ABOUT BUSINESS EDGE

Business Edge is an online banking solution that offers a full suite of features designed to meet the needs of businesses of all sizes — micro business to large corporate clients.

Business Edge' robust feature set includes: three information reporting services, full transaction initiation with internal and external transfers, ACH, wires, loan payments/advances, and bill payment. Multiple layers of security are available including approvals, limits, token and out-of-band approval.

For optimal system performance the use of Internet browser buttons is disabled in Business Edge.



MINIMUM SYSTEM REQUIREMENTS

A company user's computer must meet minimum system requirements to use Business Edge.

Browser Requirements

- 128-bit encryption
- JavaScript
- Cookies
- Cascading Style Sheets
- Browser page cache should be set to get a new version every visit to the page

Hardware Requirements

- 1 GHz Celeron processor
- 1024x768 SVGA resolution at 256 colors
- 500 MB RAM
- 128 Kbps (slowest DSL) or better

System Considerations

- Do not use apostrophes, question marks, semi-colons, or single quotes when entering data into the system.
- Numeric fields support the following characters: 0-9.
- Alphanumeric fields support the following characters: a-z, A-Z, 0-9.
- Alphanumeric fields, except for passwords and user IDs, can contain spaces.





COMPANY USER SIGN ON

About Sign On

Business Edge has two authentication methods that reduce the risk of online identity theft: secure token authentication and out-of-band authentication. The authentication method companies use is determined by the financial institution.

Secure token authentication confirms a company user's identity using a personal identification number (PIN) and a token code generated by their token device.

Out-Of-Band Authentication confirms a company user's identity using a one-time security code. The interaction occurs outside the online channel through either an automated voice call or a text message.

Set Up a New Hardware Token Passcode/PIN

1. Click the appropriate link to access Business Edge.

2. Complete the following fields:

Company ID Your company's identification number.

User ID Your user identification number.

- 3. Click the **Set Up Secure Token Sign In** link.
- 4. Click Continue.
- 5. Type the code currently displayed on your token device into the **Token code or** passcode field and then click **Continue**.
- 6. Complete the following fields:

PIN A personal identification number of your choosing. For valid PIN

format, please refer to the material you received with your token

device or contact your administrator.

Confirm PIN Re-enter the personal identification number you have chosen.

7. Wait for your token device to display the next token code and then click **Sign on**.





8. Type your PIN and the code currently displayed on your token device into the **Passcode** field and then click **Continue**.

Sign On - Company Users

1. Click the appropriate link to access Business Edge.

2. Complete the following fields:

Company ID Your company's identification number.

User ID Your user identification number.

3. Click Continue.

4. If prompted, complete additional authentication:

a. Click Continue with Security Code.

b. Choose a contact option: **Phone** or **Text message** (if applicable).

c. Click Continue.

- d. Do one of the following: If you chose to be contacted by phone, note the one-time security code shown on the screen and then type or speak the code into the phone once you receive your phone call. If you chose to be contacted by text message, select a Country/region, fill in the Mobile phone number with your phone number, and then click Send Text Message. If the mobile phone number matches a number on record, a text message containing a one-time security code is sent to your phone. In the One-time security code field, type the one-time security code displayed on your mobile device and then click Submit.
- 5. Complete one of the following fields:

Password Your password for online banking access.

Passcode Passcodes are only required for tokens. A passcode is

combination of the company user's personal identification

number (PIN) followed by the token code currently shown on the

company user's token.

Click Sign In.





COMPANY USER LOGIN CREDENTIALS

Company User ID Requirements

- Should be at least four characters in length but no more than 26.
- Should include a combination of two of the following types of characters:
 - Letters: A through Z, upper and/or lower-case. User IDs are not case sensitive.
 - **Numbers:** 0 through 9.
- Cannot be the same ID assigned to another user in the same company.

Note: Spaces and special characters are not supported.

About Company User Passwords

Business Edge uses strong password controls that require company users to use a combination of special characters, letters, and/or numbers.

Company users are required to change their password the first time they sign on. Company users may also be prompted to set up a Personal Identification Number if their company uses tokens for authentication at sign-on.

Company User Password Requirements

Temporary & Enrollment Passwords

The following requirements apply to temporary passwords (issued by a company administrator or financial institution) and passwords created by company users during enrollment into Business Edge:

- Must be at least eight characters in length but no more than 12.
- Must include a combination of two of the following types of characters:
 - Letters: A through Z or a through z; temporary/enrollment passwords are not case sensitive.



Numbers: 0 through 9

Special characters: #\$@

- Cannot include more than three consecutive identical characters. For example, t@IIIIama
 is not allowed but t@IIIama is.
- Cannot be the same as the associated user ID.

Temporary/enrollment passwords can be one of 15 previously used passwords.

Standard Passwords

The following requirements apply to company user passwords that **are not** temporary (issued by a company administrator or financial institution) or created through enrollment into Business Edge:

- Must be at least eight characters in length but no more than 12.
- Must include a combination of three of the four following types of characters:
 - Upper case letter: A through Z
- Lower case letter: a through z
 - Numbers: 0 through 9
 - Special characters: #\$@!% ^&*)(_+=|/?;:.}{-[]
 - Cannot include more than three consecutive identical characters. For example, t@IIIIama is not allowed but t@IIIama is.
 - Cannot be the same as the associated user ID.
 - Cannot be one of 15 previously used passwords. The exception to this requirement is temporary passwords issued by company administrators or financial institutions.

Company User Password Expiration

Temporary Passwords

Temporary passwords (issued by a company administrator or financial institution) expire 10 days from the date they were issued/created.





Enrollment & Standard Passwords

Standard (non-temporary) passwords and passwords created by company users during enrollment into Business Edge expire 90 days from the date they were issued/created.

Company User Password Changes

Company users can change their own password once per day. This applies to all company users regardless of their assigned role.

Subsequent Password Changes

Company users who have changed their own password and need it changed again in the same day should contact their company's administrator or financial institution for a temporary password.

Once company users sign on using a temporary password they are required to change it.

Password Alerts

Company users are automatically notified by e-mail when they change their password or their password is changed by an administrator.

Login Attempts and Locked Accounts

Company users are allowed three unsuccessful login attempts before their account is locked and access is prevented.

A locked account can be unlocked by:

- A company user who has the Administration role. A password change is not required in this case.
- The company's financial institution. Company users are provided a temporary password and are required to change it upon signing on.
- The company user whose account is locked. A *Locked Password* page is presented during sign-on to a company user who has a locked or inactive status and:
 - Out-of-Band Authentication is enabled for their company.
 - Token Authentication is not enabled for their company.





Note:

Passwords can only be reset once per day. A company user whose account has been locked by a company administrator cannot reset their password. The Locked Password page may not be available to all companies

About Forgotten Password

Forgotten Password allows company users to create a new password if they have forgotten their password.

Create a New Password Using Forgotten Password

1. Go to the sign on page and complete the following fields:

Company ID Your company's identification number.

User ID Your user identification number.

- 2. On the password page, click the **Forgot your password?** link.
- 3. Click Continue.
- 4. Click Continue with Security Code.
- 5. Choose a contact option: **Phone** or **Text message (if applicable)**.
- 6. Click Continue
- 7. Do one of the following:
 - If you chose to be contacted by phone, note the one-time security code shown on the screen and then type or speak the code into the phone once you receive your phone call.
 - If you chose to be contacted by text message, select a Country/region, fill
 in the Mobile phone number with your phone number, and then click Send
 Text Message. If the mobile phone number matches a number on record, a
 text message containing a one-time security code is sent to your phone.
 - In the One-time security code field, type the one-time security code displayed on your mobile device and then click Submit.



8. Complete the following fields:

New password Create a password following the <u>Company User Password</u>

Requirements.

Confirm new password

The password typed into the **New password** field.

9. Click Submit.

10. Click Continue.

About Hardware Tokens

A hardware token is a device that generates a one-time, random authentication code which is paired with a company user-defined personal identification number (PIN) to form a passcode. The passcode is used by company users to:

- Sign on to Business Edge.
- Approve ACH transactions and/or wire transfers (if entitled).

For RSA® and VASCO DIGIPASS® GO series hardware tokens, the passcode is combination of the company user's personal identification number (PIN) followed by the token code currently shown on the company user's hardware token device. For VASCO DIGIPASS® 200 - 300 series hardware tokens, the passcode is just the token code generated by the token device.

Grace Setup Period for Hardware Tokens

The grace setup period is the number of calendar days the financial institution and company administrators (if applicable) have to set up and distribute hardware tokens to company users. Company users can continue to use their password to sign on and approve transactions during the grace setup period. When a company's grace setup period ends, all users in the company must use their hardware token device to sign on and/or approve transactions (if applicable).

Unlock Hardware Token PINs - RSA

Please contact your financial institution to reset your hardware token PIN.





Unlock Hardware Token PINs - VASCO

Note: This capability may not be available to all Administrators.

- 1. Click Administration > Company Administration > Manage Users.
- 2. Click the **System Access** link beside the company user whose PIN you want to unlock.
- 3. In the User Secure Token Maintenance section, click the clear token PIN link.
- 4. Click Clear PIN.

About Software Tokens

Software tokens provide two-factor authentication by using a company user's sign-on credentials with the dynamic passcode created by the software token app installed on the company user's mobile device. The passcode is used by company users to:

- Sign on to Business Edge.
- Approve ACH transactions and/or wire transfers (if applicable).

Grace Setup Period for Software Tokens

Software tokens do not have a grace setup period. Once a company user has a software token service assigned to them, they are prompted to complete activation at their next login.

Software Token App

The software token app is available for download in the Apple App Store® and Google Play™ store; an internet connection is required. Once downloaded, the software token app requires activation through Business Edge; the mobile device must have a camera for the activation process.

About Software Token Activation - VASCO

After the software token app is downloaded from an app store, it requires activation through Business Edge. Company users are required to complete the activation process for each device they want to use for software tokens. Activation is also required when a company user replaces their mobile device or resets/restores it to the factory settings.



Note:

If a company user exits the activation process and/or closes the software token app before completing activation, a software token license does not get assigned to them. The company user can resume activation in a subsequent Business Edge session.

Activation for Transaction Approval

Company users who only have the Soft Token Approval service assigned to them can continue to sign on to Business Edge without completing software token activation — postponing activation. However, company users who postpone activation are prompted to complete activation at every subsequent login and cannot approve an ACH or wire transaction until they do so.

Activation for Sign-On and Transaction Approval

Company users who have both Soft Token Authentication and Soft Token Approval services must complete activation at sign-on otherwise they cannot access Business Edge. Once the company user completes the activation at sign-on they are not required to complete activation again when approving an ACH or wire transaction.

Company Users with Temporary Passwords

Company users are required to complete software token activation if they have a software token service assigned to them and are signing on to Business Edge with a temporary password.

Activate Software Tokens

Prerequisites: To complete this task you must have the software token app installed on your mobile device.

Use Business Edge to complete activation for both the Soft Token Authentication and Soft Token Approval services

- 1. Validate your identity by <u>signing on</u> to Business Edge with your existing credentials.
- 2. Open the software token app on your mobile device and tap **Activate your DIGIPASS**. Your mobile device's camera should now be active.

Note: The Activate your DIGIPASS button might be named differently for your company.



3. Use your mobile device's camera to scan the QR code shown on the Set Up Software Token Sign On page and then click **Continue**.

A unique device code should appear within the software token app on your mobile device.

4. Type the device code displayed on your mobile device into the **Instance Activation** field on the *Set Up Software Token Sign On* page and then click **Continue**.

Note: The Instance Activation field might be named differently for your company.

5. On your mobile device, tap **Scan online image**.

Your mobile device's camera should now be active.

- 6. Use your mobile device's camera to scan the second QR code shown on the Set Up Software Token Sign On page and then click **Continue**.
- Within the software token app on your mobile device, choose how you want to validate your identity each time you access the software token app: Password or Fingerprint scan.

Your first software token passcode is shown on the software token app.

- 8. Type the passcode shown on the software token app into the **One time password** field on the *Set Up Software Token Sign On* page and then click **Continue** to sign on to Business Edge.
- 9. Tap **OK** on the software token app on your mobile device to complete the activation.





ENROLLMENT

About Enrollment

Enrollment is an optional feature which must be entitled by the financial institution. If entitled, enrolling online begins the process of setting up Business Edge account information.

For security purposes, the company ID only appears on the enrollment confirmation and is not included in the Welcome e-mail after you complete your enrollment. Please make a note of this ID as it is needed to sign on.

Enroll in Business Edge

1. On the sign on page, click the **Enrollment Page** link.

2. Complete the Login Credentials fields:

User ID Type a user identification number using the <u>Company User ID</u>

Requirements.

Enter password Type a password using the Company User Password

Requirements.

Confirm password Type the password you defined in the **Enter password** field

3. Complete the **Company Information** fields:

Company name Your company name (up to 40 alphanumeric characters).

First name Your first name (up to 50 alphanumeric characters).

Last name Your last name (up to 50 alphanumeric characters).

Title (optional) Your title within your company (up to 30 alphanumeric

characters).

Telephone number

Phone number (up to 13 numeric characters).

Fax (optional) Fax number (up to 12 numeric characters).

Email address E-mail address (up to 50 alphanumeric characters).

Address line 1 First line of the address (up to 30 alphanumeric characters).



Address line 2 Second line of the address (up to 30 alphanumeric characters).

City City (up to 20 characters).

State/Province A predefined list of states and provinces.

Zip code The ZIP code for the city typed in the **City** field.

Country Canada or United States.

4. Complete the **Account Information** fields:

ABA/TRC Your financial organization's Transit Routing Code. This number

is used to identify your financial organization and can be found

on your checks or checking account statement.

Account Number The number of the account (up to 17 numeric characters).

Description Text describing account (up to 40 alphanumeric characters).

Account Type Checking or Savings.

- a. Optional: To add more accounts, click the Add another account link.
- 5. Optional: If applicable, select the Additional Banking Services options.
- 6. Click Continue.
- 7. Review the service agreement as needed and then click **Agree**.
- 8. Take note of the Company ID.





WELCOME

About the Welcome Page

The *Welcome* page appears upon a company user's successful sign on and provides an at-a-glance view of important information.

Welcome Page Components

Item Number	Item Description
1	The user greeting, the date and time the user last accessed the system, and SignOff link.
2	The main navigation menu.
3	The favorites icon. User can click this to access links to their favorite pages.
4	The product name banner with global navigation links. This banner is displayed above every Business Edge page.
	The Approvals link allows users to view pending approvals for transfers, transactions, templates, schedules, account reconciliation items, positive pay items, ACH/wire files, and user administration.
	The Exceptions link allows users to view and act on ACH and/or check positive pay exceptions awaiting decision or approval.

