



Today PAYMENTS



Bank Bill Pay 2019 – High level Discussion

US – Based Only

ACI Worldwide – September 16, 2019

*Dorine Kiza, Andres Sajeski, David Grindal, Paul Vander Byl, Shabbir Gilani and Mahesh
Johnson*



Summary



★ ★ ★ ★ ★ / Bank Bill Pay does not have to share banking information between parties/



Dorine, to answer the question posed to us "...what Today Payments is looking to do and where ACI can help?." We want to integrate with ACI UP and EBPP services. We also desire to be in a position to offer Billers both your One-Time and Recurring options with Service Fee Payments and Integrated Payment Plans.

The impetus for this new "Bill Pay API" (Rosetta Stone) came from industry experience and extensive research that uncovered needs in the business community and an opportunity for the banking industry, which until "new" digital bill pay schemas could not be realized effectively. Over 10 billion in bill payments are currently made by both individuals and businesses.

Today's discussion will primarily focus on the Biller's posting the settlement transactions.

Today Payments will integrate with the providers of platform interfaces of "new" digital bill pay schemas. Our API can be integrated with existing treasury management systems (TMS), ERPs, commercially available accounting software and internal systems of the Billers. A key ingredient in corporate banking is the enhanced access to data. Not only can this be used to provide insight for Billers on their own efficiencies but also help banks to make quicker and more favorable credit decisions. For example, a company can store its Accounts Payable (AP) and Accounts Receivable (AR) data in its TMS and then allow access to the bank via an integrated API.

Despite the "hopes, dreams and aspirations" of the new digital billing platforms, Real-Time Bill Pay banking is still in its infancy and will only take off if banks promote it to their business clients and continuously improve the quality and availability of their APIs and ensure that they are producing innovative products that seek to address genuine business customer needs. Achieving this will not be without challenges. For a start, banks will not accomplish it alone. Open banking through APIs demands collaboration between banks, bill pay platforms and fintechs. Today Payments has a premium API, working with the bill pay platforms, and delivering value to both the banks and their Biller clients

Problem



★ ★ ★ ★ ★ / Bank Bill Pay does not have to share banking information between parties/



- Currently cost effective automation of A/R and A/P data allowing the Payer (A/P) to choose their payment type with straight-through data integration to the Biller (A/R) ERP or accounting software **does not exist**. Simple reason: Industry wide agreement on standard naming, file lengths, will NEVER exist between the numerous ERPs, CRMs, Cash Management and Accounting Systems. How can we expect over 1,000 disparate companies to agree when, I'll bet, **ACI Worldwide**, Aliaswire, Inlet and Transactis will not have the same descriptors and output file language.

The Federal Reserve stated the problem succinctly in 2013: We need (sic) ***“A ubiquitous electronic solution(s) for making retail payments that does not require the sender to know the bank account number of the recipient.*”**

Confirmation of good funds will be made at the initiation of the payment. The sender and receiver will receive timely notification that the payment has been made. Funds will be debited from the payer and made available in near real time to the payee.”

