of the new screens:  - Successfully changing a password automatically unlocks a locked user account and resets the maximum attempts counter to zero.

Ref	Description
1 c)	Password Security – User Maintenance We have updated the User Maintenance program (Company Setup > User Maintenance). i) User Maintenance browse: - A Locked Out filter has been added to the User Filter options, allowing you (i.e. users with appropriate user rights to this program) to view a list of all users currently locked out of the system. Here is an example from the header section of the User Maintenance screen:  - A Reset Password button has been added to this screen, allowing you to generate a temporary password for the highlighted user. On the Reset Password screen, click Proceed to have a temporary password sent to the email address on file for the user. Here is an example of the Reset Password screen:  - The temporary password automatically displays on the screen. ii) Modify User Details: - A Currently Locked Out check box has been added. This is a system maintained field that cannot be manually updated.  - A user is locked out if the number of incorrect password attempts reaches or exceeds the maximum attempts parameter. - This flag is cleared once the user successfully logs into Streamline ERP.

Ref	Description
1 d)	Password Security – Security File Maintenance The following changes have been made to the Security File Maintenance programs found under the Options menu on the main menu page (also invoked by right clicking in the footer section). Only users with access to the Security Files can see the Options menu. i) Login Parameters The Login Parameters option is new. When you click this option, the Global Settings: Login Parameters screen opens:  • The Maximum Attempts parameter can be set to any value between 3 and 6. • Users will be locked out if their count of consecutive failed login (password) attempts exceeds the setting on this screen. • Attempting to log in with no password will not increment the counter. ii) Change Password The Change Password option is new and is invoked for the current user. The complexity rules are enforced. • The current password must be entered followed by the new password and a confirmation of the new password. • A successful password change will unlock the user and reset the failed attempts counter. iii) Users When changing a password from the Users program, the complexity rules are enforced. With the correct user highlighted, right click on the password field to open the Change Password screen.  • The Change Password screen opens for the highlighted user, allowing the administrator to enter and confirm a new password for the highlighted user. • A successful password change will unlock the user and reset the failed attempts counter.

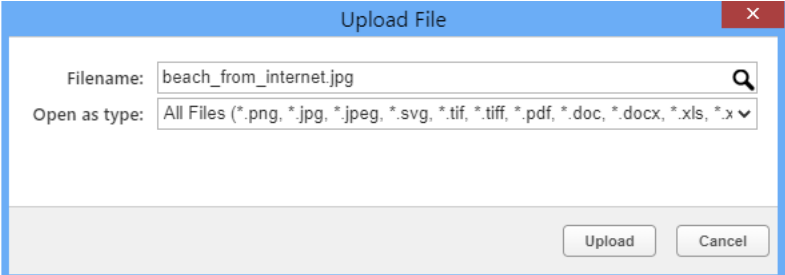
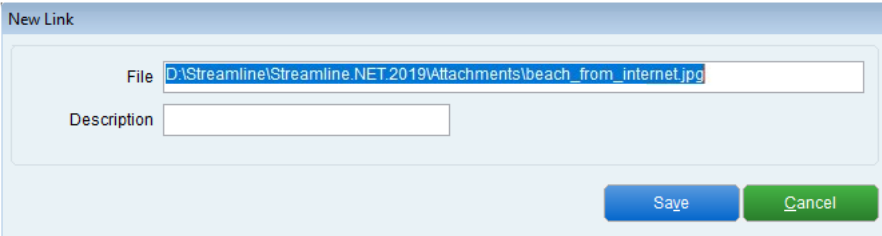
Ref	Description
1 e)	Suppressing Sensitive Information in Email Log When users in Streamline ERP or E-commerce forget or reset their passwords, an email is sent to a validated email address. The email typically includes the word 'password' in the subject line and contains a temporary password in the body of the email. The Email/Fax Log (Sales Order Processing > Processing) includes the details of the email. In order to prevent password information from being displayed, the log has been modified and the body of the email will display: *** The content has been removed to protect sensitive information *** . Here is an example from the email log:  - The User field (on the left hand side of the screen shot above) typically contains a user ID. When the user field is: - Blank - the email for the password reset originates from the Login prompt, as no user was logged in when the password reset was initiated. - Webservices - the email for the password reset originates from e-commerce.
1 f)	E-commerce - Forgot your Password The e-commerce Forgot your Password functionality has been modified. Now you are emailed a temporary password that must be changed with your next login. The new password complexity rules will be applied to e-commerce in an upcoming release.

Ref	Description
2.	File Access in Streamline ERP When in Streamline ERP, you can only create or access files or folders within your own data environment (i.e. root directory). Security improvements have been made to file access: - Locations in Streamline ERP that prompt for files or folders have been affected. Specifically, the following locations: - The Attachment Setup program accessed from the Attachment Setup button on the Company Info screen. - The Attachments functionality, accessed by the Attachments button from the following programs: A/P Invoice Entry, P/O Maintenance, P/O Receiving, RFQ Maintenance, P/O Requisition Maintenance, Order Entry, Quote Entry, and Service Work Order Maintenance. - The Modify Import Mappings functionality in the Import Products program. - DevExpress spreadsheet controls. - You can only navigate to files or folders within the root directory, which is typically D:\Streamline. The root directory (allowed_root_path) is identified in the .ini file for your environment. - The following changes have been made: - The path that launches will be in the root directory or a context-sensitive folder, as long as it is within the root directory. Here is an example from Order Entry > Attachments button: 