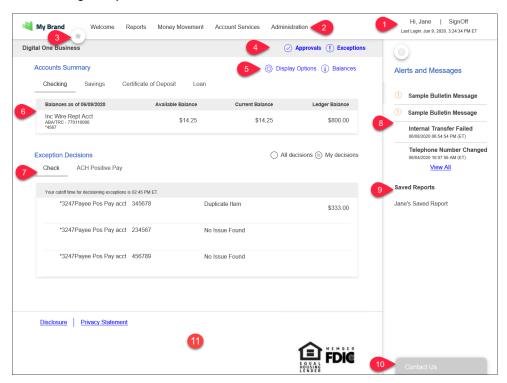


Item Number	Item Description
5	The Display options link allows users to choose the accounts they want displayed in the Account Summary section and the order in which they are displayed.
	The Balances link provides users with explanations of different balance types such as available and accessible.
6	The Account Summary section. Users can click the accounts to go to their entitled reporting service to view activity.
7	The Exception Decisions section shows ACH and/or check positive pay exceptions awaiting decision or approval. Users can click the exceptions to go to the <i>Manage Exceptions</i> page.
8	The Alerts and Message section where alerts, bank mail, and bulletin messages appear. Clicking an alert or mail message presents the message in a modal dialog window on the <i>Welcome</i> page. Users can click the View All link to go to the <i>Received Mail and Alerts</i> page.
	When a user has not received alerts and bank messages in the last seven days, the following message is displayed: You have received no alerts or bank messages within the last seven days.
9	All saved reports/searches. Saved reports are available to users who have the Deposit Account Reporting (Premium Reporting) service.
10	The Contact Us section includes your institution's contact information and bank home page link.
11	The footer area includes links to your institution's disclosure and privacy documents and any brandable footer content.





Welcome Page Sample







MAIL

About Mail

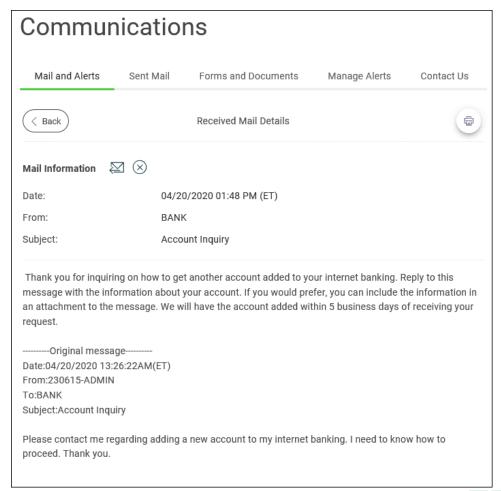
Mail is used to exchange secure messages between company users and financial institutions in Business Edge.

Mail messages are displayed for 90 days, after which they are archived for three years. Mail messages are automatically deleted after 90 days.

Read Received Mail Messages

- 1. Click Administration > Communications > Mail and Alerts.
- 2. Click the link in the **Subject** column for message you want to view.

Received Mail - Message Detail Page Sample







Reply to Received Mail Messages

- 1. Click Administration > Communications > Mail and Alerts.
- 2. Click the link in the Subject column for the message to which you want to reply.
- 3. Click the reply icon () beside the **Mail Information** heading.
- 4. Optional: Select a Service to associate with the message.
- 5. **Optional:** Select an **Account** for the selected service.
- 6. **Optional:** Click the **Add Attachment** link to attach a document to the message. The attached document cannot exceed 5 MB.
- 7. Type a response to the message in the **Message** field. 10,000 alphanumeric characters are allowed for the message including the original message text.
- 8. Click Send Message.

Received Mail - Reply Page Sample

Communica	tions	
Mail and Alerts	Sent Mail Forms and Documents Manage Alerts Contact Us	
(Back	Received Mail Reply	
To: Subject:	CUSTOMER SUPPORT Re: test	
	Service (optional)	v
	(Select Service to display associated accounts.)	
	Account (optional)	▼
	(Accounts assiciated with selected service.)	
Message:		
	(10,000 characters maximum)	
Send Message	Cancel	Contact Us +



Send Messages

1. Click Administration > Communications > Contact Us.

2. Complete the following fields:

To Predefined contact list(s) for the financial organization.

Subject What the message is about (up to 120 alphanumeric characters).

Service (optional) If the message pertains to a particular service, select it from a

predefined list of entitled services.

Account (optional) If the message pertains to a particular account for the selected

service, select it from a predefined list of entitled accounts.

Account numbers are masked for security.

Add Attachment

(optional)

Click Browse to attach a document to the message. Up to 5 MB

is supported for the attachment.

Message Type the message content (up to 10,000 alphanumeric

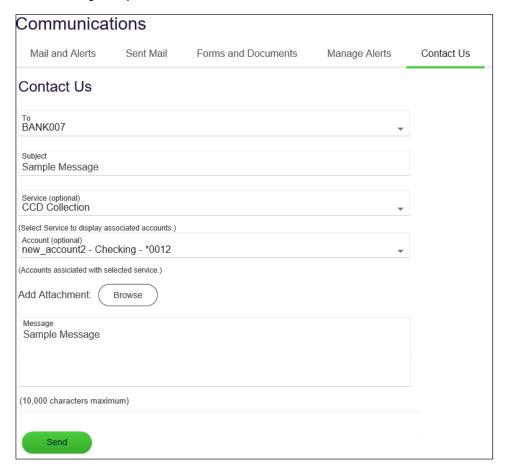
characters).

3. Click Send.





Contact Us Page Sample



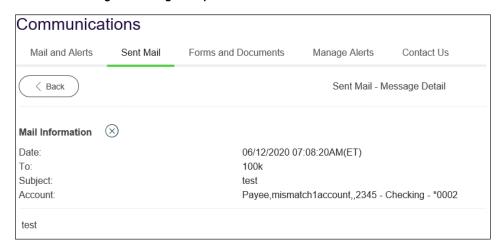




Read Sent Mail Messages

- 1. Click Administration > Communications > Sent Mail.
- 2. Click the link in the **Subject** column for message you want to view.

Sent Mail - Message Detail Page Sample



Delete Sent Mail Messages

- 1. Click Administration > Communications > Sent Mail.
- 2. Select the messages to delete and then click **Delete**.
- Verify the messages as needed and then click **Delete messages**.

Sent Mail - Delete Messages Verification Page Sample

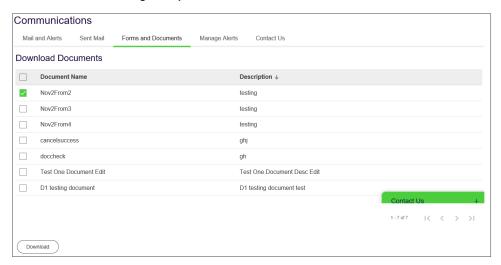
Communications						
Mail and Alerts	Sent Mail	Forms and Documents	Manage Alerts	Contact Us		
Sent Mail - Delete Messages Verification						
Date			Sent From		Sent To	Subject
06/12/2020 07:08:20	DAM(ET)		1002572-ANKI	T1	100k	test
Delete Cancel						

Download Forms and Documents

- 1. Click Administration > Communications > Forms and Documents.
- Click the check box beside each document you want to download and then click Download.



Download Documents Page Sample







ALERTS

About Alerts

Alerts are messages that inform company users that a specific event has taken place.

Alert messages are displayed in Business Edge for 90 days, after which they are archived for three years. Alerts are not automatically deleted.

Alerts are delivered in Business Edge optionally through e-mail and SMS text (if available). Alerts are always sent to company users in their Business Edge mailbox. Company users can also have alerts delivered to their primary and/or secondary e-mail address and/or mobile telephone number (if applicable).

There are many alerts available to help companies reduce the risk of fraud stay on top of account, transaction, and user activity. The combination of user roles, services, and account entitlements determine the alerts available to company users. Messages are delivered throughout the day depending on the topic and when the information is available. Mandatory alerts notify company users of important events and cannot be turned off. Mandatory alerts appear with a check mark and cannot be deleted.

The *Manage Alerts* page provides a central area for company users to manage their alert subscriptions. It includes the following categories of alerts: Account Alerts, Non-account Alerts, Multiple Accounts, and Custom Alerts.

Account Alerts are divided into the following subcategories:

- Balance and Activity
- Transfer and Payment
- Account Reconciliation & Positive Pay
- Stop Payment
- Statement and Document
- Wire Transfer

Non-account alerts are not sub-categorized. Custom alerts are notifications that company users define and are ideal for setting up reminders for something such as payroll.

Business Edge offers two alerts services; basic and premium.





Read Received Alert Messages

- 1. Click Administration > Communications > Mail and Alerts.
- 2. Click the link in the **Subject** column for alert you want to view.

User Profile Activity Alert Page Sample

Communications							
Mail and Alert	s Sent Mail	Forms and Documents	Manage Alerts	Contact Us			
(Back	Received Alert Details						
Alert Information	n ⊗						
Alert Type:	ACH Approval Pend	ding					
Account:	*0110 - Checking						
Amount:	\$1.00						
Date Triggered:	04/15/2020 09:55:	15 AM (ET)					
A PPD Payment that requires approval was entered for account *0110 on 04/15/2020 09:55 AM (ET). For more information, contact Customer Support							

Subscribe to Account Alerts

- 1. Click Administration > Communications > Manage Alerts.
- 2. Click the Account Alerts tab.
- 3. Select an Account.



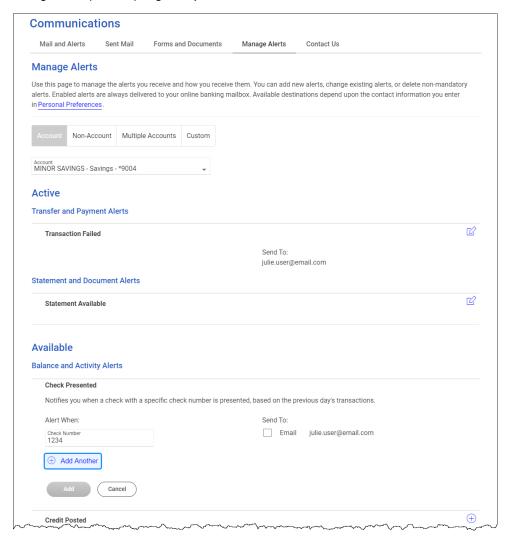


- 5. If applicable, enter alert criteria.
- Click the check box beside each **Send To** option to which you want the alert sent. The **Send To** option does not appear if an email or mobile telephone (if applicable) is not defined.
- Click Add.





Manage Alerts (Account) Page Sample



Subscribe to Non-account Alerts

- 1. Click Administration > Communications > Manage Alerts.
- Click the Non-Account tab.





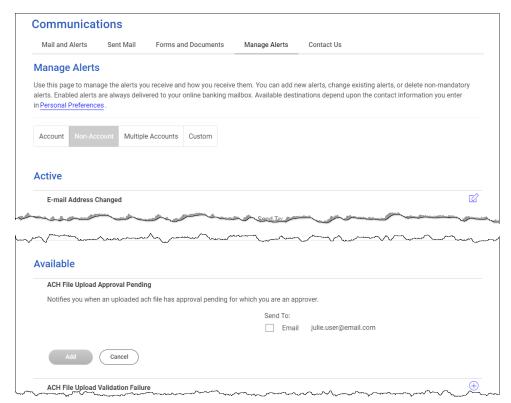
 Click the check box beside each **Send To** option to which you want the alert sent. The **Send To** option does not appear if an email or mobile telephone (if applicable) is not defined.





5. Click Add.

Manage Alerts (Non-Account) Page Sample



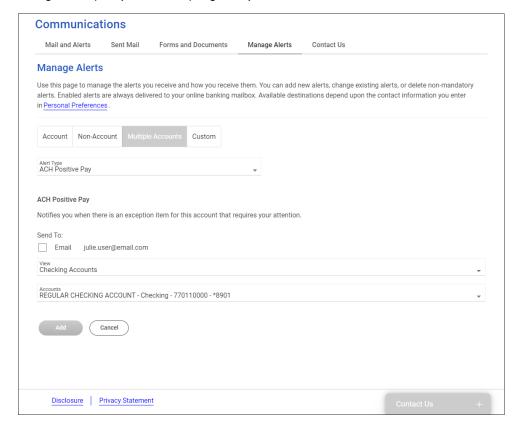
Subscribe to an Alert for Multiple Accounts

- 1. Click Administration > Communications > Manage Alerts.
- 2. Click the Multiple Accounts tab.
- Select an Alert Type. The table row expands, showing the alert description and delivery options.
- Click the check box beside each **Send To** option to which you want the alert sent. The **Send To** option does not appear if an email or mobile telephone (if applicable) is not defined.
- Click the View drop-down and select the account type you want to see in the Accounts drop-down.
- Click the **Accounts** drop-down and select all accounts or specific accounts and then click **Add**.





Manage Alerts (Multiple Accounts) Page Sample



Subscribe to Custom Alerts

- 1. Click Administration > Communications > Manage Alerts.
- 2. Click the **Custom** tab.
- 3. Click the Add New Alert link.
- 4. Type the **Subject** (up to 120 alphanumeric characters).
- 5. Type the **Alert Message** text.
- Select one or more **Send to** options.
- 7. Select a **Frequency**:

One time

Sends the alert once on a date in the future.

Weekly

Sends the alert on the same day each week. The date provided in the Next Send On field determines the day on which the alert is sent.



Every other week Sends the alert on the same day every other week. The date

provided in the **Next Send On** field determines the day on

which the alert is sent.

Twice a month the 15th and last day of the month Sends the alert on the 15th and last day of the month.

Monthly Sends the alert on the same date every month. The date

provided in the **Next Send On** field determines the day on

which the alert is sent.

Monthly - last day of the month

Sends the alert on the last day of each month.

Every three months

Sends the alert on the same day every three months. The date provided in the **Next Send On** field determines the day on

which the alert is sent.

Every three months - last day of the month

Sends the alert on the last day of the month, every three

months.

Every six months Sends the alert on same day every six months. The date

provided in the **Next Send On** field determines the day on

which the alert is sent.

Every six months - last day of the

month

Sends the alert on the last day of the month, every six months.

Yearly Sends the alert on the same date every year. The date provided

in the **Next Send On** field determines the day on which the alert

is sent.

Custom Sends the alert on unique **Send On** dates. At least one date is

required but up to 25 custom dates can be scheduled at one

time.