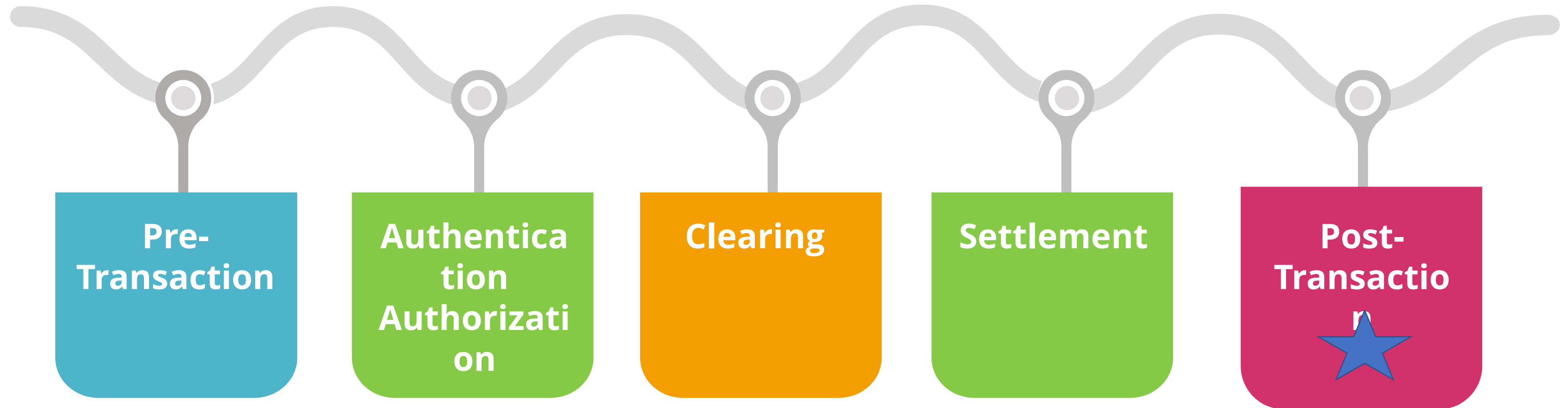
At a time when U.S. financial institutions are facing decreasing new account openings and struggling against increased competition from new financial services players, the leading edge gained by U.S. financial institutions which embrace ‘New’ bank bill pay cannot be underestimated.

Same Day Deposit



Digital bill payments can be broadly divided into five phases: pre-transaction (purchase order A/P), authentication/authorization, clearing, settlement and post-transaction (ERP and accounting integration). Non-banks have increased their presence in all phases, except the settlement phase, which is still core to banks' activity.

Banks' role may now be reduced to **Depository Only – ACI Don't let this happen to your banks.**



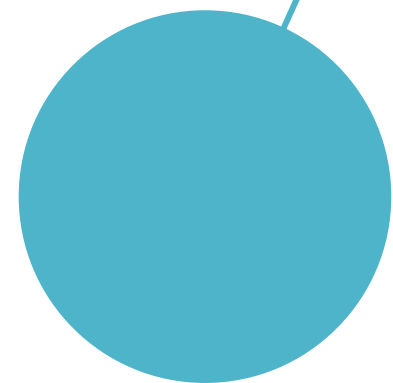
This is where Today Payments' Bill Pay API is essential for a complete System benefiting both Banks & Billers

US Market Overview



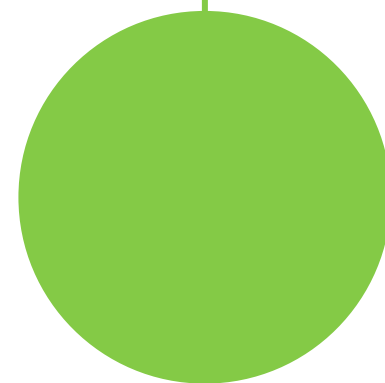
2019 is the time for such cost effective automation to occur and to answer the Fed's 2013 call to action.

Currently, 3 "New" Online Bill Payment systems (see **MasterCard/NACHA/Visa** below) want to take the advantages of all current systems and provide them via Online Bill Payment through the banks! The new systems will offer speed, security, trust, full .pdf bill presentment (both present and past) one-time and recurring payments, etc. Payers will be allowed to use various forms of payment and numerous entry points into the systems, (i.e. API, CSR, Email, IVR, Kiosk, POS, Walk-in and Web)



MasterCard
Bill Pay Exchange

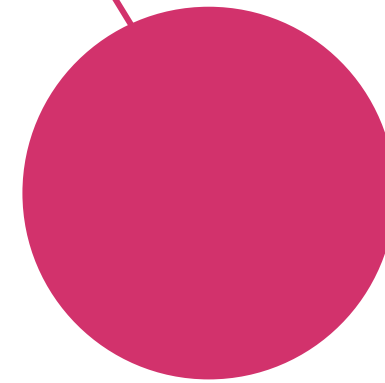
Today Payments owns
BillPayExchange.com
P2B & B2B
Integrations required:
ACI Worldwide,
Aliaswire, Transactis &
Inlet



