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# Money Movement Solution

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# Money Movement Solution Objective

To provide an end-to-end electronic business process solution integrated with internal and external applications for the purpose of initiating, managing, monitoring and validating the transfer of funds, inbound, outbound and internal, for all client interactions relating to money movement

## Solution objectives:

- Eliminate paper based manual processing
- Straight-Through-Processing to eliminate human errors and delays
- Meet OCC Audit compliance
- Increase accountability
- Aggregate information for better process management at a transaction level
- Integrate with existing security framework for transaction authorization purposes



# Money Movement Solution Description

This solution provides an electronic capability to track the end-to-end process relating to the movement of funds between systems and organizations while providing appropriate audit, tracking and security to meet compliance requirements and streamlining the business process at the same time.

The money movement requests are secured through Single Sign-On and an extensible authorization and entitlements framework built on Active Directory and SQL database technology. The money movement transaction is initially created as a work object for one of the following requests:

- Wires (in/out)
- ACH (in/out)
- Checks (in/out)
- Journal Entries (internal transfers between accounts)
- IRA contributions
- IRA distributions

- Satisfy the compliance requirements set forth by the regulatory bodies/organizations
- Expensive data transformations and interface upkeep to support existing electronic gateways
- Reduce the risk of fraudulent transactions
- Increase customer confidence, loyalty and service levels
- Real time end-to-end view of a money movement request
- Leverage existing enterprise infrastructure
- Provide an extensible authorization and entitlements framework

# Money Movement Solution Value Proposition



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- Regulatory (I.E. OCC) compliance
- Straight through processing
- Can be integrated with your legacy system
- Real time view into any transaction involving the movement of money
- Incoming cash transactions to a Brokerage Account
- Outgoing cash transactions from a Brokerage Account
- Funding to a Brokerage Account, both IRA and Non-qualified accounts
- The solution contains custom portlets (My Inbox, Shared Queue, Money Tracker, Search Documents etc.), which uses JPF JSR-168 portlets and netUI tags which provides customized look and feel with a hub and spoke model. Using this solution will give a jumpstart to the development efforts which will result in saving of time and cost.
- Extended authorization and entitlements capability

# Money Movement Solution Key Business Drivers



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- Manually intensive Money Movement requests require many hand-offs that make it difficult to determine the status or whereabouts of a request increasing the total cost of ownership and reducing customer satisfaction
- Proprietary systems and message formats require costly updates and maintenance
- Information security
- Business agility to react to market changes and competitive drivers
- Life cycle development cost and speed to market
- Manually intensive paper based solutions lend themselves to increased risk of fraudulent activity
- OCC compliance
- Transaction security. Lack of an audit trail making it difficult to track and manage all activities related to a money movement request

# Dual Security Controls in Wire Transfer Process



There are several levels of security applied to the Wire Transfer process...

- Process Engine Security – This will be implemented using AD groups and Workflow groups through Process Designer and Process Configuration Console tools

Name of the Group	Type of Group	Workflow Steps
F_Originator	Workflow Group	Preparer
WT_Level1Approver	Workflow Group	Level 1 Approval
WT_RiskReviewer	Workflow Group	Ops Coordinator
WT_Level2Approver	Workflow Group	Level 2 Approval
WT_ExceptionApprover	Workflow Group	Exception Approval
WireSEICommitter	Local Domain	OPS Queue
WireCompQueue	Global Security	All Component Queue steps

Application Function/Roll Based Security is handled outside FileNet using bus Services which will query the Entitlements database to access the Entitlement Related Information for a user

- Content Engine Security – Active Directory groups through FileNet Enterprise Manager

Name of the Group	Rights	Applies To
Wire	View all properties – yes Modify all properties – yes WCM Deploy – no WCM Archive – no View Content – yes Link a document/Annotate – no Publish – no	This object only