8. If applicable, type or select a **Next Send On** date.

9. If applicable, type or select an **End On** option:

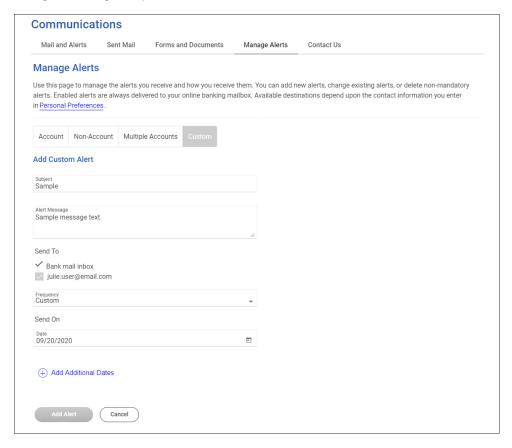
Continue indefinitely



- Continue until this date
- Continue for this many occurrences. Specify when you want to stop receiving the alert based on the number of times it is delivered.

10. Click Add Alert.

Manage Alerts Page Sample



Change Alert Subscriptions

- 1. Click Administration > Communications > Manage Alerts.
- Click the Account, Non-Account, or Custom tab.
- 3. For account alerts, select an **Account**.



4.



5. Change the alert as needed and then click **Save** or **Save Changes** (depending on the alert type).



Delete Alert Subscriptions

- 1. Click Administration > Communications > Manage alerts.
- 2. Click the **Account**, **Non-Account**, or **Custom** tab.
- 3. For account alerts, select an **Account**.
- For account and non-account alerts, click the delete icon ((×)) beside the alert

 4. subscription you want to delete. For custom alerts, click the more actions icon (•••) and then click **Delete**.

Account Alerts

Balance and Activity Alerts

Check Presented Alert

Notifies company users when a check with a specific check number is presented, based on the previous day's transactions.

The Check Presented alert is optional.

Requirements

Service	Role	Account Type	Account Entitlement
Information Reporting and one of the following:	N/A	Checking	Entitled Account

- Account Reports
- Deposit Reporting
 - Deposit Account Reporting

Credit Card Available Balance Less Than Alert

Notifies company users when an account balance is less than a specific dollar amount.

The Credit Card Available Balance Less Than alert is optional.





Requirements

Service	Role	Account Type	Account Entitlement
Credit Card Payment and/or Credit Card Reporting	N/A	Credit Card	Entitled Account

Credit Card Balance Nearing Limit Alert

Notifies company users when an account's balance is near its limit.

The Credit Card Balance Nearing Limit alert is optional.

Requirements

Service	Role	Account Type	Account Entitlement
Credit Card Payment and/or Credit Card Reporting	N/A	Credit Card	Entitled Account

Credit Card Credit Posted Alert

Notifies company users when an account is credited with funds.

The Credit Card Credit Posted alert is optional.

Requirements

Service	Role	Account Type	Account Entitlement
Credit Card Payment and/or Credit Card Reporting	N/A	Credit Card	Entitled Account

Credit Card Limit Reached Alert

Notifies company users when an account reaches or exceeds its limit.

The Credit Card Limit Reached alert is optional.





Requirements

Service	Role	Account Type	Account Entitlement
Credit Card Payment and/or Credit Card Reporting	N/A	Credit Card	Entitled Account





Credit Card Maximum Balance Alert

Notifies company users when an account's balance is above a specific dollar amount based on the previous day's transactions.

The Credit Card Maximum Balance alert is optional.

Requirements

Service	Role	Account Type	Account Entitlement
Credit Card Payment and/or Credit Card Reporting	N/A	Credit Card	Entitled Account

Credit Card Minimum Balance Alert

Notifies company users when an account's balance is below a specific dollar amount based on the previous day's transactions.

The Credit Card Minimum Balance alert is optional.

Requirements

Service	Role	Account Type	Account Entitlement
Credit Card Payment and/or Credit Card Reporting	N/A	Credit Card	Credit Card

Credit Card Transaction Exceeds Alert

Notifies company users when a transaction exceeds a specific dollar amount.

The Credit Card Transaction Exceeds alert is optional.

Requirements

Service	Role	Account Type	Account Entitlement
Credit Card Payment and/or Credit Card Reporting	N/A	Credit Card	Entitled Account





Credit Posted Alert

Notifies company users if a specific credit transaction with a specific amount posts, based on the previous day's transactions. An alert is sent for every transaction that matches the alert criteria.

The Credit Posted alert is optional.

Requirements

Service	Role	Account Type	Account Entitlement
Information Reporting and one of the following:	N/A	Checking	Entitled Account

- Account Reports
- Deposit Reporting
- Deposit Account Reporting

Debit Posted Alert

Notifies company users if a specific debit transaction with a specific amount posts, based on the previous day's transactions. An alert is sent for every transaction that matches the alert criteria.

The Debit Posted alert is optional.

Requirements

Service	Role	Account Type	Account Entitlement
Information Reporting and one of the following:	N/A	Checking	Entitled Account

- Account Reports
- Deposit Reporting
- Deposit Account Reporting





Maximum Balance Alert

Notifies company users daily when an account's balance is above the amount specified, based on the previous day's transactions.

The Maximum Balance alert is optional.

Note: This alert is based on the previous day ledger balance - BAI Code 15.

Requirements

Service	Role	Account Type	Account Entitlement
Information Reporting and one of the following:	N/A	Checking	Entitled Account

- Account Reports
- Deposit Reporting
- Deposit Account Reporting

Minimum Balance Alert

Notifies company users daily when an account's balance is below the amount specified, based on the previous day's transactions.

The Minimum Balance alert is optional.

Note: This alert is based on the previous day ledger balance - BAI Code 15.





Service	Role	Account Type	Account Entitlement
Information Reporting and one of the following:	N/A	Checking	Entitled Account

- Account Reports
- Deposit Reporting
- Deposit Account Reporting

Negative Balance Alert

Notifies company users daily when an account's balance becomes negative based on the previous day's transactions.

The Negative Balance alert is optional.

Requirements

Service	Role	Account Type	Account Entitlement
Information Reporting and one of the following:	N/A	Checking	Entitled Account

- Account Reports
- Deposit Reporting
- Deposit Account Reporting

Returned Deposited Items Alert

Notifies company users when a deposited item has been returned to one of their accounts. This alert is sent for each returned deposited check even if all the checks are for the same account.

The Returned Deposited Items alert is optional.





Service	Role	Account Type	Account Entitlement
Imaging Returns	N/A	Checking	Entitled Account





Transfer and Payment Alerts

ACH Approval Pending Alert

Notifies company users when an ACH transfer requires approval.

The ACH Approval Pending alert is optional.

Note: Company users receive this alert even if they have already provided an approval.

Service	Role	Account Type	Account Entitlement
Any of the following:	Approval	Checking or	Allow Transmit
 CCD Payment 		Savings	
 CCD Collection 			
Child Support Payment			
• CTX Payment			
CTX Collection			
• Federal Tax			
IAT Payment			
• IAT Collection			
State Tax			
STP 820 Payment			
TEL Collection			
WEB Collection			





ACH Template Activity Alert

Notifies company users when an ACH template is added, edited, or deleted.

The ACH Template Activity alert is optional.

Service	Role	Account Type	Account Entitlement
Any of the following:	Setup	Checking or Savings	Entitled Account
CCD Payment			
CCD Collection			
Child Support Payment			
CTX Payment			
• CTX Collection			
 Federal Tax 			
IAT Payment			
IAT Collection			
State Tax			
STP 820 Payment			
TEL Collection			
WEB Collection			





ACH Template Approval Pending Alert

Notifies company users when a request to add, edit, or delete an ACH template requires approval.

The ACH Template Approval Pending alert is optional.

Note: Company users receive this alert even if they have already provided an approval.

Troquii omonto			
Service	Role	Account Type	Account Entitlement
Any of the following:	Setup	Checking or Savings	Entitled Account
CCD Payment			
CCD Collection	l		
Child Support F	Payment		
 CTX Payment 			

- 071/0 11 /1
- CTX Collection
- Federal Tax
- IAT Payment
- IAT Collection
- State Tax
- STP 820 Payment
- TEL Collection
- WEB Collection





ACH Transaction Approval Reminder Alert

Notifies company users about ACH transactions that are still pending approval 30 minutes before the processing window closes.

The ACH Transaction Approval Reminder alert is optional.

Note: Company users receive one alert per pending ACH transaction.

Service	Role	Account Type	Account Entitlement
Any of the following:	Approval	Checking or	Allow Transmit
 CCD Payment 		Savings	
CCD Collection			
 Child Support Payment 			
CTX Payment			
• CTX Collection			
• Federal Tax			
IAT Payment			
IAT Collection			
State Tax			
STP 820 Payment			
TEL Collection			
WEB Collection			





Credit Card Payment Approval Pending Alert

Notifies company users when a credit card payment requires approval.

The Credit Card Payment Approval Pending alert is optional.

Note: Company users receive this alert even if they have already provided an approval.

Requirements

Service	Role	Account Type	Account Entitlement
Credit Card Payment	Approval	Credit Card	Allow Transmit

Credit Card Payment Due Alert

Notifies company users a specific number of days before a credit card payment is due.

The Credit Card Payment Due alert is optional.

Requirements

Service	Role	Account Type	Account Entitlement
Credit Card Payment	N/A	Credit Card	Entitled Account

Internal Transfer Approval Pending Alert

Notifies company users when a transfer between accounts held at their financial institution requires approval.

The Internal Transfer Approval Pending alert is optional.

Note: Company users receive this alert even if they have already provided an approval.

Service	Role	Account Type	Account Entitlement
Internal Transfer	Approval	Savings or Checking	Allow Transmit





Escrow Account Transfer Approval Pending Alert

Notifies company users when a transfer between their main escrow account and owned sub accounts requires approval.

The Escrow Account Transfer Approval Pending alert is optional.

Note: Company users receive this alert even if they have already provided an approval.

Requirements

Service	Role	Account Type	Account Entitlement
Escrow Account Transfer	Approval	Checking	Allow Transmit

External Transfer Approval Pending Alert

Notifies company users when a transfer between an account in their financial organization and an external account requires approval.

The External Transfer Approval Pending alert is optional.

Note: Company users receive this alert even if they have already provided an approval.

Service	Role	Account Type	Account Entitlement
External Transfer	Approval	Savings or Checking	Allow Transmit





Loan Advance Approval Pending Alert

Notifies company users when an advance on a loan requires approval.

The Loan Advance Approval Pending alert is optional.

Note: Company users receive this alert even if they have already provided an approval.

Requirements

Service	Role	Account Type	Account Entitlement
Loan and Loan Advance	Approval	Loan	Allow Transmit

Loan Payment Approval Pending Alert

Notifies company users when a loan payment is pending approval.

The Loan Payment Approval Pending alert is optional.

Note: Company users receive this alert even if they have already provided an approval.

Requirements

Service	Role	Account Type	Account Entitlement
Loan and Loan Payment	Approval	Loan	Allow Transmit

Multiple Account Transfer Approval Pending Alert

Notifies company users when a transfer from/to multiple accounts requires approval.

The Multiple Account Transfer Approval Pending alert is optional.

Note: Company users receive this alert even if they have already provided an approval.

Service	Role	Account Type	Account Entitlement
Multiple Account Transfer	Approval	Savings or Checking	Allow Transmit





Multiple Account Transfer Template Activity Alert

Notifies company users when a Multiple Account Transfer template is added, edited, or deleted.

The Multiple Account Transfer Template Activity alert is optional.

Requirements

Service	Role	Account Type	Account Entitlement
Multiple Account Transfer	Setup	Checking or Savings	Entitled From Account

Multiple Account Transfer Template Approval Pending Alert

Notifies company users when a request to add, edit, or delete a Multiple Account Transfer template requires approval.

The Multiple Account Transfer Template Approval Pending alert is optional.

Note: Company users receive this alert even if they have already provided an approval.

Requirements

Service	Role	Account Type	Account Entitlement
Multiple Account Transfer	Setup	Checking or Savings	Entitled From Account

Outgoing ACH Transaction Approved Alert

Notifies company users when the status of an outgoing ACH transaction from the selected account changes.

The Outgoing ACH Transaction Status Changed alert is optional.





Service	Role	Account Type	Account Entitlement
Any of the following:	N/A	Checking or Savings	Entitled Account

- CCD Payment
- CCD Collection
- Child Support Payment
- CTX Payment
- CTX Collection
- Federal Tax
- IAT Payment
- IAT Collection
- State Tax
- STP 820 Payment
- TEL Collection
- WEB Collection

Scheduled ACH Approval Pending Alert

Notifies company users when a scheduled ACH request requires approval.

The Scheduled ACH Approval Pending alert is optional.

Note: Company users receive this alert even if they have already provided an approval.





<u> </u>				
Service		Role	Account Type	Account Entitlement
Any of the	Any of the following:		Checking or	Allow Transmit
•	CCD Payment		Savings	
•	CCD Collection			
•	Child Support Payment			
•	CTX Payment			
•	CTX Collection			
•	Federal Tax			
•	IAT Payment			
•	IAT Collection			
•	State Tax			
•	STP 820 Payment			
•	TEL Collection			

Scheduled Credit Card Payment Approval Pending Alert

WEB Collection

Notifies company users when a scheduled credit card payment requires approval.

The Scheduled Credit Card Payment Approval Pending alert is optional.

Note: Company users receive this alert even if they have already provided an approval.





Service	Role	Account Type	Account Entitlement
Credit Card Payment	Approval	Credit Card	Allow Transmit

Scheduled Escrow Transfer Approval Pending Alert

Notifies company users when a scheduled escrow transfer requires approval.

The Scheduled Escrow Transfer Approval Pending alert is optional.

Note: Company users receive this alert even if they have already provided an approval.

Requirements

Service	Role	Account Type	Account Entitlement
Escrow Account Transfer	Approval	Checking	Allow Transmit

Scheduled External Transfer Approval Pending Alert

Notifies company users when a scheduled transfer between an account in their financial institution and an external account is pending approval.

The Scheduled External Transfer Approval Pending alert is optional.

Note: Company users receive this alert even if they have already provided an approval.

Requirements

Service	Role	Account Type	Account Entitlement
External Transfer	Approval	Checking	Allow Transmit

Scheduled Internal Transfer Approval Pending Alert

Notifies company users when a scheduled transfer between accounts held at their financial organization requires approval.

The Scheduled Internal Transfer Approval Pending alert is optional.





Note: Company users receive this alert even if they have already provided an approval.