NACHA

Business Payments Directory

Today Payments owns
BusinessPaymentsDirectory.com
P2B & B2B
Online "Payments
Information Directory"



A/P automation

MasterCard Track B2B Hub -
integration AvidExchange



Visa / Chase
Business Payments Network

B2B only
Integrations required:
Bill Trust

Bill Pay Exchange

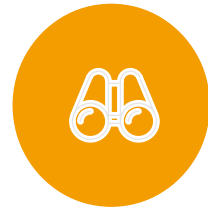


/ BillPayExchange.com Transactions provide the following benefits /



Authentication

Verifies the identity or veracity of a user, device or payment connected to a payment system to mitigate risk and loss



Verification

Real time verification of current checking / savings, card balance of the individual or business and current account status



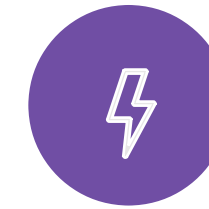
Posting

Real-time posting / reporting by both sending and receiving financial institutions



Authorization

Explicit instructions include: timing, amount, payee, funds source & other conditions to transfer funds



Settlement

Depending on funds source used by the Payer – Settlement can be Real-Time or possibly day's end



Notification

BillPayExchange.com will provide real-time messages to all parties at all levels including authentication, authorization and verification

Today Payment



In addition to the “post-transaction” segment of Bank Bill Pay, Today Payments also has identified a HUGE market opportunity!

Every merchant / biller who wants to be on one or all 3 of these systems must enroll and maintain an active account. New MIDs must be generated by each merchant/biller. (e.g. Billers who don't currently have an ACH MID will need one, Billers who only have a Retail MID will now need a CNP/Ecommerce MID, etc.)

A **“Gold Rush”** now exists to enroll merchants/billers into one or all 3 of these systems. The banks know what's coming, ISO's and Agents don't.

Millions of MIDs will be created.



Powered by: SameDayACH.com

Industry Groups



Industry groups know about the problems facing Billers. But, up until now have not been able to offer a universal solution to problems faced by the Biller, Payer, Banks and other third-parties interested in the payment flow.

[Show 2008 TCH STP 820](#) – hindrance: only effective for ACH CTX STP 820 transactions

[Show May 2018 Business Payments Coalition](#) – hindrance: remittance delivery method were out of scope and non-standard ERP and accounting software data files

[Business Payments Coalition November 4, 2018](#) – hindrance: remittance delivery method were out of scope and non-standard ERP and accounting software data files

[Business Payments Coalition April 2019](#) – hindrance: same as 2018

[Federal Reserve SMB Accounting Software API Initiative 2019](#) – resolve: no information available to the public about APIs that facilitate sending and receiving electronic payments through accounting software



Funds are **available for** the Biller **same-day**



Bill Pay Exchange sends confirmation to both "the sender" and "receiver" in seconds.



Reach virtually **all U.S. Bank and Credit Union accounts**

Funds sent and received typically within hours.



Personal Checks, Corporate Checks, Direct Biller Sites and Mailed Checks currently dominate the US Bill Pay

