



Confirmation API Automation For Banks



Introducing
Mike Baum,
Senior Product Manager

Mike Baum has been in the Information Technology industry for over 27 years including the last 11 years with Confirmation. His primary focus for the last six years has been leading the Confirmation API & Integration product offerings used by financial institutions, accounting firms, and third-party applications around the globe to the make their processes more efficient, accurate, and timely.

Agenda

1. Overview of services
2. AutoProcess API
3. RequestActivity API
4. CompletedResponse API
5. Onboarding
6. Open discussion



Confirmation A Strong Foundation

Thomson Reuters® Confirmation is the most widely used digital platform and global network for confirming financial data



125,000

Professionals



16,000

Audit Firms



4,000

Banks



1,000

QC Auditors



5,500

Creditors



850,000

Clients

Differences that Matter

- Confirmation is the only service that validates the business details of both auditors and bankers before they can use the platform
- All signatures, attachments and completed confirmation documents are protected using AEWs-256 encryption, eliminating the risk of financial data being accessed by an unauthorized party
- Firm-to-client communication through Confirmation results in a clear, digitized audit trail on each engagement

Available Services

AutoProcess

- Automate the retrieval of confirmation request data
- Automate providing the response data back to Confirmation

RequestActivity

- Automate the retrieval of the Confirmation History actions for all requests with activity in a historical date range
- Responders can use this data to calculate metrics for their own internal reporting

CompletedResponse

- Automate the retrieval of the data for confirmed requests
- Data includes final PDF, all attachments, and all request metadata

A futuristic city street at night, featuring a curved road with light trails from traffic, modern glass buildings, and a blue color palette. The scene is illuminated by city lights and a blue tint, creating a high-tech, urban atmosphere.

AutoProcess Responder API

Why add the AutoProcess API?

Automate responses

Reduce staff time / overhead

Eliminate data entry errors

Improve response time

Key Features

- Schedule interactions based on bank preference
- Supports all available form types
- Data is exchanged over secured web services
- Configurable per department & per form type

3 of the top 5 US banks use our APIs

FUN STAT: 588,800+ requests processed through AutoProcess between July 2021 - June 2022

Response process without AutoProcess API – better than traditional, manual paper process, but still requires human interaction

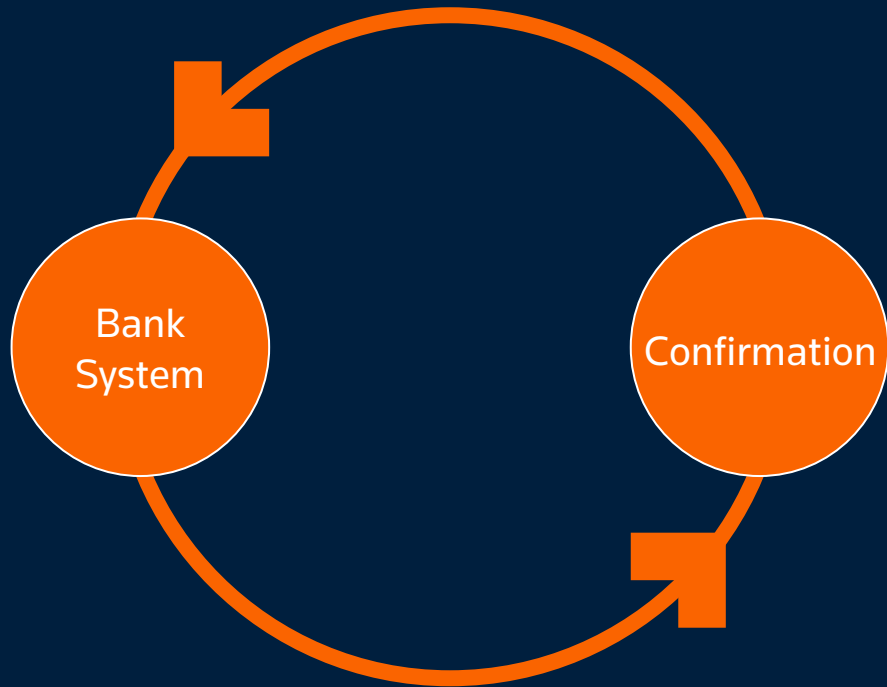


Benefits

- Centralized platform for processing
- Secure transfer of data
- Protects client information
- ...and more (see benefits of digital confirmations)

Response process with AutoProcess API – gain further efficiencies and optimization

Bank programs internal system to check Confirmation for requests



Bank systems read the requests, automatically input data and send back to Confirmation

Benefits

- Hundreds of confirmations completed in minutes
- 90% faster response time than existing processes on average
- Reduced need for additional staffing or overtime during peak seasons