Requirements

Service	Role	Account Type	Account Entitlement
Internal Transfer	Approval	Checking	Allow Transmit

Scheduled Loan Payment Approval Pending Alert

Notifies company users when a scheduled loan payment requires approval.

The Scheduled Loan Payment Approval Pending alert is optional.

Note: Company users receive this alert even if they have already provided an approval.

Requirements

Service	Role	Account Type	Account Entitlement
Loan and Loan Payment	Approval	Checking	Allow Transmit

Scheduled Multiple Account Transfer Approval Pending Alert

Notifies company users when a scheduled transfer to/from multiple accounts requires approval.

The Scheduled Multiple Account Transfer Approval Pending alert is optional.

Note: Company users receive this alert even if they have already provided an approval.

Requirements

Service	Role	Account Type	Account Entitlement
Multiple Account Transfer	Approval	Checking	Allow Transmit

Transaction Failed Alert

Notifies company users when a transfer request from an account fails to process.

The Transaction Failed alert is mandatory.



Business **EDGE**

Note:

For future-dated wire transfers, the alert is generated when the final approval is received in Business Edge and the transfer is transmitted to the financial institution.

Service	Role	Account Type	Account Entitlement
CCD Payment	Approval	Checking or Savings	Allow Transmit
CCD Collection	Approval	Checking or Savings	Allow Transmit
Child Support Payment	Approval	Checking or Savings	Allow Transmit
Credit Card Payments	Approval	Checking or Savings	Allow Transmit
CTX Payment	Approval	Checking or Savings	Allow Transmit
CTX Collection	Approval	Checking or Savings	Allow Transmit
External Transfer	Approval	Checking or Savings	Allow Transmit
Escrow Transfer	Approval	Checking	Allow Transmit
Federal Tax	Approval	Checking or Savings	Allow Transmit
IAT Payment	Approval	Checking or Savings	Allow Transmit
IAT Collection	Approval	Checking or Savings	Allow Transmit
Internal Transfer	Approval	Checking or Savings	Allow Transmit
Loan Advance	Approval	Loan	Allow Transmit
Loan Payment	Approval	Loan	Allow Transmit
Multiple Account Transfer	Approval	Checking or Savings	Allow Transmit
State Tax	Approval	Checking or Savings	Allow Transmit



Business **EDGE**

Service	Role	Account Type	Account Entitlement
STP 820 Payment	Approval	Checking or Savings	Allow Transmit
TEL Collection	Approval	Checking or Savings	Allow Transmit
WEB Collection	Approval	Checking or Savings	Allow Transmit
Wire Domestic Template Based	Approval	Checking or Savings	Allow Transmit
Wire Domestic One Time	Approval	Checking or Savings	Allow Transmit
Wire Domestic Template Based	Approval	Checking or Savings	Allow Transmit
Wire File Import	Approval	Checking or Savings	Allow Transmit
Wire File Upload	Approval	Checking or Savings	Allow Transmit
Wire FX Intl One Time	Approval	Checking or Savings	Allow Transmit
Wire FX Intl Template Based	Approval	Checking or Savings	Allow Transmit
Wire USD Intl One Time	Approval	Checking or Savings	Allow Transmit
Wire USD Intl Template Based	Approval	Checking or Savings	Allow Transmit

Wire Transfer Alerts

Incoming Wire Report Available Alert

Notifies company users when an incoming wire report is available.

The Incoming Wire Report Available alert is optional.





Service	Role	Account Type	Account Entitlement
Incoming Wire Report with Information Reporting and any one of the following:	Approval	Checking	Entitled Account

- Account Reports
- Deposit Reporting
- Deposit Account Reporting

Outgoing Wire Status Change Alert

Notifies company users when the status of an outgoing wire from a specific account changes.

The Outgoing Wire Status Change alert is optional.

Service	Role	Account Type	Account Entitlement
Any one of the following:	N/A	Checking or	Entitled Account
Wire Domestic C	One Time	Savings	
 Wire Domestic T Based 	emplate		
Wire File Upload	I		
Wire FX Intl One	Time		
Wire FX Intl Tem Based	plate		
Wire USD Intl On	ie Time		
 Wire USD Intl Te Based 	mplate		





Scheduled Wire Transfer Approval Pending Alert

Notifies company users when a scheduled wire transfer requires approval.

The Scheduled Wire Transfer Approval Pending alert is optional.

Note: Company users receive this alert even if they have already provided an approval.

Requirements

requiren	icitis			
Service		Role	Account Type	Account Entitlement
Any one	of the following:	Approval	Checking or	Allow Transmit
•	Wire Domestic One Time		Savings	
•	Wire Domestic Template Based			
•	Wire File Upload			
•	Wire FX Intl One Time			

Wire USD Intl One Time

Based

Wire FX Intl Template

Wire USD Intl Template
 Based

Wire Transaction Approval Reminder Alert

Notifies company users about wire transactions that are still pending approval 30 minutes before the processing window closes. If a closing time is not defined then the alerts are generated at 11:30 PM (ET).

The Wire Transaction Approval Reminder alert is optional.

Note: Company users receive one alert per pending wire transaction.





Service	Role	Account Type	Account Entitlement
Any one of the following:	Approval	Checking or	Allow Transmit
Wire Domestic One Time	Savings ne		
Wire Domestic Template Based			
Wire File Import			
Wire FX Intl One Time			
 Wire FX Intl Template Based 			
Wire USD Intl One Time			
Wire USD Intl Template Based			

Wire Transfer Approval Pending Alert

Notifies company users when a wire transfer requires approval.

The Wire Transfer Approval Pending alert is optional.

Note: Company users receive this alert even if they have already provided an approval.





Service	Role	Account Type	Account Entitlement
Any one of the following:	Approval	Checking or	Allow Transmit
Wire Domestic One Time	e	Savings	
Wire Domestic Template Based			
Wire File Import			
Wire File Upload			
Wire FX Intl One Time			
 Wire FX Intl Template Based 			
Wire USD Intl One Time			
Wire USD Intl Template Based			

Wire Transfer Deleted Alert

Notifies company users when a wire is deleted.

The Wire Transfer Deleted alert is optional.





Service	Role	Account Type	Account Entitlement
Any one of the following:	N/A	Checking or	Entitled Account
Wire Domestic One Time		Savings	
 Wire Domestic Template Based 			
Wire File Import			
Wire File Upload			
Wire FX Intl One Time			
 Wire FX Intl Template Based 			
Wire USD Intl One Time			
 Wire USD Intl Template Based 			

Wire Transfer Returned For Corrections Alert

Notifies company users when a wire transfer is returned by another user for corrections.

The Wire Transfer Returned For Corrections alert is optional.





Service		Role	Account Type	Account Entitlement
Any one of the following:		N/A	Checking or	Entitled Account
•	Wire Domestic One Time		Savings	
•	Wire Domestic Template Based			
•	Wire File Import			
•	Wire File Upload			
•	Wire FX Intl One Time			
•	Wire FX Intl Template Based			
•	Wire USD Intl One Time			
•	Wire USD Intl Template Based			

Wire Transfer Template Activity Alert

Notifies company users when a wire transfer template is added, edited, or deleted.

The Wire Transfer Template Activity alert is optional.





Service	Role	Account Type	Account Entitlement
Any one of the following:	Setup	Checking or	Entitled Account
Wire Domestic 0	One Time	Savings	
 Wire Domestic 1 Based 	Template		
Wire FX Intl One	Time		
 Wire FX Intl Tem Based 	nplate		
Wire USD Intl Or	ne Time		
Wire USD Intl Te Based	emplate		

Wire Transfer Template Approval Pending Alert

Notifies company users when a request to add, edit, or delete a wire transfer template requires approval.

The Wire Transfer Template Approval Pending alert is optional.

Note: Company users receive this alert even if they have already provided an approval.





Service		Role	Account Type	Account Entitlement
Any one of the following:		Setup	Checking or	Entitled Account
• Wir	e Domestic One Time		Savings	
• Wir Bas	re Domestic Template sed			
• Wir	e FX Intl One Time			
• Wir Bas	re FX Intl Template sed			
• Wir	e USD Intl One Time			
• Wir Bas	e USD Intl Template			

Account Reconciliation & Positive Pay Alerts

Account Reconciliation Alert

Notifies company users when the Account Reconciliation Statement Report is generated.

The Account Reconciliation alert is optional.

Service	Role	Account Type	Account Entitlement
Full Account Recon	N/A	Checking	Allow Entry





Account Reconciliation Statement Report Delay Alert

Notifies company users when the Account Reconciliation Statement Report is delayed.

The Account Reconciliation Statement Report Delay alert is mandatory.

Requirements

Service	Role	Account Type	Account Entitlement
Full Account Recon	N/A	Checking	Allow Entry

Account Stale Date Alert

Notifies company users when the stale date setting for an account is changed.

The Account Stale Date alert is optional.

Requirements

Service	Role	Account Type	Account Entitlement
Full Account Recon	Administration	Checking	Allow Entry
Positive Pay	Administration	Checking	Entitled Account

ACH Positive Pay Alert

Notifies company users when an exception item requires attention.

The ACH Positive Pay alert is optional.

Requirements

Service	Role	Account Type	Account Entitlement
ACH Positive Pay	N/A	Checking	Entitled Account

ACH Positive Pay Exception Reminder Alert

Notifies company users an hour before the close of their exception decision window that there are ACH exception items without decisions. The exception decision window is listed on the *Manage Exceptions* page.

The ACH Positive Pay Exception Reminder alert is optional.





Service	Role	Account Type	Account Entitlement
ACH Positive Pay	N/A	Checking	Entitled Account

Check Issue Approval Pending Alert

Notifies company users when a check issue requires approval.

The Check Issue Approval Pending alert is optional.

Note: Company users receive this alert even if they have already provided an approval.

Requirements

Service	Role	Account Type	Account Entitlement
Positive Pay and Positive Pay Issue Maintenance	Approval	Checking	Entitled Account (for Positive Pay) and Allow Approve (for Positive Pay Issue Maintenance)
Full Account Recon	Approval	Checking	Allow Approve

Positive Pay Alert

Notifies company users when an exception item requires their attention.

The Positive Pay alert is optional.

Service	Role	Account Type	Account Entitlement
Positive Pay	N/A	Checking	Entitled Account





Positive Pay Exception Reminder Alert

Notifies company users an hour before the close of their exception decision window that there are exception items without decisions.

The Positive Pay Exception Reminder alert is optional.

Requirements

Service	Role	Account Type	Account Entitlement
Positive Pay	N/A	Checking	Entitled Account

Reverse Positive Pay Alert

Notifies company users when an exception item requires their attention.

The Reverse Positive Pay alert is optional.

Requirements

Service	Role	Account Type	Account Entitlement
Reverse Positive Pay	N/A	Checking	Allow View

Reverse Positive Pay Exception Reminder Alert

Notifies company users an hour before the close of their exception decision window that there are exception items without decisions.

The Reverse Positive Pay Exception Reminder alert is optional.

Service	Role	Account Type	Account Entitlement
Reverse Positive Pay	N/A	Checking	Allow View





Stop Payment

Stop Payment Alert

Notifies company users when a stop payment is requested.

The Stop Payment alert is optional.

Requirements

Service	Role	Account Type	Account Entitlement
Stop Payment	N/A	Checking	Entitled Account

Stop Payment Cancellation Alert

Notifies company users when a request to stop a payment is cancelled.

The Stop Payment Cancellation alert is optional.

Requirements

Service	Role	Account Type	Account Entitlement
Stop Payment	N/A	Checking	Entitled Account

Statement and Document Alerts

Statements Available Alert

Notifies company users when an online statement is available for viewing.

The Statements Available alert is mandatory for company users who have the Administration role.

Service	Role	Account Type	Account Entitlement
Statements and Documents	N/A	Analysis, Checking, Certificate of Deposit, Loan or Savings	Entitled Account





Notice Available Alert

Notifies company users when a notice is available.

The Notice Available alert is mandatory for company users with the Administration role.

Requirements

Service	Role	Account Type	Account Entitlement
Statements and Documents	N/A	Analysis, Checking, Certificate of Deposit, Loan or Savings	Entitled Account

Non-account Alerts

Account Closure Alert

Notifies company users when a checking or savings account is unavailable for use.

The Account Closure alert is optional.

Requirements

Service	Role	Account Type	Account Entitlement
N/A	Administration	N/A	N/A

Account Management Request Submitted Alert

Notifies company users when an account management request has been submitted.

The Account Management Request Submitted alert is mandatory.

Service	Role	Request Type	Entitlement
Account Management	N/A	Open, Modify, and/or Close	N/A





Account Management Request Completed Alert

Notifies company users when an account management request has been completed.

The Account Management Request Completed alert is mandatory.

Requirements

Service	Role	Request Type	Entitlement
Account Management	N/A	Open, Modify, and/or Close	N/A

Account Management Request Pending Approval

Notifies company users when an account management request requires approval.

The Account Management Request Pending Approval alert is mandatory.

Note: Company users receive this alert even if they have already provided an approval.

Requirements

Service	Role	Request Type	Entitlement
Account Management	N/A	Open, Modify, and/or Close	N/A

Account Management Request Completed Alert

Notifies company users when an account management request requires action by the user who submitted the request.

The Account Management Request Awaiting Action alert is mandatory.

Service	Role	Request Type	Entitlement
Account Management	N/A	Open, Modify, and/or Close	N/A





Account Management Request Canceled

Notifies company users when an account management request is canceled.

The Account Management Request Canceled alert is mandatory.

Requirements

Service	Role	Request Type	Entitlement
Account Management	N/A	Open, Modify, and/or Close	N/A

Account Management Request Rejected Alert

Notifies company users when an account management request is rejected.

The Account Management Request Rejected alert is mandatory.

Requirements

Service	Role	Request Type	Entitlement
Account Management	N/A	Open, Modify, and/or Close	N/A

ACH File Upload Approval Pending Alert

Notifies company users when an uploaded ACH file requires approval.

The ACH File Upload Approval Pending alert is optional.

Note: Company users receive this alert even if they have already provided an approval.

Service	Role	Account Type	Account Entitlement
ACH File Upload	Approval	N/A	N/A





ACH File Upload Validation Failure Alert

Notifies company users when an uploaded ACH file fails validation.

The ACH File Upload Validation Failure alert is optional.

Service	Role	Account Type	Account Entitlement
ACH File Upload	N/A	N/A	N/A





ACH Notice of Change Received Alert

Notifies company users when an ACH Notice of Change file is received.

The ACH Notice of Change Received alert is optional.