Advantages to Billers using GFG Bill Pay API Today PAYMENTS



★ Fast

Minutes to set up once company is enrolled

Funds received in hours



★ Convenient

Full Funds available same-day / instantly

Confirmations sent to both receiver and sender



★ Value

Extremely Cost efficient

Least expensive form of payment processing on the market



★ Flexible

Post ACH, Card, RTP, Zelle, PayPal one-time and / or recurring payments



★ Secure

Integrates with Biller's CRM, ERP and Accounting System

All US Financial Institutions



★ Easy

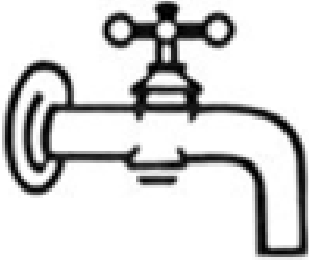
Online

Bank Visit, Mailing or Faxing not needed

Electronic Bill Presentment & Payment



/ You knew this slide was coming/


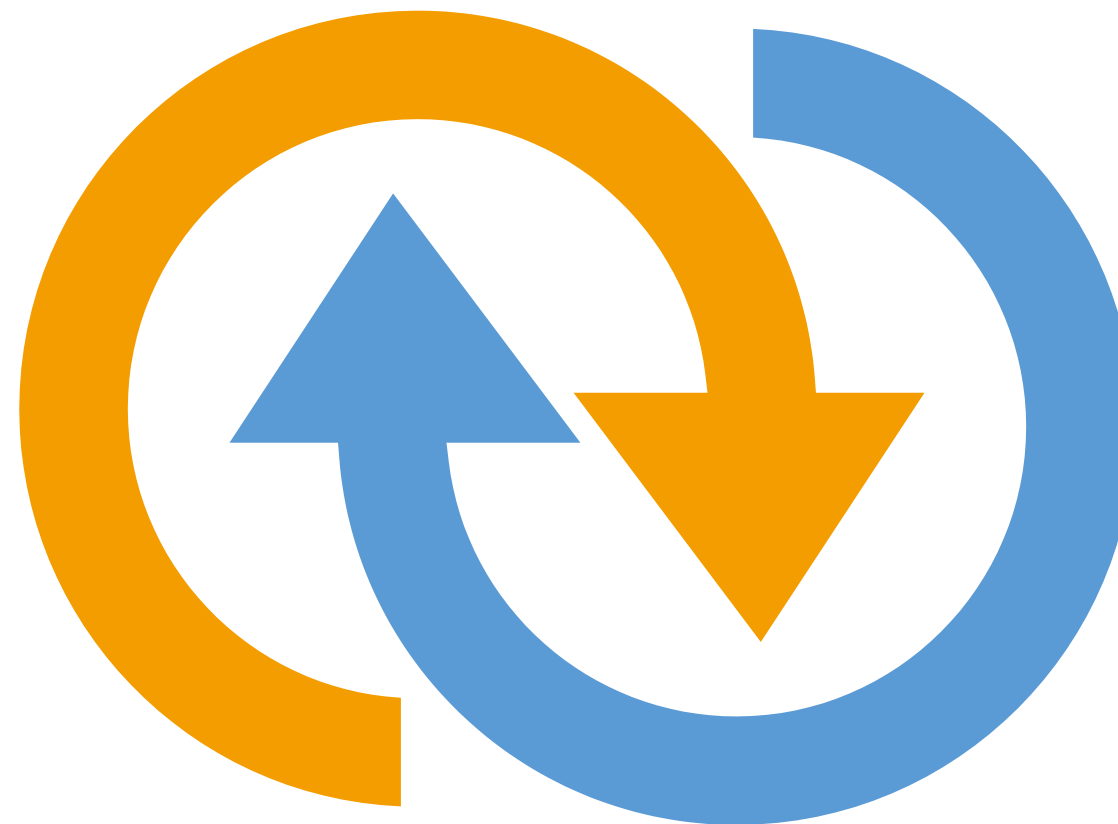


WATER WORKS

If one Utility is owned,
rent is 4 times amount
shown on dice.

If both Utilities are owned,
rent is 10 times amount
shown on dice.