# Money Movement Solution Unique Capabilities



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- Integration with existing web services to obtain the authorization information for the user accessing the money movement application
- Extended authorization and entitlements managed outside of FileNet P8 utilizing a preferred database technology
- Request Dashboard providing drill-down capability of open money movement requests
- Automatic email notification is sent to the supervisor and requestor when a request is created to provide visibility into the process. This way the system helps the stakeholders proactively by providing important information at appropriate times to those who need to know throughout the money movement process
- Money Movement solution enables all permitted users to open, close and check the status of a money movement request in progress. It provides filtering criteria to locate a particular transaction or set of transactions that the user is interested in. This unique capability helps the business user to track down any request at any point of time

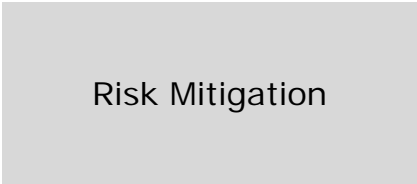


# Money Movement Solution Business Benefits

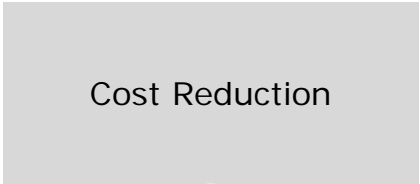


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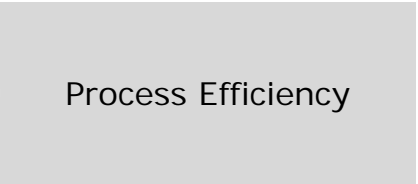
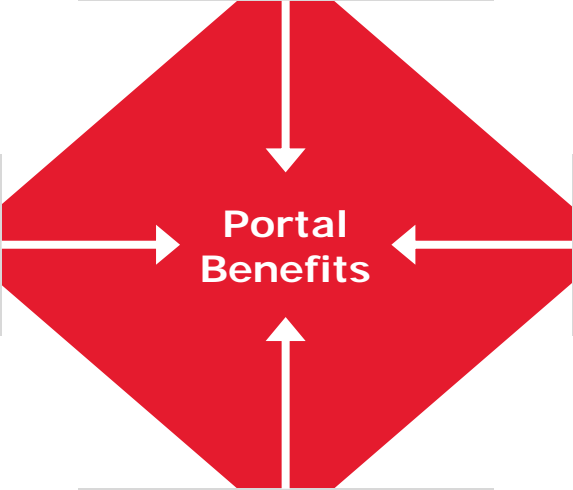
The new FileNet infrastructure and workflow provides value to the Trust organization across several dimensions. This capability provides a foundation for continued improvements into the future.



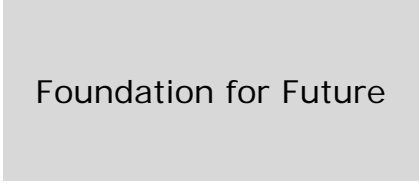
- Improved support and disaster recovery from new data center
- Wire transfer eform and workflow improves standardization and monitoring of wire process
- Access managed through PCS entitlements database
- OCC dual channel authorization compliance



- 40% reduced go-forward storage cost
- Compliance and risk requirements met by a single optical backup solution



- Images scanned 30% faster
- Improved document retrieval time for 1,200 users
- PDF format allows users to cut & paste instead of re-keying information
- Improved search allows for finding info faster
- Wire transfer request form auto-populates data to save time



- New servers provide scalability and easier recovery
- Portal (Weblogic) provides foundation for future services

# Money Movement Solution Return on Investment



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## Time Value of Money

- Reduce delays in securing funds via movement request to register the request sooner, process it faster, and get the money as "on the books" sooner. Huge revenue opportunities as fees/interest are accumulated sooner rather than later

## Process Streamlining

- Paper form and policies/procedures have been brought together in one tool
- Business takes ownership of process via design/modeling tools to allow for more frequent updates and changes
  - Automation of Business Rules
- Validation of data to ensure that all required fields have been completed prior to submitting the request
- Routing of eForm request has been captured in the business rules of the application

## Tracking

- Ability to track the money movement request through the approval process
- Steps within the workflow route are captured and moved forward electronically

## Risk Reduction

- Lessens the security and audit risk previously associated with such transfers
  - The money movement request cannot move forward to be processed without the required Dual Control
  - Workflow Steps and User-ids are captured in a database and serve as an audit trail
  - Reporting features allow for both predefined and ad-hoc reports



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Thank You!





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