Service	Role	Account Type	Account Entitlement
ACH Reporting and any one of the following services:	Setup	N/A	N/A

- ACH File Upload
- CCD Collection
- CCD Payment
- CTX Collection
- CTX Payment
- Federal Tax
- PPD Collection
- PPD Payment
- State Tax
- STP 820 Payment
- TEL Collection
- WEB Collection





ACH Returns Report Available Alert

Notifies company users when an ACH Returns report is available.

The ACH Returns Report Available alert is optional.

Requirements

Service	Role	Account Type	Account Entitlement
ACH Reporting	N/A	N/A	N/A

Company Stale Date Alert

Notifies company users when their company's stale date setting is changed.

The Company Stale Date alert is optional.

Requirements

Service	Role	Account Type	Account Entitlement
Positive Pay or Full Account Recon	Administration	N/A	N/A

Decision File Approval Pending Alert

Notifies company users when a decision file requires approval.

The Decision File Approval Pending alert is optional.

Note: Company users receive this alert even if they have already provided an approval.

Service	Role	Account Type	Account Entitlement
Positive Pay or Reverse Positive Pay	Approval	N/A	N/A





Decision File Import Completed With Errors Alert

Notifies company users when a decision file is imported with errors.

The Decision File Import Completed With Errors alert is optional.

Requirements

Service	Role	Account Type	Account Entitlement
Positive Pay or Reverse Positive Pay	N/A	N/A	N/A

Decision File Import Failed Alert

Notifies company users when a decision file fails to import because the format is incorrect.

The Decision File Import Failed alert is optional.

Requirements

Service	Role	Account Type	Account Entitlement
Positive Pay	N/A	N/A	N/A

E-mail Address Changed Alert

Notifies company users when their e-mail address is changed.

The E-mail Address Changed alert is mandatory.

Service	Role	Account Type	Account Entitlement
N/A	N/A	N/A	N/A





File Available for Download

Notifies company users when a new file is available for download.

The File Available for Download alert is optional.

Requirements

Service	Role	Account Type	Report Entitlement
File Download (Downloadable Reports)	N/A	N/A	Receive

Help Alert

An automatic response sent to company users who request help from their mobile device.

The Help alert is mandatory.

Requirements

Service	Role	Account Type	Account Entitlement
N/A	N/A	N/A	N/A

Issue File Approval Pending Alert

Notifies company users when an issue file is pending approval.

The Issue File Approval Pending alert is optional.

Note: Company users receive this alert even if they have already provided an approval.

Service	Role	Account Type	Account Entitlement
Full Account Recon or Positive Pay	Approval	N/A	N/A





Issue File FTP Completed with Errors Alert

Notifies company users when a check issue file is transmitted through file transfer protocol (FTP) but has errors.

The Issue File FTP Completed with Errors alert is optional.

Requirements

Service	Role	Account Type	Account Entitlement
Full Account Recon or Positive Pay	N/A	N/A	N/A

Issue File FTP Completed with Notes Alert

Notifies company users when a check issue file is transmitted through file transfer protocol (FTP) and provides details for some records in the file. For example, when a record is successfully uploaded but has a zero dollar amount.

The Issue File FTP Completed with Notes alert is optional.

Requirements

Service	Role	Account Type	Account Entitlement
Full Account Recon or Positive Pay	N/A	N/A	N/A

Issue File FTP Failed Alert

Notifies company users when a check issue file fails to transmit through File Transfer Protocol (FTP).

The Issue File FTP Failed alert is optional.

Service	Role	Account Type	Account Entitlement
Full Account Recon or Positive Pay		N/A	N/A





Issue File FTP Successful Alert

Notifies company users when a check issue file is successfully transmitted through File Transfer Protocol (FTP).

The Issue File FTP Successful alert is optional.

Requirements

Service	Role	Account Type	Account Entitlement
Full Account Recon or Positive Pay	N/A	N/A	N/A

Issue File Import Completed With Errors Alert

Notifies company users when an issue file is imported with errors.

The Issue File Import Completed With Errors alert is optional.

Requirements

Service	Role	Account Type	Account Entitlement
Full Account Recon or Positive Pay	N/A	N/A	N/A

Issue File Import Failed Alert

Notifies company users when an issue file fails to import because the format is incorrect.

The Issue File Import Failed alert is optional.

Service	Role	Account Type	Account Entitlement
Full Account Recon or Positive Pay	N/A	N/A	N/A





New Balance Account Alert

Notifies company users daily when a new account is available.

The New Balance Account alert is optional.

Requirements

Service	Role	Account Type	Account Entitlement
N/A	N/A	N/A	N/A

Password Changed Alert

Notifies company users when a user's password is successfully changed.

The Password Changed alert is mandatory.

Requirements

Service	Role	Account Type	Account Entitlement
N/A	N/A	N/A	N/A

Stop/SMS Opt Out Alert

Confirmation message for users who opt out of receiving text message alerts.

The Stop/SMS Opt Out alert is mandatory.

Service	Role	Account Type	Account Entitlement
N/A	N/A	N/A	N/A





Telephone Number Changed Alert

Notifies company users when they add or change a telephone number.

The Telephone Number Changed alert is mandatory.

Requirements

Service	Role	Account Type	Account Entitlement
N/A	N/A	N/A	N/A

Updated User Entitlements Alert

Notifies company users when their service entitlements have changed.

The Updated User Entitlements alert is optional.

Requirements

Service	Role	Account Type	Account Entitlement
N/A	N/A	N/A	N/A

User Profile Activity Alert

Notifies a company's administrator when a company user profile is added, changed, or deleted by another company administrator.

The User Profile Activity alert is optional.

Service	Role	Account Type	Account Entitlement
N/A	Administration	N/A	N/A





User Profile Approval Pending Alert

Notifies a company's administrator when a request to add, change, or delete a company user profile requires approval.

The User Profile Approval Pending alert is optional.

Note: Company users receive this alert even if they have already provided an approval.

Requirements

Service	Role	Account Type	Account Entitlement
N/A	Administration	N/A	N/A

User Telephone Number Changed Alert

Notifies company administrators when another company user changes their telephone number.

The User Telephone Number Changed alert is optional.

Requirements

Service	Role	Account Type	Account Entitlement
N/A	Administration	N/A	N/A

Welcome/SMS Opt In Alert

Welcome message for company users who opt in for SMS message alerts.

The Welcome/SMS Opt In alert is mandatory.

Service	Role	Account Type	Account Entitlement
N/A	N/A	N/A	N/A





SELF ADMINISTRATION

Change a Password - Company Users

Change the password you use to access Business Edge. Company users can change their own password once per day.

- 1. Click Administration > Self Administration > Change Password.
- 2. Complete the following fields:

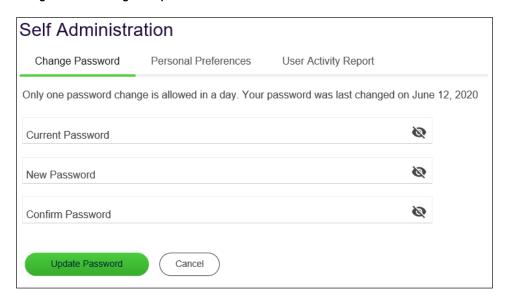
Current Password Your existing password.

New Password Create a password following the Company User

Password Requirements.

Confirm Password The password typed into the **New Password** field.

Change Password Page Sample



3. Click Update Password





Locked Passwords

Company users with a locked or inactive status can reset their own password during their sign on to Business Edge. Company users can change their own password once per day.

A locked user is someone who has entered their password incorrectly three times consecutively. An inactive user is someone who has not signed on to Business Edge for 90 days (or 10 days with a temporary password).

Note:

This function might not be available to some company users. A company user who is locked by a company administrator cannot unlock themselves.

If your Business Edge is locked or inactive, a *Locked Password* page is displayed during your sign-on.

Locked Password Page Sample



Clicking **Continue** takes a company user through the authentication step (described in <u>Sign On</u> <u>- Company Users</u> section of this document) and then to a page where their password can be reset.

Change My E-mail Addresses - Company Users

- 1. Click Administration > Self Administration > Personal Preferences.
- 2. Click the edit icon () beside the email address you want to change.
- 3. Change the **Primary Email Address** and/or **Secondary Email Address** as needed. Up to 100 alphanumeric characters are allowed.
- 4. Click Update.



Add My Telephone Numbers - Company Users

All users are required to have at least one telephone number. Up to six phone numbers are allowed.

- 1. Click Administration > Self Administration > Personal Preferences
- 2. Click the **Add** link. This link does not appear if you have six telephone numbers defined.
- 3. Complete the following fields:

Phone Type	Home, Work, Wor	(2. Mobile, Mobile2	and Other . Each type
------------	-----------------	---------------------	------------------------------

can be used once.

If enabled for your company, domestic mobile telephone

numbers can be used to receive alert notifications. Message and

data rates may apply; see your carrier for details.

Country/Region The numeric country code associated with the telephone

number. Select from a list of country names. These are mapped

to the appropriate one to three-digit country code.

Telephone Number The telephone number (up to 30 characters).

Extension (optional)

For **Work** and **Work 2**. Required when an extension is needed to reach the user within an office phone system. Up to 16 numeric

characters are allowed.

Some phone systems require entry of additional characters, often referred to as control codes, to reach an extension. The following control codes are allowed: Pound (#), Star (*), Comma (short pause - approximately 2 seconds), Period (long pause - approximately 5 seconds).

Multiple comma and period characters can be placed before or after an extension to add pause time during system generated calls that are made to users for the purpose of validating their information.

For example, . . 12345. This example extension has a 10 second pause time before the extension and a 5 second pause time after. During a system generated call, the system waits 10 seconds before dialing the extension and waits 5 seconds after it





dials before playing an affirmation message such as "Hello.

This is Example Bank. Please press 1 to...".

4. If available, click the **Use With Alerts** option beside a mobile phone number so it appears as a delivery option for the alerts that are available for SMS/text message delivery. This option can only be assigned to one mobile device at a time.

Note: A welcome message is sent to the selected mobile number after you set up your first alert for SMS/text delivery.

5. Click Add.

If your company requires multiple approvals for Administration, the user profile is submitted for approval by other Administrators in your company

Change Telephone Numbers - Company Users

All users are required to have at least one telephone number. Users can choose to have up to six phone numbers.

- 1. Click Administration > Self Administration > Contact Preferences.
- 2. Click the edit icon () link beside the number you want to change.
- Change the telephone number as needed and then click **Update**.
 If your company requires multiple approvals for Administration, the user profile is submitted for approval by other Administrators in your company.

Delete Telephone Numbers - Company Users

Click Administration > Self Administration > Personal Preferences.

2.

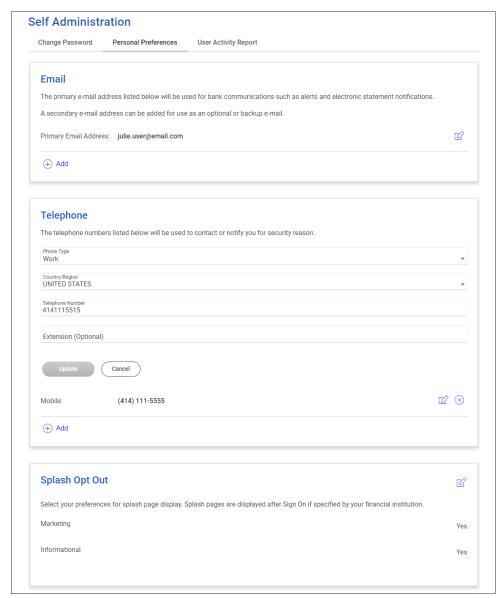
Note: The delete icon does not appear if only one telephone number is set up.

a. If you selected to delete a mobile number that is set up to receive text message alerts click **Delete**.





Personal Preferences Page Sample



Stop Text Message Delivery from a Mobile Device

1. Reply with stop to any text message alert you receive.



Re-enroll a Mobile Device for Text Message Delivery

If you have stopped SMS/text message delivery to your mobile device you can re-enroll it by completing the steps in this task.

- 1. Delete the mobile phone number.
- 2. Re-add the mobile phone number.

Note: Ensure you select the Use With Alerts option when re-adding the domestic mobile phone number. This option can only be assigned to one mobile device at a time.

3. <u>Change your alert subscriptions</u> so that one or more alerts are set up to be delivered to the mobile phone number.

Supported Telephone Control Codes

Telephone control codes can be used for companies that do not allow direct dialing of an extension.

For example, if the phone system plays a message and requires pressing the pound key (#) to reach an extension, you can account for the message and pound key by including the appropriate control codes. The following control codes are allowed:

- Digits 0-9
- Pound (#)
- Star (*)
- Comma (,) short pause (about 2 seconds)
- Period (.) long pause (about 5 seconds)

Control codes are not masked or hidden. Extensions continue to be preceded by the "x" character, with no spaces; example: (414) 286-2489 x,#..00000

Opt In/Out of Splash Pages

If enabled for the company, users can decide if they want to receive informational and/or marketing splash pages.



- 1. Click Administration > Self Administration > Personal Preferences.
- 2. Click the edit icon (\bigcirc) in the **Splash Opt Out** section.
- 3. Do one of the following:Click the slide toggle () so it changes to **No** for the splash page type you no longer want to receive.

Opt in to splash pages

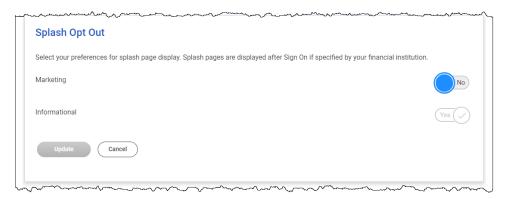
Click the slide toggle () so it changes to **No** for the splash page type you want to receive.

Opt out of splash pages

Click the slide toggle () so it changes to **Yes** for the splash page type you no longer want to receive.

4. Click Update.

Personal Preferences Page Sample

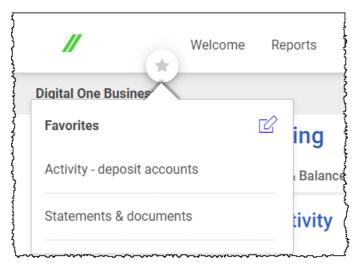


About Favorites

Favorites are hyperlinks to frequently used pages (up to five pages). A company user's entitlements determine the pages available for selection.



Favorites Sample



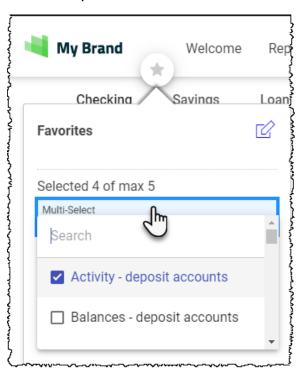




Add Favorites

- 1. Click the star icon () displayed by the main navigation menu.
- 2. Click the **Multi-Select** drop-down and click the check box beside each page you want to add as a favorite. You can also find a page by typing the name into the **Search** field.
- 3. Click someplace outside of the **Multi-Select** drop-down and then click **Update**.