© 1935, 2013 HASBRO



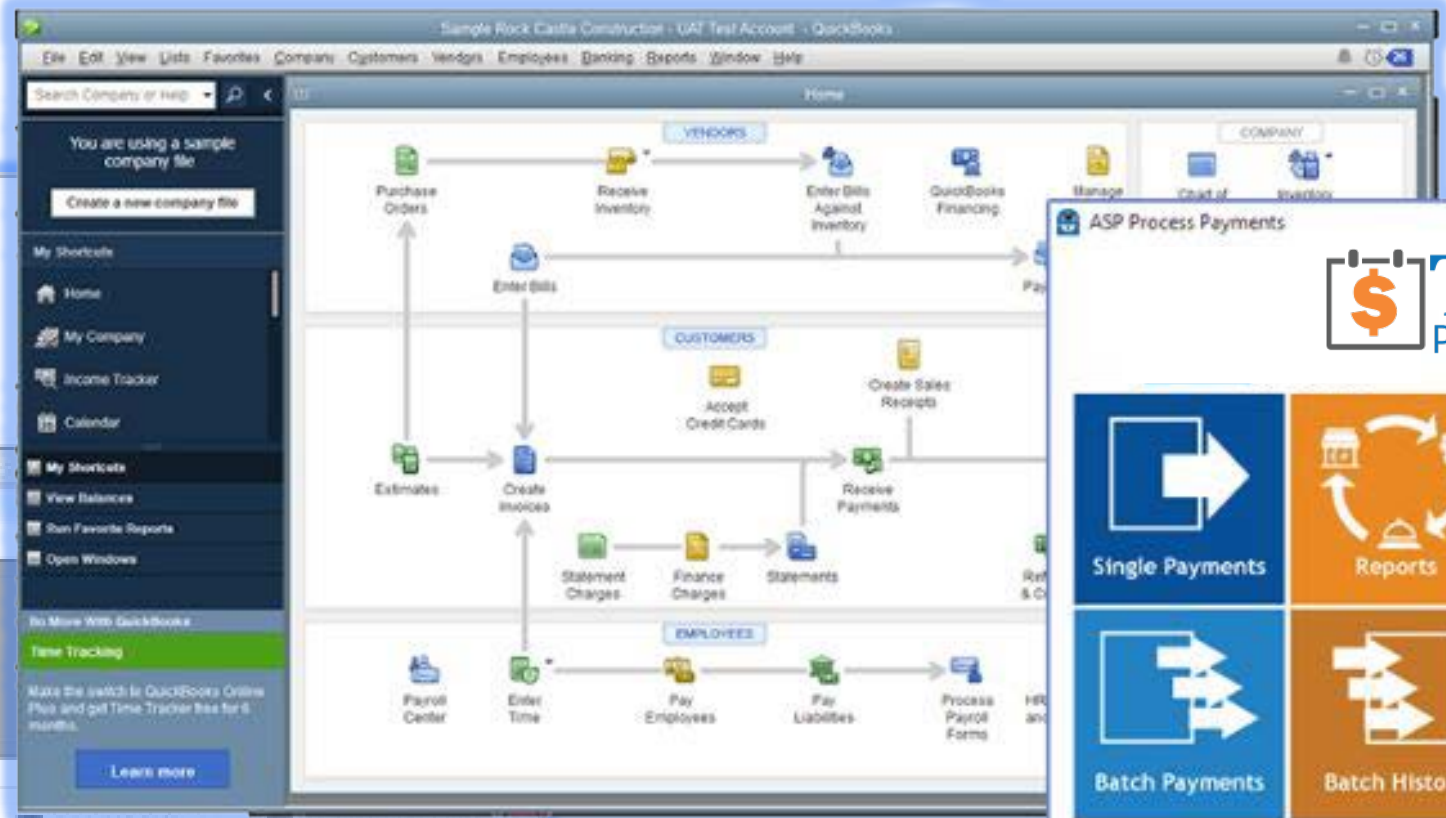
ELECTRIC COMPANY

If one Utility is owned,
rent is 4 times amount
shown on dice.

If both Utilities are owned,
rent is 10 times amount
shown on dice.

© 1935, 2013 HASBRO

QuickBooks® Integration



- ★ Automate Account Receivable Collection ★
- ★ Automate Account Payable Payments ★
- ★ One - Time or Recurring Credits or Debits ★

Good Funds Account – to become commonplace in the near future



Good Funds, is defined simply as: Irrevocable collected funds in a bank account and usable immediately by the owner of the account.

Good Funds payments allows for real-time digital payments that are **immediate, irrevocable, intra-bank and/or interbank account-to-account (A2A) Transfers** that utilize a real-time Messaging System connected to every transaction Participant through all U.S.-based financial institutions.