Security

HTTPS

Encrypts and decrypts web-based requests as well as the data that is returned

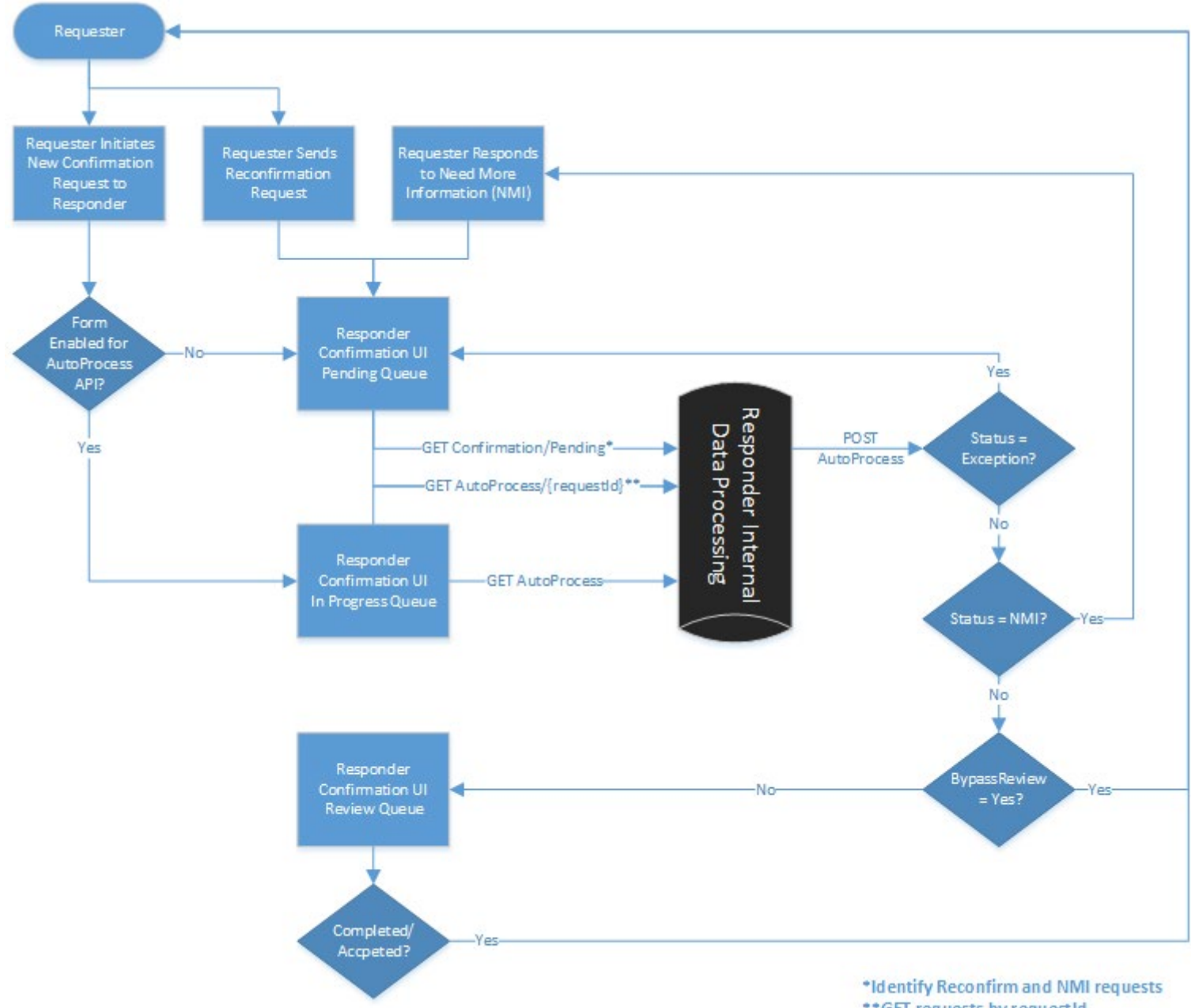
IP Restrictions

Limits connectivity to Confirmation to specific IP addresses to prevent unauthorized access

X.509 Certificates (optional)

Exchange of private and public digital certificates ('keys') between two parties to ensure the identities of the both systems

Automation Workflow



*Identify Reconfirm and NMI requests
**GET requests by requestId

Web Service Overview

Authentication

Summary

The POST Login service is used to authenticate to the web services and obtain a token to be used in the other API service calls

Data Elements

A User ID is created for the bank who then maintains their own Password to the services

Additional Detail

The authentication is combined with IP Restrictions and encryption certificates to secure the connection between the Confirmation and bank systems and to limit the scope of data access to the departments and forms configured for automation

Retrieve Requests

Summary

The GET AutoProcess service is used to check for queued requests configured for automation and download the XML data into the bank systems for processing

Key Data Elements

- Request ID
- Client Entity Name
- Authorized Signatories (including signature images)
- Accounting Firm & Auditor Information
- Primary and Secondary Account Identifiers
- Balance Request Date
- Response Template

Provide Response

Summary

The POST AutoProcess service is used to return the bank's response for an automated confirmation request to Confirmation

Key Data Elements

- Request ID
- Response Template
- Attachments

A futuristic city street at night, illuminated with a strong blue color grade. The scene features a curved road with light trails from traffic, modern buildings with glowing windows, and a prominent overpass structure. The overall atmosphere is sleek and high-tech.