Favorites Sample



Delete Favorites

- 1. Click the star icon () displayed by the main navigation menu.
- 2. Click the edit icon () beside the **Favorites** heading.
- $^{3.}$ Click the delete icon (\bigotimes) beside the favorite you want to delete.





View Activity - Company Users

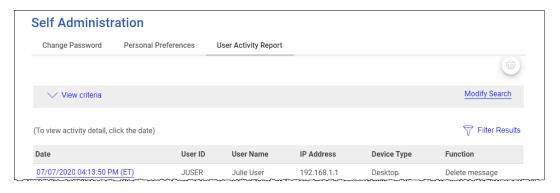
Company users who have the Administration role can view activity for all users. Company users who do not have the Administration role can only view their own activity.

- 1. Click Administration > Self Administration > User Activity Report.
- 2. Complete the following fields:

Output To	Screen (HTML) or CSV.	
Function	The actions taken by the user. Service entitlements determine the functions available for selection.	
User ID (if	All Users - Include all users in the company.	
available)	Enter User ID - Type the ID of a specific user in the company.	
	Specific User - Select the user ID from the associated dropdown list.	
Date	Specific Date - Selected by default and defaults to the current date.	
	Date Range - Select or type from and to dates.	

3. Click Generate Report

User Activity Report Page Sample







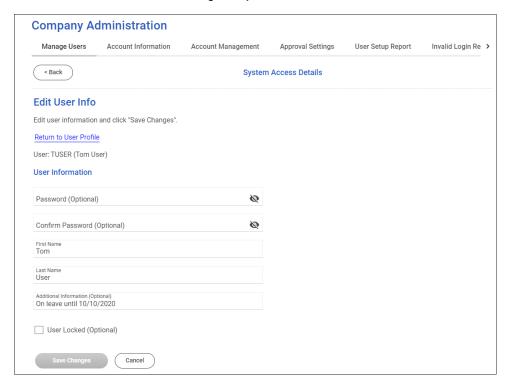
COMPANY ADMINISTRATION

Unlock a Company User

Unlock a user's Business Edge account.

- 1. Click Administration > Company Administration > Manage Users.
- 2. Click the **System Access** link beside the user whose account you want to unlock.
- 3. Clear the **User Locked** check box and then click **Save Changes**.
- 4. If applicable, contact your financial institution to have the company user's token PIN reset.

User Profile - Edit User Information Page Sample







Unlock a Software Token License

Unlock a company user's software token license that is locked because of three unsuccessful passcode entry attempts. Unlocking a software token license does not cause the company user to re-activate their mobile device or change their authentication credentials for the software token app.

Note: This capability might not be available to all administrators.

- 1. Click Administration > Company Administration > Manage Users.
- Click the System Access link beside the company user whose license you want to unlock.
- 3. Go to the **User Software Token Maintenance** section and then click the **reset token user** link.
- 4. On the pop-up box, click Reset User.

Change a Company User's Password

- 1. Click Administration > Company Administration > Manage Users.
- 2. Click the **System access** link beside the user whose password you want to change.
- 3. Complete the following **User Information** fields:

Password The user's password. See the Company Password

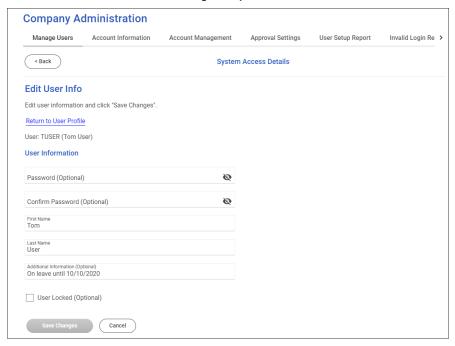
Requirements section for details.

Confirm password The password that was typed into the **Password** field.





User Profile - Edit User Information Page Sample



4. Click Save Changes.

Change a Company User's Telephone Number

- 1. Click Administration > Company Administration > Manage Users.
- Click the link in the User ID column for the user whose telephone number you want to change.



4. Change the User Telephone Number fields as needed:

Label
Home, Work, Work2, Mobile, Mobile2, and Other. Each label can be used once.

If enabled for your company, domestic mobile telephone numbers can be used to receive alert notifications. Message and data rates may apply; see your carrier for details.

Country/Region The numeric country code associated with the telephone

number. Select from a list of country names. These are mapped

to the appropriate one to three-digit country code.



Telephone Number

The telephone number separated by the one of the following characters: left and right parentheses, hyphen, period, or spaces. Up to 30 characters (digits and separator characters) are allowed.

Extension (optional)

Required when an extension is needed to reach the user within an office phone system. Up to 16 numeric characters are allowed.

Some phone systems require entry of additional characters, often referred to as control codes, to reach an extension. The following control codes are allowed: Pound (#), Star (*), Comma (short pause - approximately 2 seconds), Period (long pause - approximately 5 seconds).

Multiple comma and period characters can be placed before or after an extension to add pause time during system generated calls that are made to users for the purpose of validating their information.

For example, ...12345. This example extension has a 10 second pause time before the extension and a 5 second pause time after. During a system generated call, the system waits 10 seconds before dialing the extension and waits 5 seconds after it dials before playing an affirmation message such as "Hello."

This is Example Bank. Please press 1 to...".

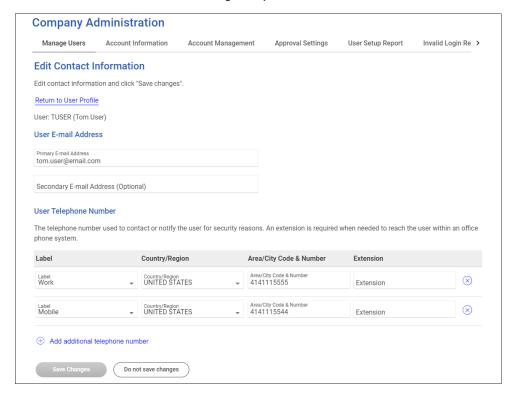
- 5. Click Save Changes.
- 6. If your company requires multiple approvals for Administration, click **Submit**.

Once a user profile has been submitted for approval, further changes cannot be made until all approvals have been received or the request is canceled. The changes to the user profile become effective once the required number of approvals is received.





User Profile - Edit Contact Information Page Sample



Request a Replacement Hardware Token for a Company User

Request a hardware token replacement when a company user's original hardware token device has been lost or broken.

- 1. Click Administration > Company Administration > Manage Users.
- 2. Click the link in the User ID column for the user you want to edit.
- 3. Click the edit icon () beside the **User Information** heading.
- Clear the serial number from the Token Device Serial Number field and then click Save Changes.





Register a Hardware Token for a Company User

Each token device is registered to a specific user.

Note: The fulfillment date is the date the financial institution is sending the token device. This date can be used to monitor the fulfillment status of each user's token device.

- 1. Click Administration > Company Administration > Manage Users.
- 2. Click the link in the **User ID** column for the user you want to edit.
- 3. Click the edit icon () beside the **User Information** heading.
- 4. Type the token serial number into the **Token Device Serial Number** field.
- 5. Click Save Changes.

The token device is registered to the user and the user is required to use the token at their next sign on.

View Unsuccessful Company User Login Attempts

Company administrators should consider reviewing invalid/unsuccessful login attempts regularly for suspicious activity.

- 1. Click Administration > Company Administration > Invalid Login Report.
- 2. Complete the following fields:

Output To Screen (HTML), CSV file, or PDF.

Date Specific Date or Date Range.

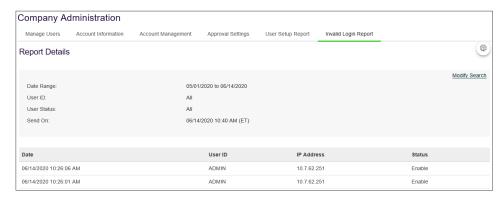
Filter All Users or Specific User.

3. Click Generate report.





Invalid Login Report Page Sample



Determine Software Token Activation

Click Administration > Self Administration > User Activity Report.

2. Complete the following fields:

Output To Accept the default **Screen** option or select **CSV file**.

Function Select Token Activation.

Note: Service entitlements determine the functions

available for selection.

User ID All Users, Enter User ID, or Specific User.

Date Specific Date or Date Range.

3. Click Generate Report.

User Profiles

About Company User Profiles

A profile consists of a user's contact information, roles, entitled services and accounts, and limits. Profiles are created and managed by company administrators.

The company user creation process is divided into stages:



Stage	Description	
Profile & Roles	The user's demographic information, including e-mail and phone number. The <u>role or roles</u> user has in the company (Administration, Approval, and/or Setup).	
Services and Accounts	The services and accounts the user can use and, if applicable, the user ID required for accessing an external service, such as Commercial Capture Xpress (CCX).	
Limits	The user-specific limits for ACH, Wire, and Bill Pay services (depending on which services are enabled for the user).	
Verification	A page that gives Administrators an opportunity to review the profile information before saving or submitting it.	

User profiles are automatically saved after each stage is completed. Administrators can save a user profile at any point in the creation process and complete the setup later. Saved user profiles appear in the **Manage Saved Users** section on the *User Administration* page and remain there until the profile is completed or deleted.

Add Company Users

- 1. Click Administration > Company Administration > Manage Users.
- 2. Click Create New User.
- 3. Complete the **User Information** fields:

User ID	A user identification number. See the <u>Company User ID</u> <u>Requirements</u> section for details.
Password	A temporary password the user only uses once at their first sign-on. See the <u>Company Password Requirements</u> section for details.
Confirm Password	The password that was typed into the Password field.
First Name	The user's first name (up to 80 alphanumeric characters).
Last Name	The user's last name (up to 80 alphanumeric characters)



Primary E-mail

Address

The user's main email address (up to 100 alphanumeric

characters).

Secondary E-mail Address (optional)

The user's back-up email address (up to 100 alphanumeric

characters).

Additional Information (optional)

Descriptive text about the user (up to 30 alphanumeric

characters).

Complete the User Telephone Number fields:

Label Work, Work 1, Mobile, Mobile 1, Home, and Other. Each

label can be used once, for a maximum of six phone numbers.

At least one telephone number is required.

Country/Region Used for the numeric country code associated with the

telephone number. Select from a listing of country names, which are mapped to the appropriate one to three-digit country

code.

Area/City Code &

Number

The telephone number. Up to 30 characters are allowed.

Extension (optional)

Required when an extension is needed to reach the user within an office phone system. Up to 16 numeric characters are allowed.

Some phone systems require entry of additional characters, often referred to as control codes, to reach an extension. The following control codes are allowed:

- Pound (#)
- Star (*)
- Comma (short pause approximately 2 seconds)
- Period (long pause approximately 5 seconds)

Multiple comma and period characters can be placed before or after an extension to add pause time during system generated calls that are made to users for the purpose of validating their information.



For example, ...12345. This example extension has a 10 second pause time before the extension and a 5 second pause time after. During a system generated call, the system waits 10 seconds before dialing the extension and waits 5 seconds after it dials before playing an affirmation message such as "Hello. This is Example Company. Please press 1 to...".

- Click Continue.
- 6. **Optional:** Copy the roles, services, and account entitlements of an existing user to the new user:
 - a. Click Copy User.
 - b. Click the Select User link.
 - c. Click the radio button beside the user you want to copy and then click Copy User.
- 7. Optional: Select one or more User Roles:
 - Allow this user to setup templates
 - Allow this user to approve transactions
 - Grant this user administration privileges
- 8. Click Continue.
- 9. Optional:Enable Services & Accounts:
 - a. Click the add icon (beside each service to entitle and if applicable, select the accounts to entitle and/or enter the user's ID for any external application.
- 10. Click Continue.
- 11. If applicable, change the ACH, wire, and/or bill payment limits:
 - If applicable, click the edit icon () beside the ACH limits to change them: User Daily LimitThe maximum allowable cumulative amount of all successful transactions in a given day for a group of ACH services. User Daily Service LimitThe maximum allowable cumulative amount of all successful transactions in a given day for a particular ACH service. User Daily Account LimitThe maximum allowable cumulative amount of all successful ACH transactions on a per account basis in a given day.



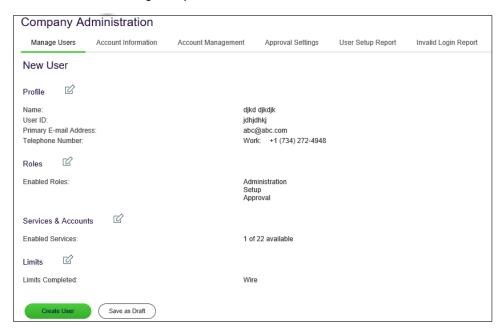
- b. If applicable, click the edit icon () beside the Wire limits to change them:User Daily limitThe maximum allowable cumulative amount of all successful transactions in a given day for a group of wire services.User Daily Service LimitThe maximum allowable cumulative amount of all successful transactions in a given day for a particular wire service.User Daily Account LimitThe maximum allowable cumulative amount of all successful transactions on a per account basis in a given day. User Individual Transaction LimitThe maximum allowable amount for each transaction for a particular account.
- C. If applicable, click the edit icon () beside the Bill Payment limits to change them: User Transaction LimitThe maximum allowable amount a company user can enter for a bill payment transaction. User Transaction Approval LimitThe maximum allowable amount a company user can approve for a bill payment transaction entered by another user. Users given the Administration role automatically inherit the company's transaction limits. In this instance the limits cannot be changed.
- 12. If the services enabled do not have limits, click **Continue**.
- 13. Verify the user's profile as needed and then click **Create User**.

For companies that do not require multiple approvals for Administration, clicking **Submit** creates and activates the user. For companies that require multiple approvals for Administration, clicking **Create User** submits the user profile for approval by other Administrators in the company.





New User - Verification Page Sample



Delete Company Users

Company user profiles cannot be recovered once deleted. If your company requires multiple approvals for user administration, a user profile that is pending changes cannot be deleted until all of the required approvals have been received for the changes or the change request is canceled.

- 1. Click Administration > Company Administration > Manage Users.
- 2. Click the link in the **User ID** column for the user you want to delete.
- 3. Click the delete icon (\otimes) beside the **User Information** heading.
- 4. Review the information as needed and then click **Delete User**.