Real Time Balance

You will see your real-time balance and will be able to add additional funds to your Same Day ACH balance by clicking on "Fund Me" on your dashboard portal. Upon submission of funds, the transaction will have a "Pending" status, once funds have cleared status will change to say "Funded".

My Balance \$0.00 [Fund Me](#)

Date	Amount	Status
09/27/2018	\$25,000.00	Pending

Its simple to Add Funds to your Same Day ACH Credits Account

- You can request to add funds to your Credits funding balance from within the ACH account.
- Easily add funds because you will set up a specific target bank account from which these funds will be drawn.

ADD FUNDS
Add money to your balance

From Account: ****8363

Amount: \$ 15000

[Add Funds](#) [Close](#)

Hello!

In order to send Same Day ACH credits, you will need to fund your Same Day ACH Balance prior to sending any credit transactions. Transactions submitted as Same Day ACH cannot exceed your current funded balance. As transactions are processed they will be deducted from the Balance. You can always see your current balance on the Dashboard of your web portal where are also able to add additional funds.

[Add Funds](#)

Integrate with Today Payments



The image shows a screenshot of the Today Payments dashboard with a documentation overlay. The dashboard includes a sidebar with navigation options like Dashboard, Virtual Terminal, Email, Online Forms, IVR Manager, Reporting, Contacts, Settings, API, and Help Center. The main content area displays processing status for Credit Card, ACH, RDC, and RTP, along with summary tables for Total Volume, Debits, Credits, and Returns for each method. A 'My Reports' section is visible at the bottom.

The documentation overlay is titled 'Today Payments - RESTful API Documentation' and includes a 'Getting Started' section. The 'Getting Started' section contains a table of contents for the SVS RESTful API:

SVS RESTful API
Introduction
Benefits
Features
Getting Started
• Unique Test Account
• URLs
• Authentication

The 'Getting Started' section also includes the text: 'GoodFunds Gateway API is a secure, server based engine that provides support for transaction processing in real-time. Our RESTful API supports different formats available to use as listed below.'

Anti-Money Laundering



The **BSA** (Bank Secrecy Act) requires banks to have **BSA/AML** (Anti-Money Laundering) compliance programs and appropriate policies, procedures, and processes in place to monitor and identify unusual activity, including Real-time & ACH transactions.

Obtaining **Customer Due Diligence** information in all operations is an important mitigant of **BSA/AML** risk in ACH transactions. ODFIs and RDFIs rely on each other for **OFAC** reviews and other necessary due diligence information.



OFAC / BSA



OFAC (Office of Foreign Asset Control)

The part of the US Treasury Department responsible for enforcing United States economic and trade sanctions.



Same-Day ACH & Real-time payment "Credit Push"



Select a Site

1. SELECT A SITE 2. VERIFY CREDENTIALS 3. VIEW ACCOUNTS

Select your institution from the list below or search.

Citibank (online.citibank.com)
 Wells Fargo
 American Express Card
 J.P. Morgan JPMorgan Private Bank

U.S. Bank
 USAA
 BANK OF THE WEST BNP PARIBAS
 Capital One Bank

PNC Bank

Don't see your institution?

Log In

1. SELECT A SITE 2. VERIFY CREDENTIALS 3. VIEW ACCOUNTS

Wells Fargo HSA
www.wellsfargo.com

Please enter your Wells Fargo

User: _____

Password: _____

Remember me:

Linked Accounts

1. SELECT A SITE 2. VERIFY CREDENTIALS 3. VIEW ACCOUNTS

View all your accounts below. To remove an account, tap on the gear icon and delete it.

Cash	
Deg Saving Plus	\$305.00
<small>Savings x-4197</small>	
Deg Fixed Term Deposit	\$27,517.34
<small>Cd x-9881</small>	
Deg Saving Plus	\$305.00
<small>Savings x-4197</small>	
Deg Fixed Term Deposit	\$27,517.34

This message will be sent via Sales@GoodFundsGateway.com.

