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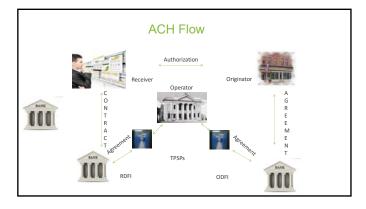


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Agenda

- ACH Overview
- Definitions
- Compliance Topics
- Risk Management
- Third Party Registration and Tool
- Questions

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Definitions

- Receiver-a person that has authorized the originator to initiate a debit, credit or non-monetary entry to their account at an RDFI- for debits term receiver means all persons signatures required for withdrawal on the account
 RDFI- a participating depository FI with respect to entries it receives from the Operator for their account holders

- OpEria a participating depository FI that transmits entries directly or indirectly to an Operator for transmittal to an RDFI TPSP- an organization that performs any functions on behalf of the originator, the ODFI, or the RDFI related to the processing of entries including the creation of a file or acting as a sending or receiving point Originator-a person that has authorized an ODFI (directly or through a third party
- sender) to transmit, for the account of that person an entry to an account at an RDFI

Third Party Sender Definition

· A type of Third Party Service Provider that acts as an intermediary in Transmitting Entries between an Originator and an ODFI, including through Direct Access, and acts on behalf of an Originator or Third Party Sender (Nested). A Third Party Sender must have an Origination Agreement with the ODFI of the Entry. A Third-Party Sender is never the originator for the Entries it transmits on behalf of another organization. However, a Third-Party Sender of Entries may also be an Originator of other Entries in its own right.

Formatting	
Company Name field- must contain the name of the originator of the transaction Continued is further defined as the narty which has been given authorization from the	
 Originator is further defined as the party which has been given authorization from the receiver to debit their account at an RDFI 	
Water Franching 2) and A tight remarks frageless per Confidents for MACL as only.	
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How do we spot a Third Party Sender	
• 3 Chances	
During the initial approval process During the on-boarding or testing process	
During routine originator reviews	
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Initial Approval Process	
Questions on the originator application	
Review of the type of business Payroll Processor	
Accounting Firm Law firm	
Merchant Service Company Property Management Company Billing Companies	
Review of previous activity if accessible	
WATER PROSPECTION 1) PARCEL AS again contrasts. Translation for Machines and	

During the On-boarding or Testing Process Requests for multiple Company IDs Company Name in test file is something other than what they are known to you as	
Notes of ages sewed Property of Confidence for Michigan and	
During Routine Originator Reviews Periodic spikes in volumes and exception volumes Multiple requests for file increases Multiple breaches of exposure limits	
MACL of given owned Property and Confidence for Michigans using	
What are the bank's obligations? - Agreements - Exposure limits - Identification of originators - Compliance with all applicable laws - Registration	
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What is Covered in the Agreement?

- ODFI-Operator- agreement to comply with FED Operating Circular 4 and the NACHA Operating Rules
 ODFI-TPSPs
 Rights and Responsibilities of each party
 Vendor management policy should further define contract expectations

 ODFI-Originator
 Right to Audit
 Right to Leminate
 Restrictions on activity
 Compliance with NACHA Rules and U.S. Law
 ODFI-Third Party Sender
 Requirement that the third party sender enters into an agreement with each of their originators prior to submitting entries

Exposure Limits

- · Must be established for each third party sender
- Ensuring on-boarding procedures capture the requirement
- Must be reviewed periodically
 - Ensure credit or ACH Policy addresses timing and frequency of the review
 - Ensure procedures are established to ensure policy statements are met
 - Operations should be providing reports or information related to transaction history as part
 of the review
- Must be reviewed across multiple settlement dates
 - Manual or automated

Identification of Originators (Stranger Danger) Rules provide the ability for the ODFI to request information from the Third Party Sender about any originator they are doing business with Third Party Sender has to provide information within 2 banking days of the request NACHA Rules are minimum requirements Bank may impose quicker time frame through agreement Audits Required for all Third Party Senders Must be completed by Dec 31st Can be internal or external audit Documentation must be maintained for 6 years NACHA required audit is supply a review of compliance with ACH Rules Regulator expectations of Third Party Sender reviews is much higher

Compliance with applicable laws and regulations

- REG E
 - Assurance from Third Party Sender that all ACH entries they submit on behalf of their originators are properly authorized
- OFAC
 - Domestic vs. International
- BSA
 - Know your customer and theirs
 - Suspicious activity reporting
- REG GG