RequestActivity

Responder API



Web Service Overview

Authentication

Summary

The POST Login service is used to authenticate to the web services and obtain a token to be used in the other API service calls

Data Elements

A User ID is created for the bank who then maintains their own Password to the services

Additional Detail

The authentication is combined with IP Restrictions and encryption certificates to secure the connection between the Confirmation.com and bank systems and to limit the scope of data access to the departments and forms configured for automation.

Request Report

Summary

The POST Report/RequestActivity service is used to request a report of activity within a historical date range for all requests that have activity within that date range and are in scope for the API credentials used.

The POST Report/RequestActivity service responds with the data elements sent in the request as well as a ReportID to be used in the GET Report/RequestActivity service.

Key Data Elements

- StartDate
- EndDate
- ReportID

Retrieve Report Results

Summary

The GET Report/RequestActivity service returns the status and, when completed, the results of the report request submitted in the POST Report/RequestActivity service by passing a ReportID as a URI parameter.

The ReportID is returned from the POST Report/RequestActivity service.

Key Data Elements

- Report header with Date Range and Departments in scope
- All confirmation requests with at least 1 action/activity within the date range provided
- All actions/activities that occurred within the date range provided
- Date and time of each activity
- Metadata detailing each request and each action/activity
- Comparable data is provided in the Confirmation History in the user interface for each request

A futuristic city street at night, illuminated with a blue color scheme. The scene features a curved road with light trails from vehicles, modern buildings with glowing windows, and a prominent white and orange text overlay. The overall atmosphere is sleek and high-tech.

CompletedResponse Responder API



Web Service Overview

Authentication

Summary

The POST Login service is used to authenticate to the web services and obtain a token to be used in the other API service calls

Data Elements

A User ID is created for the bank who then maintains their own Password to the services

Additional Detail

The authentication is combined with IP Restrictions and encryption certificates to secure the connection between the Confirmation and bank systems and to limit the scope of data access to the departments and forms configured for automation

Request Report

Summary

The GET CompletedResponse service is used to retrieve confirmed requests. All data elements available in the completed request form are available in XML or JSON format. All attachment files and a copy of the PDF version of the completed request are also included in Base64 strings.

The service can be called without a URI parameter to retrieve the next available confirmed response from the responder's queue. Or, a RequestID can be provided as a URI parameter to retrieve a specific confirmed request.

Key Data Elements

- Request ID (optional URI parameter)
- Final PDF
- Attachments
- All Request Metadata

A futuristic city street at night, featuring a curved road with light trails from vehicles. The background is filled with modern, illuminated skyscrapers and a complex network of light trails, suggesting a high-tech urban environment. The overall color palette is dominated by deep blues and oranges.

Next Steps

Onboarding

Onboarding Process

1. Provide API documentation
2. Demonstration of Sandbox capabilities
3. Sandbox user setup
4. Design/testing*
5. Implementation

** Standard implementations can be completed within 60-90 days*



Available Resources

Online Documentation and Testing Site

The screenshot shows the login page for Confirmation API Services. At the top left is the CONFIRMATION logo. Below it is a blue banner with the text "Confirmation API Services" and "Welcome to the Confirmation integration web services documentation site. Credentials are required for access." Below the banner are two main sections: "Login to Your Account" and "Additional Details / Request Access".

Login to Your Account

Username

Password

[Log on](#)

[I forgot my password](#)

Additional Details / Request Access

The Confirmation API Services site facilitates data integration implementations with our clients and partners by providing documentation and test tools for the available services.

To learn more about the Confirmation platform, please visit www.confirmation.com or Contact Us.

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The screenshot shows the dashboard page for Confirmation API Services. At the top left is the CONFIRMATION logo. To the right of the logo are navigation links: "Documentation", "Test Drive Services", and "Software Development Kit". Further right is the user name "Welcome, Mike Baum" and a "[Logout]" link. Below the navigation is a blue banner with the text "Confirmation API Services". Below the banner are three main sections: "Account Administration", "Documentation", and "Test Drive Services".

Account Administration

Manage users and account details.

Documentation

View descriptions, detailed specifications, and request and response samples for each service.

Test Drive Services

Test the services in a sandbox to better understand and request and response objects.

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A futuristic city street at night, featuring a curved road with light trails from traffic, modern skyscrapers, and a blue color palette. The scene is illuminated by city lights and light trails, creating a sense of motion and depth.

Open Discussion

Q&A

Thank You!