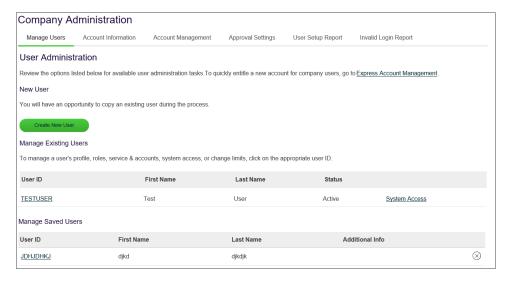
About Saved Company User Profiles

Saved users are new user profiles that have been saved in an incomplete state. New user profiles are automatically saved at each stage in the user creation process. Saved user profiles appear under the **Manage Saved Users** section on the *User Administration* page until the setup is complete or they are deleted. Saved profiles cannot be used to sign on to the system until the setup is complete. Saved profiles cannot be copied.





User Administration Page Sample



Complete Saved Company User Profiles

- 1. Click Administration > Manage users.
- In the Manage Saved Users section, click the link in the User ID column for the company user you want to complete.
- Follow the steps in the <u>Adding Company Users</u> or <u>Copying Company Users</u> section of this document.

Delete Saved Company User Profiles

- 1. Click Administration > Manage users.
- 2. In the **Manage Saved Users** section, click the delete icon (8) beside the company user you want to delete.
- 3. Verify the information as needed and then click **Delete User**.

Approve Company User Changes

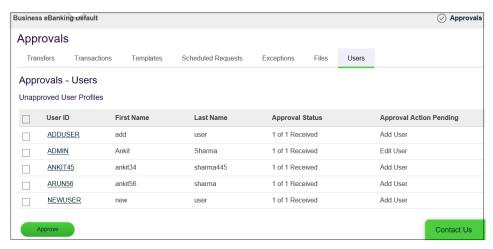
- 1. Click Approvals > Users.
- 2. Select one or more company user changes to approve and then click **Approve**.

The changes to the user profile become effective once the required number of approvals is received.





Approvals - Users Page Sample



Cancel Company User Changes

- 1. Click Approvals > Users.
- 2. Click the link in the **User ID** column for the user whose changes you want to cancel.
- 3. Click the Cancel user profile request link.
- Verify the user information as needed and then click Cancel Request.

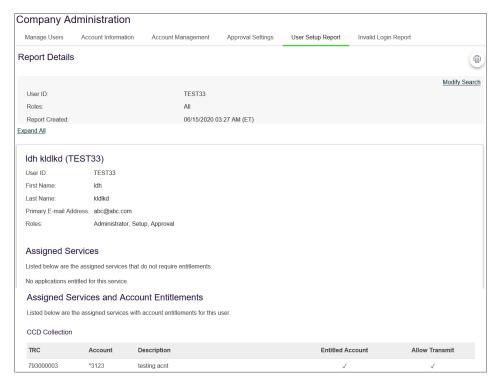




View Profile Details for Company Users

- 1. Click Administration > User Setup Report.
- Select an Output To option: Screen (HTML), CSV file, or PDF.
- 3. Select a User ID option: All Users or Specific User.
- 4. Select a Report By Role option: All, User, Setup, Administration, or Approval.
- Click Generate Report.
- 6. If applicable, click the **Download** link beside the report on the *Search User Setup Reports* page.

User Setup Report Page Sample



Transaction Limits

About Transaction Limits

Limits help reduce the risk of fraud by allowing companies to restrict the amount of money their users can collect, pay, or wire.

Company limits are set by the financial institution and apply to all users in a particular company. User limits only apply to a particular user in a company and override the company-defined limits

when they are more restrictive. A company user's limits cannot exceed the company limits. If a company limit is changed so it is more restrictive than a user's limit, the user limit is automatically set to the company limit.

Limit Types

Limit Name	Description	Service
Daily cumulative	The maximum allowable cumulative amount of all successful transactions in a given day for a group of services.	ACH, Wire
Daily by service	The maximum allowable cumulative amount of all successful transactions in a given day for a particular service.	ACH, Wire
Daily by account	The maximum allowable cumulative amount of all successful transactions on a per account basis in a given day. Each account can have two cumulative limits: one for all ACH transactions and one for all Wire transactions.	ACH, Wire
Daily by account - by transaction	The maximum allowable amount for each transaction for a particular account.	Bill Payment, Wire
Maximum transaction approval	The maximum allowable amount for a bill payment transaction to be approved by a user.	Bill Payment

ACH Limit Hierarchy

Limits can be defined by service, account, and transaction.

ACH limit checking proceeds in the following order:

- 1. User Daily Limit
- 2. User ACH Service Limit
- 3. User's Company Daily Limit
- 4. User's Company ACH Service Limit
- 5. User Daily Account Limit



- 6. Company Daily Account Limit
- 7. Company Transaction Detail Limit

Wire Limit Hierarchy

Limits can be defined by service, account, and transaction.

Wire limit checking proceeds in the following order:

- 1. User Daily Limit
- 2. Company Daily Limit
- 3. User Daily Account Limit
- 4. Company Daily Account Limit
- 5. User Transaction Limit
- 6. Company Transaction Limit

Bill Payment Hierarchy

Bill Payment limit checking proceeds in the following order:

- 1. User Transaction Limit
- 2. User's Company Transaction Limit

Change Transaction Limits

- 1. Click Administration > Company Administration > Manage Users.
- 2. Click the link in the **User ID** column for the user you want to change.
- 3. If applicable, change the ACH, wire, and/or bill payment limits:
 - a. If applicable, click the edit icon () beside the **ACH** limits to change them:**User Daily Limit**The maximum allowable cumulative amount of all successful transactions in a given day for a group of ACH services.**User Daily Service Limit**The maximum allowable cumulative amount of all successful transactions in a given day for a particular ACH service.**User Daily Account Limit**The maximum allowable cumulative amount of all successful ACH transactions on a per account basis in a given day.



- b. If applicable, click the edit icon () beside the **Wire** limits to change them:**User Daily limit**The maximum allowable cumulative amount of all successful transactions in a given day for a group of wire services.**User Daily Service Limit**The maximum allowable cumulative amount of all successful transactions in a given day for a particular wire service.**User Daily Account Limit**The maximum allowable cumulative amount of all successful transactions on a per account basis in a given day. **User Individual Transaction Limit**The maximum allowable amount for each transaction for a particular account.
- c. If applicable, click the edit icon () beside the **Bill Payment** limits to change them: **User Transaction Limit**The maximum allowable amount a company user can enter for a bill payment transaction. **User Transaction Approval Limit**The maximum allowable amount a company user can approve for a bill payment transaction entered by another user. Users given the Administration role automatically inherit the company's transaction limits. In this instance the limits cannot be changed.
- 4. If multiple approvals are required for administration changes, do one of the following:
 - If you are done making changes to the limits, click **Submit**.
 - If you have more changes to make to the limits, click **Continue**.

Roles and Service and Account Entitlements

About Company User Roles

Roles allow companies to divide responsibilities among their users and reduce the risk of fraud.

There are three roles that can be assigned to a company user:

- 1. Setup
- 2. Approval
- Administration

A company user can have one or more roles assigned or none.





No role

A user without an assigned role can:

- Enter transactions for services and accounts to which they are entitled
- Enter issues, view reconciliation statements, and view decisions made on exceptions for services and accounts to which they are entitled.

Setup

A user with the Setup role can create and maintain templates for transfer and payment services and accounts to which they are entitled. This role is not applicable to account reconciliation or positive pay services. App

Approval

A user with the Approval role can:

- Approve and transmit transactions for transfer and payment services and accounts to which they are entitled.
- Approve issues, issue files, decisions made on exceptions, and decision files for services and accounts to which they are entitled.

Administration

A user with the Administration role is often referred to as an administrator. An administrator can create and maintain company user profiles. This includes assigning company users with their login credentials, roles, service and account entitlements, and transaction limits. Administrators can also rename accounts, reset passwords, and modify the number of approvals required for requests.

When a company is set up on Business Edge a user in the company is designated as the primary user and assigned the Administration role. The primary user is entitled to all services and to all accounts associated with those services based on the company's profile.

A company can have multiple administrators.

Bill Pay Roles

The Business Edge role assigned to a company user determines their Bill Pay role.



Business Edge Role	Bill Pay Role	Bill Pay Privilege	Available Task
Administration	Administrator	Make Payments	Enter current day or future-dated transactions up to the company limit, regardless of any other limits set for the user
		Approve Payments	Approve any transaction up to the company limit, regardless of any other limits set for the user. Transactions can be approved in advance of their effective date.
		Add / Change Payees	Maintain details of payees.
		Make expedited payments	Make an expedited payment.
		Add / Change automatic rules	Set up recurring payments.
		View Payment Reports	View payment reports.
			View audit reports.
Setup	User	Add / Change Payees	Maintain payee details.
Approval	User	Approve Payments	Approve transactions up to their approval limit. Transactions can be approved in advance of their effective date.
User (No role)	User	Make Payments	Enter current-day or future-dated transactions up to their entry limit



Business	Bill Pay	Bill Pay	Available Task
Edge Role	Role	Privilege	
		View Payment Reports	View payment reports.

Note:

Payments created by company users who do not have the Approval or Administration role require approval by someone else in their company; none of the payments are auto approved. Additionally, a company user who has the Administration role in Business Edge is automatically given access to all accounts set up in the Bill Pay system regardless of their Bill Pay account entitlements in Business Edge.

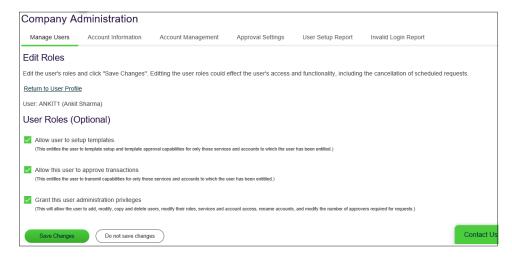




Change a Company User's Roles

- 1. Click Administration > Company Administration > Manage Users.
- 2. Click the link in the **User ID** column for the user whose roles you want to change.
- 3. Click the edit icon () beside the **Roles** heading.
- Add or remove the **User Role** options as needed:
 - Allow this user to setup templates
 - Allow this user to approve transactions
 - Grant this user administration privileges
- 5. Click Save changes.

User Profile - Edit Roles Page Sample



About Entitlements - Company Users

Entitlements provide companies with another control to divide responsibilities among their users and reduce the risk of fraud. For instance, one company user could be tasked with entering transactions while another is responsible for approving/transmitting them.

There are two types of entitlements:

- 1. Service
- Account

As the names suggest, service entitlements grant access to services and account entitlements grant access to accounts. For many services these entitlements work together to give company



users full access to a service and its features. For services that have associated account entitlements, if a company user is only entitled to the service but not the accounts, the menu navigation for the service is visible but access to the pages is limited and the service is unusable.

A company's administrator is responsible for assigning entitlements to its users.

Service Entitlements

Service entitlement names typically match or reflect the service name to which it provides access. For example, Internal Transfer is the service entitlement name for the Internal Transfer service. Access to some services, such as Deposit Account Reporting and Positive Pay, are controlled through multiple service entitlements.

Service entitlement names typically match or reflect the service name to which it provides access. For example, Stop Payment is the service entitlement name for the Stop Payment service.

Account Entitlements

Account entitlement names indicate what they allow a company user to do. The service entitlement determines the account entitlements a company user sees.

Account Entitlement	Function	
Entitled Account	Allows a company user to:	
	 View an account and its activity and create transactions from the selected account. For the Account Management service, this allows a company user to initiate a request to modify and/or close an account. 	
	View outstanding issues, stale issues, exception decisions, and status on issues for the selected account.	
Entitle Product	Allows a company user to initiate a request to open an account.	
Approve	Allows the end user to approve a request to open, modify, and/or close an account.	



Account Entitlement	Function
Allow Decision/Approve	Allows a company user to approve and make decisions on exceptions for the selected account. This entitlement is applicable to account reconciliation and positive pay services.
Allow Entry	Allows a company user to enter and update issues for the selected account. This entitlement is applicable to account reconciliation and positive pay services.
Allow Approve	Allows a company user with the Approval role to approve manually entered issues for the selected account. This entitlement is applicable to account reconciliation and positive pay services.
Allow Transmit	Allows a company user with the Approval role to approve transactions for an account to which they are entitled.
Receive	Specific to the File Download service. While not technically an account entitlement, this entitlement allows company users to download specific reports.
Entitled To Account	Specific to the Internal Transfer and Multiple Account Transfer services. Allows a company user to view an account, completed transfers, and create transactions to transfer money to it.
Entitled From Account	Specific to the Internal Transfer and Multiple Account Transfer services. Allows a company user to view an account, completed transfers, and create transactions to transfer money from it.

Note: No account entitlement is needed to import or approve check issue files.

Dependent Services

Dependent services are services that must be enabled together. For example, when enabling the Deposit Reporting service for a company user the Information Reporting service must also be enabled. For example, when enabling the Positive Pay Exception Maintenance service for a company user the Positive Pay service must also be enabled.



If Enabled	Also Enable
Incoming Wire Report	Account Reports
	or
	Deposit Reporting
	or
	Deposit Account Reporting
Loan Advance	Loan
Loan Payment	Loan
Account Reports	Information Reporting
Deposit Account Reporting	Information Reporting
Deposit Reporting	Information Reporting
Imaging Returns	Information Reporting
Positive Pay Issue Maintenance	Positive Pay
Positive Pay Exception Maintenance	Positive Pay
Payee Positive Pay	Positive Pay
Positive Pay Exception Correction	Positive Pay and Positive Pay Exception Maintenance

Note:

The service in the right column must be enabled for the service in the left column to have any effect on the user's entitlements.

Add Service and Account Entitlements

- 1. Click Administration > Company Administration > Manage Users.
- 2. Click the link in the **User ID** column for the user you want to change.





- 4. Click the add icon (beside each service to enable and, if applicable, select the accounts to entitle and/or enter the user's ID for any external application.
- 5. Click Save Changes.
- 6. If your company requires multiple approvals for user administration, click **Submit**. Once a user profile has been submitted for approval, further changes cannot be made until all approvals have been received or the request is canceled. The changes to the user profile become effective once the required number of approvals is received.

Remove Service and/or Account Entitlements

- 1. Click Administration > Company Administration > Manage users.
- 2. Click the link in the **User ID** column for the user you want to change.
- 3. Click the edit icon () beside the **Edit Services & Accounts** heading.
- 4. Do one or more of the following:
 - To remove a service and its entitled accounts, click the delete icon (S) beside it.
 - To remove account entitlements for a service, click the edit icon () beside
 the service and then select the accounts to remove.
- 5. Click Save Changes.