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FDIC Recommended Controls and ACH Rules FDIC NACHA Rules Require agreements in place with Third Party Senders prior to · Ensure agreements are in place Adopt due diligence polices origination independent of the Third Party NACHA requires that an ODFI with any Third Party Senders with greater than .5% of their items Sender that outline thresholds for unauthorized items and what action FI can take if processor exceeds being returned as unauthorized put measures in place to reduce the limits rate or the Third Party Sender could be suspended FDIC Recommended Controls and ACH Rules FDIC **NACHA Rules** An ODFI must perform due diligence with respect to the Third Party Sender sufficient to form a reasonable belief that the Third Party Sender has the capacity to perform its obligations in conformance with these rules Third Party Senders must provide client information to the ODFI within 2 business days of a request Rules require that all FIs must comply with applicable federal and state laws & regulations Develop an approval process that goes beyond credit risk Require merchant processors to provide information related to their clients Establish procedures to act promptly to minimize consumer harm including filing SAR reports **NACHA Requirement** · 2.2.2 ODFI Risk Management An ODFI must perform due diligence with respect to the Third Party Sender sufficient to form a reasonable belief that the Third Party Sender has the capacity to perform its obligations in conformance with these rules.

Assess the nature of the activity and the risk it presents
 Establish, monitor and review exposure limits

Enforce any agreed upon restrictions

· Monitor activity

Further Due Diligence	
Who are the primary business partners of the third party sender? Ask	
- Check their website or marketing materials What products do their partners typical sell	
Ask Search internet for reviews or consumer complaints	
 FTC & CFB maintain databases for public access for consumer complaints and enforcement actions 	
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Credit Risk	
Selection On-going Monitoring	
Annual review	
With Procedure Co. Co. All often remark Propriets and Confidentia for MACO assembly	
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Selection	
Is this strictly a credit decision?	
Understand that not all Third Party Senders are alike Professional services company vs. payment processor	
Law Firms Payroll Companies	
Accounting Firms Merchant Providers Property Management Tuition Processing Companies	
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Underwriting • Board approved Credit or ACH Management policy should address the specific requirements for underwriting Type of financial information required Sources used for vetting Credit Reports on principal owners Requirement of the Third Party Sender to provide details of it's selection process and underwriting policy Details on activity Debit vs. Credit Internet/Telephone or in person authorizations · Consumer vs. Business

Exposure Limits

- Policy should define criteria or methodology used in establishing Third Party Sender exposure limits
- · Procedures for reviewing
- Procedures for periodic increases or decreases
 - Increases granted by staff with proper lending authority
- · Procedures for monitoring across multiple settlement dates
- · What are the procedures for the Third Party Sender to add new clients to their

Exposure Limits

- · Key elements in establishing limits
 - Risk Levels
 - Product
 - Separate limits for debits and credits
 - Aggregating the total exposure limit for both debit and credit transactions
 Assigning a cushion

 - Measuring across multiple settlement date
 - Allowance for mixed files or not

Monitoring	
File totals vs. expected totals	
 Dollar amounts per entry Returns Administrative by originator (File formatting is critical) 	
NSFAccount Number issues	
Closed accounts Stop payments	
Adjustments Unauthorized and Revoked Authorization	
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Monitoring	
Increases in returns	
- Why?	
New uniformed client Rates across the client base rise Specific client with NSF issues Significant contact from RDFIs with upset consumers	
What is the remedy? Anywhere between education and termination	
Agreements should have immediate termination clause Timing of termination needs to be planned Draft procedures for soliciting information about a specific client of the Third Party	
Sender	
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Review	
Annual or as required by the Credit or ACH Management Policy List of reports needed from operations	
Volumes, return rates, over limit situations Specific information needed for review	
Credit Reports Check for legal issues for the owners FTC of CFB actions	
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Annual Audit of the Third Party Sender	
What are you requiring the Third Party Sender to provide as proof of completion? Certification Audit Sheets	
 Audit Report Requirements for follow up on non-compliant finding or operational issues raised during the review 	
This should be addressed in the agreement	
WORK RESIGNED.	
Fraud Risk	
Data Theft Jacomplete Tennactions	
Incomplete Transactions Debit or credit Products or services not delivered as promised Deceptive marketing practices Account Take Overs	
Phishing Payment scams	
Nested Third Party Senders	
SECS. A light served Propriate year Cardinated for MAC and referred for MAC and refe	
Mitigation	
Selection Manitoring	
Monitoring Review	