Send

To: LeeSmith@123.com

Account

Cc:

Bcc: {Name@SendingCompany.com}

Subject: {insert sending company name} has

{insert sending company logo}

PLEASE ACCEPT CREDIT

Hello Lee!

{insert sending company name} has sent you a credit in the amount of \$1,186.97. As the recipient, you have the option to accept this credit electronically (EFT) to your preferred bank account. **Message:** Agent Commission

You've Received a Payment

Deposit Amount: \$1,186.97

Select Deposit Account

New Bank Account

Select Check Type:

- Personal
- Business

Select Account Type:

- Checking
- Savings

Enter Routing Number: _____

Enter Account Number: _____

Re-Enter Account Number: _____

Authorize:

Accept Payment On: 7/21/2016

By selecting this check box, I authorize merchant to initiate a one-time deposit to the bank account provided.

Accept Payment

[Terms & Conditions](#)

Additional Details:

Accept this payment with confidence. Financial information entered on this site is protected by the highest level of encryption available for online transactions.

Providing the requested information will initiate an electronic credit to the account provided with an effective date of 06/20/2016 or 06/21/2016 if after 4:00PM PST. If requested information is not provided a paper check will be sent by US Mail to the address below on 06/23/2016.

THOMAS S. ANDERSON 1001
MARY ANDERSON
123 St. Phoenix, AZ
Arizona, USA 12345

SAMPLE \$ _____

4200049701 6734567890 4001

1. Routing Number 2. Account Number 3. Check Number

Case Scenarios: PNC Bank & Bank of America

both banks are owners of The Clearing House



PNC Bank - Online Banking & Bill Pay for Business

https://www.pnc.com/content/dam/pnc-com/pdf/smallbusiness/Quicken_Quickbooks-Enrollment-Form.pdf

Quicken® and QuickBooks® users:

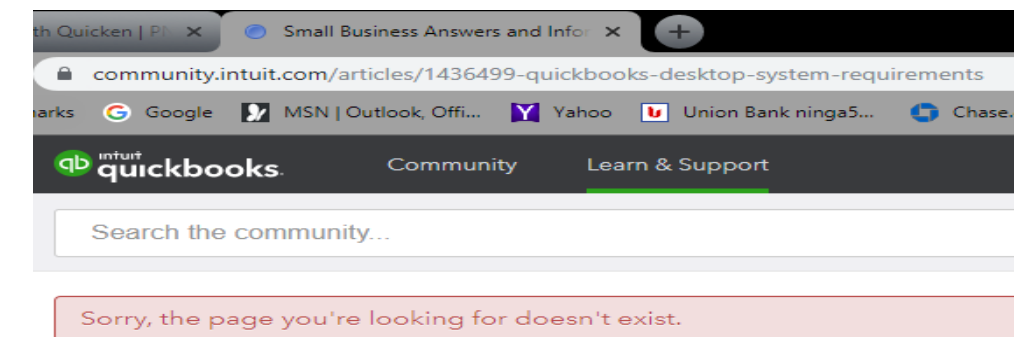
Get even more from your business software. Automatically update records and reconcile accounts faster with 24/7 direct access to your enrolled PNC business checking account. Sign up today and try it free for 1 month.^[8]

[Download Enrollment Application](#) | [Get Started Instructions and Guides](#)

Here's the Enrollment Application

The screenshot shows a web browser displaying the PNC Bank enrollment application form. The page header includes the PNC BANK logo and the text "Please follow these instructions to avoid delays in processing:". Below this, there are five numbered instructions. The fifth instruction is highlighted in yellow: "This form cannot be faxed. Please mail the completed enrollment form to:". Below the instructions, the mailing address for PNC Bank is provided: "PNC Bank, CIF Department (Online Banking), P7-PFSC-04-F, 500 First Avenue, Pittsburgh, PA 15219-3128". The form itself is titled "Applicant Information" and contains several fields: "Do you have a PNC Bank Business Checking Account?" with YES and NO radio buttons; "PNC Bank Business Checking Account:" and "Tax I.D. Number:" (9 digits without hyphens) input fields; "Business Type:" with radio buttons for "Sole Proprietorship/Partnership" and "Corporation"; "Company Name:" input field; "Business Address:" (Must match the address on file at PNC Bank) with "Address Line 1:" and "Address Line 2:" input fields; "City:", "State:", and "Zip Code:" input fields; and "Full Name:" (First, Middle, Last) input field.