Ref	Description
2. <i>cont</i>	○ You can select a file from following file types: ▪ PDF files (*.pdf) ▪ MS Office (*.doc*, *.xl*) ▪ Image Files (*.png, *.jpg, *.jpeg, *.svg, *.tif*) ○ You can view files outside of this list by entering *.* (all files) in the File name field. ▪ A file from the all files list can be selected unless it is in the pre-defined file-type block extension list, including (but not limited to): .exe, .bat, .ps1, .scf, .docm, .reg, .com. ○ Pre-existing fields containing valid filenames outside of the root directory will still be honoured but attempts to modify these fields will be subject to the new functionality. ○ Any attempt to navigate above the root directory will be prevented. ○ The right-click action (or Shift/Alt/Ctrl shortcut) within the dialog has been disabled. ○ Any pre-existing logic that converted filenames to a UNC (Universal Naming Convention) format has been removed.
3.	File Access in Streamline ERP Cloud-Hosted In Streamline ERP, you can add files from your local environment to orders, quotes, purchase orders, etc. making these files available to other users. When Streamline ERP is running in a cloud-hosted environment, we have added additional controls to manage the types files that can be uploaded and the locations to which the uploaded files can be stored. The Select File dialog, which is launched from all locations in Streamline that prompt for files (including DevExpress), has been programmed to detect if the application is running in a cloud-hosted environment. When a cloud-hosted environment is detected, the following functionality has been added: • A Select File Browsing Location screen allows you to select the location from which you want to browse for the file, i.e. from the server or your local computer: • Selecting the Server option allows you to browse to files on the server within the root directory defined in the .ini file, typically D:\Streamline. The full path and filename will be returned to the field from which you are browsing. • Selecting My Computer opens the Upload File window, allowing you to open an image, PDF, MS Word or MS Excel file that matches the one of the following file extensions: ○ *.png, *.jpg, *.jpeg, *.svg, *.tif, *.pdf, *.doc*, *.xl*, *.csv, *.txt

What's New in Version 2021.2.0 Release Notes

New Features/Improvements

Ref	Description
3. <i>cont</i>	- Once you have completed the file open (i.e. selected the file), the Upload File screen opens with the file name:  - When you click Upload, the Browse for Folder screen opens, allowing you to select a location to upload the file to. (You can only browse to folders within the root directory.) - The file will be uploaded to the selected folder, returning the full path and filename to the field from which it was called:  - The uploaded file is now available to all users when browsing the server. Similarly, locations in Streamline ERP where linked files can be viewed or previewed, i.e. programs associated with the Attachments functionality and E-commerce Product Publishing, can detect if the application is running in a hosted environment. In these programs, clicking the View or Preview button will download the file in the browse so that you can open it locally.
4.	E-commerce Security Improvements The Streamline E-commerce module enables files to be uploaded to your web site and web pages to be customized with HTML scripts. We have improved security in e-commerce by adding validation to restrict potentially dangerous HTML code and image/video files from making their way to e-commerce websites. These changes affect the following program: - Streamline E-Commerce > Master Files > E-Commerce Categorization > Categories Maintenance - Streamline E-Commerce > Master Files > Product Publishing > Product Publishing

**What's New in Version 2021.2.0
Release Notes****New Features/Improvements**

Ref	Description
4. <i>cont</i>	The following changes have been made: • The system validates that only authorized HTML tags and attributes are entered in these programs. Additionally, a sanitization routine is performed to ensure proper syntax is used within the code. Warning and error messages display when invalid tags, attributes or syntax discrepancies are found. ○ A complete list of valid HTML tags/attributes is available in the Streamline ERP Help. • The system also validates the image and video file types entered. For example, you can add a *.jpg image but you cannot add a *.exe program. ○ A complete list of dangerous file extensions and valid image/video files is available in the Streamline ERP Help. • Pre-existing HTML fields will not be subject to the new validation rules, however modification of the HTML field(s) will invoke the new functionality.

Improvements:

Ref	Description
1.	Emails Include ASN Attachments In an effort to address the issue whereby emails sporadically missed P/O and ASN attachments, and to begin the process of eliminating the SmartMail PDF printer, we have modified all Invoice Printing routines that send via email to use the Firefly built-in PDF generator functionality. Error handling has been adjusted to enforce a maximum attachment size of 10Mb (total of all attachments), and to not submit a message to send if the attachment(s) are oversized or missing. For interactive processes, an error dialog will be displayed. For background processes, an error is written to the Visual Streamline event log. An issue was also identified and addressed where ASNs would never include the PDF attachment, as the program was coded to specifically use the Picking List printer definition. This means the PDF attachment would never get generated unless the site had the Picking List printer definition set to SmartMail Printer. The logic has been modified and emails now include ASN attachments. NOTE: The logic will be modified to fix all other areas, including Purchase Order attachments, in a future release.
2.	Stock Receipt Lines with Missing Supplier Info Display in Red Currently, when a receipt detail line cannot be cancelled, that line is displayed in gray, the Cancel check box is disabled, and a reason displays at the bottom of the screen. This functionality has been extended to detail lines for which the supplier information is missing. In addition, non-cancellable lines now display in red rather than in gray.
3.	Line Notes Appear for All Revisions The functionality related to line notes has been modified as follows: • All programs displaying line notes now include all revisions. • Any references to revision in the title of these programs has been removed. • Icons designating notes are bolded when line notes exist for any revision. • Line notes from all order revisions are sent to the Purchase Order.