Selection	
KYC Policies Who is the third party sender doing business with?	
 Ensure selection of Third Party Sender and their clients fits with the risk appetite of the bank 	
Procedures for checking legitimate sources O.W.L.	
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Monitoring	_
Dollar amounts per entry Returns Administrative by originator (File formatting is critical)	
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Closed accounts Stop payments	
Adjustments Unauthorized and Revoked Authorization	
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Review	
Volumes	
Return Rates Shifting of volumes to other payment instruments	
- International Wires - Remotely Created Checks	
- Prepaid Cards	
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Review of audits or on-site inspections - Third Party Sender internal controls - Review of security procedures in place to handle ACH data - Ensure Third Party Sender compliance with your security procedures • How many exceptions were there during a particular period or year? • Are the Layers in place according to FFIEC Guidance? • Is there an education or information sharing program in place • How does this information get past to the client of the Third Party Sender?	
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Operational Risk	
Hardware failure Software failure Telecommunications failure	
Power failure Human error	
Staffing Disaster	
water from the contract the speciment from the contract from the c	
Mitigation	
Mitigation • Contingency plan for the FI	
 All aspects of processing including notification to all Third Party Senders that there is a processing issue 	
Contingency plan for the Third Party Sender Ensure that files are backed up from clients for reproduction Create notification process with clients	
Education of Third Party Sender staff Requirement to have an AAP? Braide training the allower of the Third Party Sender?	
 Provide training to the clients of the Third Party Sender? 	
NAME AND A STATE OF THE PROPERTY AND CONTRACTED ON THE CONTRACTED	

Review of the Risks Third-Party Senders What are they sending? Do they have contracts with the originator? Are they financially sound? Who is ultimately responsible? Who are they really?



Third-Party Sender Registration Overview

- This rule requires every ODFI to either register its Third-Party Sender customer(s) with NACHA, or provide to NACHA a statement that it has no such customers
- The registration process will promote consistent customer due diligence among all ODFIs, and serve as a tool to support NACHA's continuing efforts to maintain ACH Network quality.
- This registration model is similar to what is already used with Direct Access Registration. NACHA will provide both Direct Access Registration and Third-Party Sender Registration via a single platform because many ODFIs that have neither Direct Access customers or Third-Party Senders could attest to both at one time

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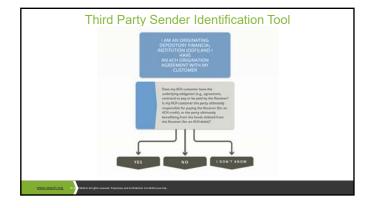
Third-Party Sender Registration FAQ Q: What will NACHA do with the information? A: This registry will be a foundational tool for ACH Network risk management and could be helpful in the following scenarios: Provide baseline information on Third-Party Senders in the ACH Network Identify instances in which a Third-Party Sender uses multiple ODFIs Identify instances in which a Third-Party Sender is terminated by one ODFI but is registered by one or more other ODFIs Facilitate risk investigations when necessary

Recent Rule changes and communication related to **TPS**

- March 2014 rule change revised the definition of a Third-Party Sender to help industry participants better understand the fundamental characteristics of the relationships between Third-Party Senders, Originators and ODFIs.

 December 2014 NACHA released an Operations Bulletin (ACH Operations Bulletin #2-2014: ACH Transactions Involving Third-Party Senders and Other Payments Intermediaries)
 - provided examples to help properly categorize the parties in payment scenarios involving payment intermediaries, many of which are Third-Party Sender relationships
 served as the basis for a web-based "Third-Party Sender Identification Tool see https://www.nacha.org/third-party-sender-identification-tool
- January 2015 rule change became effective that explicitly applied certain ODFI risk management obligations to Third-Party Senders. (Subsection 8.104 "Third-Party Sender," 2016 NACHA Operating Rules)

Third Party Sender Identification Tool To begin, select the category that describes your organization.



Elements of the Third-Party Sender Registration Rule · Initial Registration Supplemental Information • Enforcement

Initial Registration

- ODFIs with no TPS simple statement to acknowledge this via the registry
 Registry will be tied with Direct Access registry
- ODFIs with TPS initial basic information provided via registry
 ODFI's name and contact information
 name and principal business location of the Third-Party Sender
 routing number used in ACH transactions originated for the Third-Party Sender (as included in the Originating DFI Identification field)

 Control in the Originating DFI identification field)
 - Company Identification(s) of the Third-Party Sender
- ODFIs will be able to register using an automated, batch upload.
 single platform for both Third-Party Sender registration and Direct Access registration

Initial Registration

- ODFI is required to provide the initial registration information within 30 days of originating the first ACH entry for the customer

 If ODFI becomes aware that an unregistered customer is actually a TPS that should be registered, the Rule provides 10 days for the ODFI to register that customer.