Entitle New Accounts to Services

- 1. Click Administration > Company Administration > Account Management.
- 2. Click the **User** drop-down and select a user. All user profiles in the company except for saved user profiles are included. Users are shown in alphabetical order in this format: **first name last name user ID**.
- Click the Search drop-down and choose an account. Contains all accounts in the company. Accounts are shown in alphabetical order in this format: account description account type - masked account number. If more than 10 accounts are available, then a



Search link appears beside the Account drop-down so that a specific account can be more easily located.

- 4. Click Go.
- 5. Assign service and account entitlements as appropriate:

Service Service entitlement names typically match or reflect the service

> to which it provides access. Some services may have subentitlements that determine access to specific tasks or features.

Entitle Account For account reconciliation and positive pay services, this account

entitlement allows a company user to view outstanding issues, stale issues, exception decisions, status on issues, and enter and update issues for the selected account (depending on the

services entitled).

For other services, this account entitlement allows a company

user to view an account and its activity, and create transactions/requests from/for the selected account.

Note: For the Internal Transfer and Multiple Account

Transfer services. From and To check boxes allow you to choose whether a company user can transfer

money from and/or to a specific account.

Allow Transmit For account reconciliation and positive pay services, this account

> entitlement allows a company user to approve and make decisions on exceptions for the selected account and allows those with the Approval role to approve manually entered issues for the selected account (depending on the services entitled).

For other services, this account entitlement allows a company user with the Approval role to approve transactions for the selected account.

The Allow Transmit column only appears when the Note:

transmit function is applicable to the service and the

selected company user has the Approval role.

Allows a company user to submit a request to close or modify an

account.

Approve

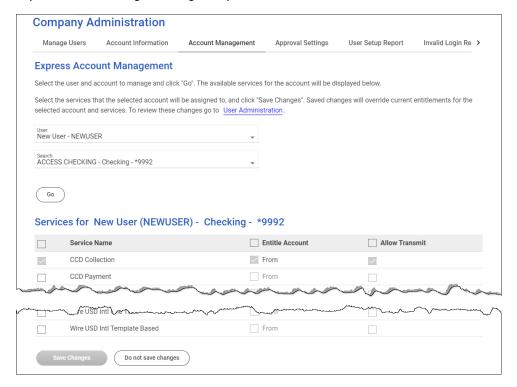




Note: The Entitle Account, Allow Transmit, and/or Approve account entitlements may not be applicable for some services.

6. Click Save Changes.

Express Account Management Page Sample



Change an Account Description

Account descriptions (nicknames) help company users to more easily identify specific accounts when they are used in transactions. Account numbers should not be used for account nicknames.

- 1. Click Administration > Company Administration > Account Information.
- 2. Click the link in the **Description** column for the account you want to change.
- 3. Type a name or description (up to 80 alphanumeric characters) into the **Description** field.
- Click Save Changes.





Change Account Description Page Sample

Company Administration						
Manage Users	Account Information	Account Management	Approval Settings	User Setup Report		
Change Accou	Change Account Description					
Please make the required changes and click "Save Changes", To return to the list of accounts go to Account Administration.						
Account Information	n					
TRC:		123456				
Account Number:		0000001679				
Account Type:		CreditCard				
Description:		credit card account				
Save Changes	Do not save change	s				

Approvals

About Approvals

Multiple approvals help companies reduce the risk of fraud by ensuring a change or transaction is approved by more than one company user before it is processed.

Administration

Multiple approvals can be required for company user profile additions, changes, and deletions.

Transactions

Multiple approvals can be required to send a transaction and can be based on transaction amount. The number of approvals required can vary based upon the dollar amount of a request. Companies with multiple users can require transactions to be approved by users other than the ones who entered them, provided the setting is available for the service. The number of approvals required for a service should not be greater than the number of users authorized to approve/transmit the transactions.

Multiple approvals can be set uniquely by service.

Templates

Multiple approvals can be required for ACH and Wire template additions, changes, and deletions.

Multiple approvals can be set uniquely by service.





Issues and Decisions

Multiple approvals can be required for exception decisions, imported decision files, issues, and imported issue files. The number of approvals required should not be greater than the number of users authorized to approve the issues/decisions.

Require Multiple Approvals for Transactions

- 1. Click Administration > Company Administration > Approval Settings.
- 2. In the **Approvals Required for Transactions** section, define the approval settings for the service:

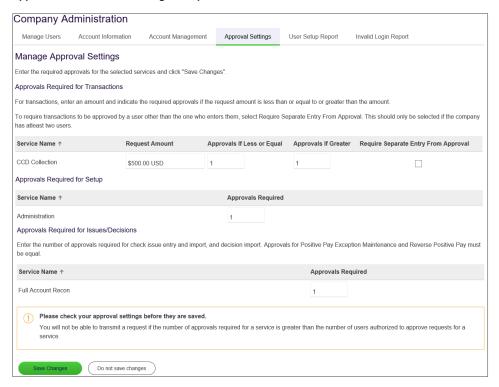
Request Amount	Type the amount of the transaction.
Approvals If Less or Equal	Type the number of approvals required when the transaction amount is less than or equal to the Request Amount .
Approvals If Greater	Type the number of approvals required when the transaction amount exceeds the Request Amount .

- 3. **Optional:** If applicable, require transactions to be approved by users other than the users who entered them.
 - a. Review your company's scheduled transactions and determine if any have been approved by the entry user (e.g., user who created the schedule). If a scheduled transaction has been approved by the entry user, have that user delete and recreate the schedule. If this is step is not performed, then the scheduled transactions with an approval applied by the entry user will fail and be placed in the approval queue where the additional approval(s) can be applied.
 - b. Click the Require Separate Entry From Approval option. Services that have a checkmark (✓) are required by the financial institution to have this control and cannot be changed.
- 4. Click Save Changes.





Approvals Administration Page Sample



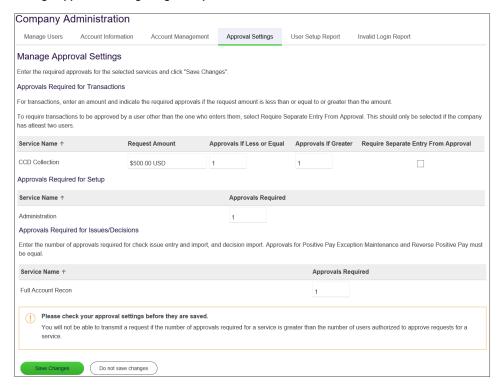
Require Multiple Approvals for Company User Administration

- 1. Click Administration > Company Administration > Approval Settings.
- Go to the Approvals Required for Setup section and then type the number of approvals required for user additions, changes, and deletions into the Approvals Required field beside Administration. Up to nine approvals can be required.
- 3. Click Save Changes.





Manage Approval Settings Page Sample



Require Multiple Approvals for Templates

- 1. Click Administration > Company Administration > Approval Settings.
- Go to the Approvals Required for Setup section and then type the number of approvals required for each service for template additions, changes, and deletions into the Approvals Required field. Up to nine approvals can be required.
- 3. Click Save Changes.

Require Multiple Approvals for Issues and Decisions

- 1. Click Administration > Company Administration > Approval Settings.
- Go to the Approvals Required For Issues/Decisions section and then type the number of approvals required for each service into the Approvals Required field. Up to nine approvals can be required.
- 3. Click Save Changes.

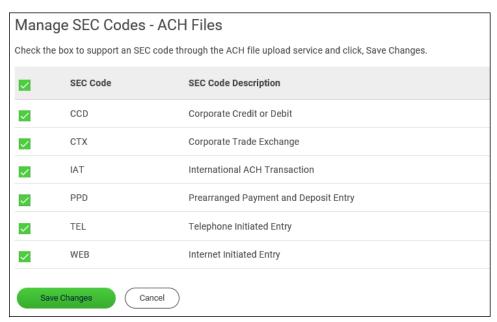




Manage SEC Codes Allowed in ACH Files - Company User

- 1. Click Administration > Company Administration > Manage SEC codes ACH files.
- Click or clear the check box beside an SEC code to allow/disallow it in ACH files.
- 3. Click Save Changes.

Manage SEC Codes - ACH Files Page Samples



Service Administration

Change the Company Stale Date - Full Reconciliation

The stale date is the number of days after which a check written for the corresponding account is considered stale.

- 1. Click Administration > Service Administration > Full Account Reconciliation.
- 2. Click the Edit link.
- 3. Type the desired number of days into the Company Stale Date Setting field.

The company stale date cannot exceed the days defined for the **Maximum Stale Date**Setting. If the new company stale date is more restrictive than the stale date setting for



an individual account, then the stale date setting for that account is automatically updated to match the new company stale date setting.

4. Click Save.

Full Account Reconciliation - Edit Company Stale Date Setting Page Sample

Service Administration					
Full Accout Reconciliation	Positive Pay	Reverse Positive Pay			
⟨ Back				Edit Settings	
Edit Company Stale Date Setting					
Maximum Stale Date Setting:		250 Days			
Company Stale Date Setting:		50	Days		
Save Cancel					

Change the Account Stale Date - Full Reconciliation

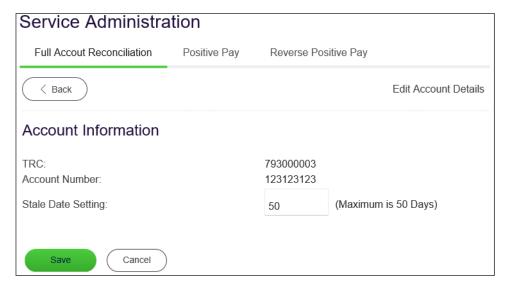
The stale date is the number of days after which a check written for the corresponding account is considered stale.

- 1. Click Administration > Company Administration > Full Account Reconciliation.
- 2. Click the link in the **Account** column for the account you want to change.
- Type the desired number of days into the Stale Date Setting field.
 The account stale date cannot exceed the days defined for the company.
- 4. Click Save.





Full Account Reconciliation - Account Information Page Sample



Change the Company Stale Date - Positive Pay

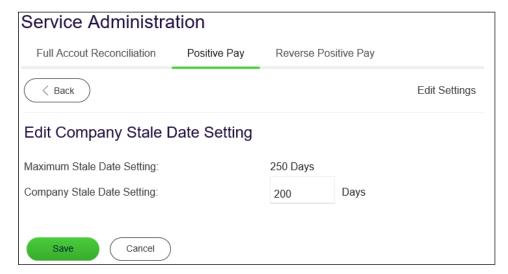
The stale date is the number of days after which a check written for the corresponding account is considered stale.

- 1. Click Administration > Service Administration > Positive Pay.
- 2. Click the Edit link.
- 3. Type the desired number of days into the Company Stale Date Setting field.
 The company stale date cannot exceed the days defined for the Maximum Stale Date Setting. If the new company stale date is more restrictive than the stale date setting for an individual account, then stale date setting for that account is automatically updated to match the new company stale date setting.
- 4. Click Save.





Positive Pay Administration - Edit Company Stale Date Setting Page Sample



Change the Account Stale Date - Positive Pay

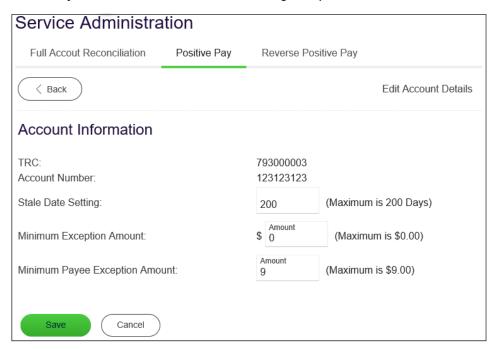
The stale date is the number of days after which a check written for the corresponding account is considered stale.

- 1. Click Administration > Company Administration > Positive Pay.
- 2. Click the link in the **Account** column for the account you want to change.
- Type the desired number of days into the Stale Date Setting field.
 The account stale date cannot exceed the days defined for the company.
- 4. Click Save.





Positive Pay Administration - Account Information Page Sample



Change the Minimum Exception Amount - Positive Pay

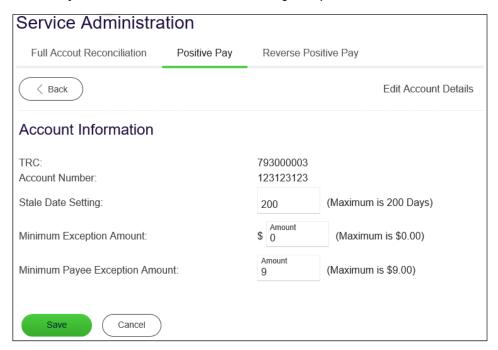
The minimum exception amount is the minimum dollar amount for exception generation. For example, if the minimum dollar amount is set to \$10, exceptions are generated for items that are equal to or greater than \$10.

- Click Administration > Service Administration > Positive Pay.
- 2. Click the link in the **Account** column for the account you want to change.
- 3. Type the new amount into the **Minimum Exception Amount** field.
- 4. Click Save.





Positive Pay Administration - Account Information Page Sample



Change the Minimum Payee Exception Amount - Positive Pay

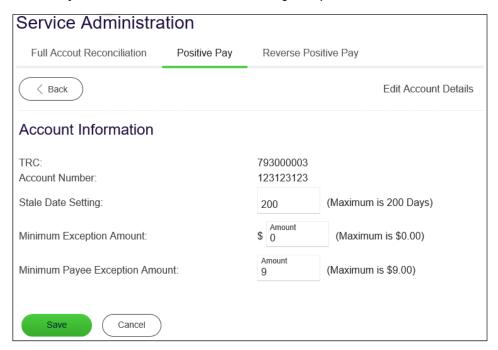
The minimum payee exception amount is the minimum dollar amount for payee exception generation. For example, if the minimum dollar amount is set to \$10, payee exceptions are generated for items that are equal to or greater than \$10.

- Click Administration > Service Administration > Positive Pay.
- Click the link in the **Account** column for the account you want to change.
- Type the new amount into the Minimum Payee Exception Amount field.
- 4. Click Save.





Positive Pay Administration - Account Information Page Sample



Change the Minimum Exception Amount - Reverse Positive Pay

The minimum exception amount is the minimum dollar amount for exception generation. For example, if the minimum dollar amount is set to \$10, exceptions are generated for items that are equal to or greater than \$10.

- 1. Click Administration > Company Administration > Reverse Positive Pay.
- 2. Click the link in the **Account** column for the account you want to change.
- 3. Type the new amount into the **Minimum Exception Amount** field.
- 4. Click Save.





Reverse Positive Pay Administration - Account Information Page Sample