Here are the *Get Started* Instructions and Guides



Case Scenarios: PNC Bank & Bank of America

both banks are owners of The Clearing House



Bank of America – Online Banking

<https://www.bankofamerica.com/smallbusiness/online-banking/quickbooks.go>



Basic features—including with Small Business Online Banking

Your enrollment in Small Business Online Banking includes these basic QuickBooks® features:

- Easy downloading of transactions from your checking, savings and credit card accounts using [Web Connect](#)
- Automatic transaction and balance updates when you log in to Online Banking from Bank of America through QuickBooks®
- Easy manual uploading to your QuickBooks® software

[Learn how to download transactions >>](#)

Upgrade today for advanced QuickBooks® integration

Upgrade to our [Account Management](#)¹ service for just \$15 per month—you can try it for 3 months at no charge, and the fee is waived when you have [Business Advantage Checking](#). You'll get access to [Direct Connect](#) and advanced QuickBooks® integration.

- Delegate day-to-day account responsibility to your employees, accountant or partner
- View accounts for separate businesses with a single Online ID
- Work directly in QuickBooks® to perform all your Online Banking tasks
- Use QuickBooks® to transfer funds between Bank of America accounts
- Make online payments, such as checks and bill payments, through QuickBooks®



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- ▼ [What version of QuickBooks® can I use with Small Business Online Banking?](#)
In order to download your account information or access it directly with Small Business Online Banking through QuickBooks®, you must use [QuickBooks® 2017 or later](#). A monthly service fee may be assessed to use Small Business Online Banking through QuickBooks®.
- ▼ [What is Web Connect?](#)
Web Connect allows you to automatically download your transactions from Small Business Online Banking, launch your QuickBooks® software and reconcile your transactions all in an easy step. With Web Connect, there is no more searching for downloads and importing Quicken® Interchange Format (QIF) files, and no more duplicate transactions due to multiple QIF downloads.
- ▼ [What type of accounts can I access through QuickBooks®?](#)
You can use QuickBooks with your checking, savings, money market and credit card accounts.
- ▼ [How does Small Business Online Banking through QuickBooks® via Direct Connect relate to Online Banking at bankofamerica.com?](#)
Your enrollment in Direct Connect automatically gives you access to Small Business Online Banking at bankofamerica.com. Both services share information, even with bill payments. When you pay bills with one service, they will be automatically reflected on the other service.



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In order to download your account information or access it directly with Small Business Online Banking through QuickBooks®, you must use [QuickBooks® 2017 or later](#). A monthly service fee may be assessed to use Small Business Online Banking through QuickBooks®.
- ▼ [What is Web Connect?](#)
Web Connect allows you to automatically download your transactions from Small Business Online Banking, launch your QuickBooks® software and reconcile your transactions all in an easy step. With Web Connect, there is no more searching for downloads and importing Quicken® Interchange Format (QIF) files, and no more duplicate transactions due to multiple QIF downloads.
- ▼ [What type of accounts can I access through QuickBooks®?](#)
You can use QuickBooks with your checking, savings, money market and credit card accounts.
- ▼ [How does Small Business Online Banking through QuickBooks® via Direct Connect relate to Online Banking at bankofamerica.com?](#)
Your enrollment in Direct Connect automatically gives you access to Small Business Online Banking at bankofamerica.com. Both services share information, even with bill payments. When you pay bills with one service, they will be automatically reflected on the other service.



Today PAYMENTS



***Integrating Bill Pay
Exchange with the
Billers' CRM, EPS and
Accounting System***