 For example, an ODFI that learns through its own monitoring that an existing customer is a Third-Party Sender would have 10 days to register the Third-Party Sender from the date it makes such a determination.

 ODFI also might learn of a Third-Party Sender from NACHA's risk investigations staff, which would notify the ODFI in writing that it has 10 days to register the Third-Party Sender.
- ODFI is required to update the registration information on the TPS within 45 days following any change to the information previously provided, including if the Third-Party Sender relationship is terminated.
 A period of 45 days balances the need for the registration information to be reasonably current, while enabling ODFIs to submit updates on a regular, routine schedule following the end of a calendar month or similar periodic reporting cycle.

Initial Registration

- Requirement applies to TPS that are the ODFI's direct customers, as well as those other Third-Party Senders that are direct customers of the first Third-Party Sender, otherwise known as "nested" Third-Party Senders.

 To aid ODFIs with due diligence regarding nested Third-Party Sender relationships, the Rule requires Third-Party Senders to disclose to their ODFIs any other Third-Party Senders for which they transmit ACH entries.

 - The Rule also obligates Third-Party Senders to provide their ODFIs, upon request, with any registration information needed.
- The obligation to register applies regardless of whether the ODFI allows the Third-Party Sender Direct Access to an ACH Operator.
 In the case of Direct Access, the ODFI must register the Third-Party Sender with NACHA in addition to registering its Direct Access status.

Supplemental Registration

Beyond the initial registration information, it may become necessary for NACHA to request and receive additional information about a TPS.

NACHA would request this information regarding risk events, which are cases in which NACHA believes that a TPS poses an escalated risk of:

- (i) financial loss to one or more Participating DFIs, Receivers or Originators,
- (ii) violation of the Rules or Applicable Law, or
- (iii) excessive Returns

Supplemental Registration

If it becomes necessary for NACHA to receive additional information about a Third-Party Sender, upon receiving a written request from NACHA, an ODFI will be required to provide **within 10 Banking Days** any or all of the following information that is requested:

- any doing-business-as names, taxpayer identification number(s), and street and website address(es) of the Third-Party Sender;
 the name and contact information for the Third-Party Sender's contact person;

- names and titles of the Third-Party Sender's contact person; names and titles of the Third-Party Sender's principals; the approximate number of Originators for which the Third-Party Sender transmits entries; and
- a statement as to whether the Third-Party Sender transmits debit entries, credit entries or both.

Enforcement

The existing enforcement approach and procedures that apply to all NACHA Operating Rules will be used. This includes:

- Risk investigation and Rules enforcement communications always begin with the ODFIs
- · ODFIs will have an opportunity to respond, including whether an alleged violation has been remedied
 - NACHA will have authority to sanction and/or fine ODFI for non-compliance. There are no automatic fines. Fines, if at all, occur at the end of the enforcement process.

Effective Date - September 29, 2017

- This will be the first date the Third-Party Sender registry will be available for ODFIs to begin submitting registration information.
 - Leguri Subrituuring registration information.

 Many ODFIs will be focused on going live with Phase 2 of Same Day ACH in the time period leading up to that effective date of September 15, 2017; therefore an effective date for this Rule is after the go-live date for Phase 2 of Same Day ACH.

 With this effective date, ODFIs will have more than a full year to be ready to register their Third-Party Sender customers.
- NACHA will provide ODFIs with an implementation period to submit initial registration information, or to provide statements that the ODFIs have no Third-Party Sender customers, in order to allow for implementation to be spread out across a reasonable time period.
 - The implementation period will last through March 1, 2018.

Implementation checklist ODFI with no Third-Party Senders Review current clients to ensure no TPSs Submit statement indicating no TPS clients ODFI with Third-Party Sender clients Review current clients to ensure all TPSs are identified Ensure all information for an initial registration is available for all identified TPS Develop procedures for submitting initial registrations (both for those current TPS customers and new customers after Sept 2017) Develop procedures for submitting updates to registered TPS Develop procedures to gather information and respond to requests for supplemental registration information

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