## **Bank APIs**

Automate your Confirmation workflows and save time!



#### Introduction: Mohamad Khanafer

- Senior Product Manager and API Lead at Thomson Reuters® Confirmation
- Focused on regional and global integrations with Financial Institutions, Accounting Firms and 3<sup>rd</sup> Party Applications
- Outside of Confirmation: enjoy hiking and cycling





#### Helping financial institutions

Confirmation streamlines the confirmation response in one secure place.



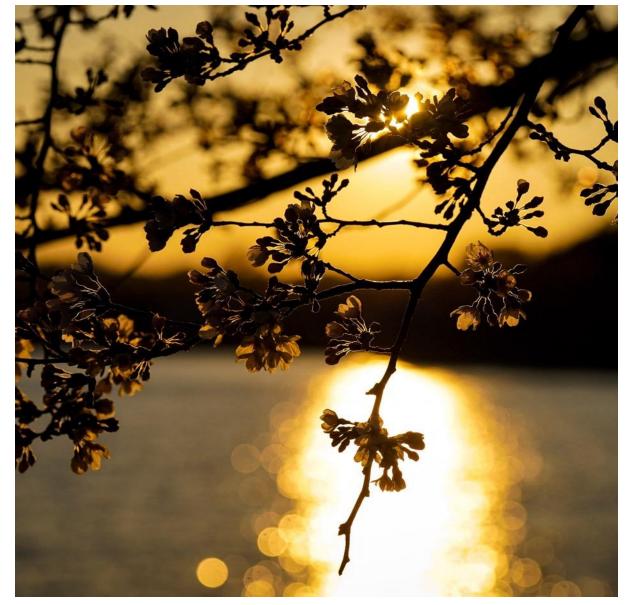
Fast: Empower your staff to respond to more requests in less time



**Secure:** Our robust data-security system keeps your customers' data safe



**Trusted:** Each party on the platform is validated. Using our digital platform prevents fraud and risk of reputational harm





#### What you get with Confirmation APIs





Reliability





Flexibility



Scalability



Security



# Setting the Standard for Security

We're committed to protecting the privacy and confidentiality of our customers' data and to ensuring the security, availability, and integrity of our platform.

Our services meet or exceed major industry standards and pass hundreds of security audits annually.

For example, we complete biannual SOC 1, SOC 2, and ISO27001 audits, and undergo annual manual penetration tests conducted by reputable 3<sup>rd</sup> parties as well.







- ✓ Numerous annual external security ✓ reviews; including big 4 accounting firms + top 10 banks
- ✓ SOC 1 and SOC2 audits annually
- ✓ Annual PCI assessments
- ✓ ISO 27001 certified
- ✓ World-class secure data centers
- Robust application, infrastructure, SIEM and DLP monitoring and logging
- ✓ Secure authentication using SSL/TLS1.2 protocols and MFA, SSO options for clients
- Multiple endpoint detection agents to monitor and defend the environment

- Formal vulnerability management program, policies, and standards
- Extended validated SSL for website identity verification
- ✓ 256-bit SSL encryption/HTTPS throughout site
- 192-bit Triple DES encryption of all sensitive data
- Vulnerability and penetration testing
- Daily testing by Qualys Cloud Platform
- Annual manual ethical pen testing by third party
- Annual business continuity and disaster recovery testing



### API Automation

What challenges are you trying to solve?



#### Single Sign-On (SSO)

Allows you to have secure access to the Confirmation platform without needing a separate username and password than what you already use at your bank.



#### **Answering Confirmations (Auto Process)**

Enables you to automate the retrieval of confirmation request data as well as providing response data back to us.



#### Reporting (Request Activity)

Enables you to automate the retrieval of the Confirmation History actions for all requests with activity in a historical date range.





SSO



#### What is SSO and how it works

- Better user experience for bank employees
- · Full control to who has access to the Confirmation user interface
- Manage employee attrition
- Ensure regulatory compliance and pass internal security reviews
- Can be implemented in under a day



User Management

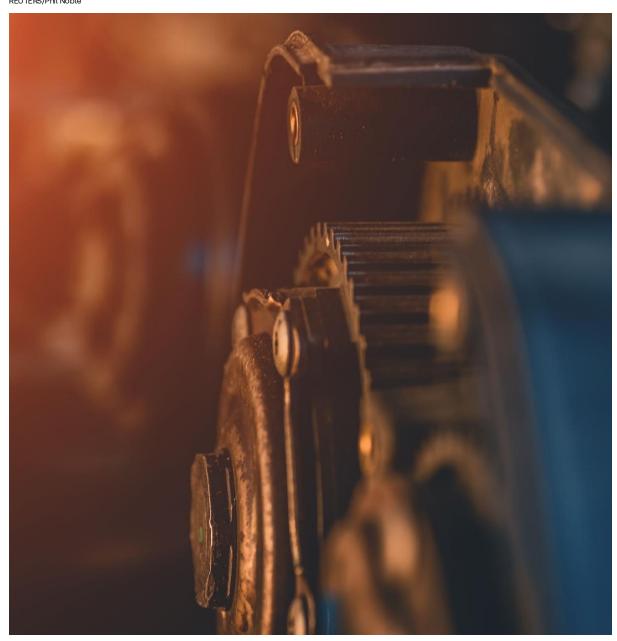


Security



Compliance





## **AutoProcess**



#### How API automation works

systems and never gains access to your bank's customer data unless your bank sends the data Confirmation Bank gets data from Confirmation via API Request initiated **Auditor** Bank Data sent back to auditor through Confirmation via API Consolidated data from your bank's internal Internal systems systems goes through Confirmation directly to 3 the auditor using Straight Internal systems Through Processing (STP) The bank consolidates data Internal systems from multiple internal systems

**Note:** Confirmation will never access your bank's

# Responding with Confirmation



Log into Confirmation and open a request



Review request information



Access your bank systems to retrieve customer info



Copy and paste customer data from your system into Confirmation



Complete and confirm the request

## **Using Confirmation APIs**



Your bank's internal systems use our API to automatically check for new confirmation requests and fetch machine-readable data from Confirmation.



Using the AutoProcess API, your systems query the account data, populate a confirmation response, and send it back to an auditor via Confirmation. Our reporting API can be used to fetch historical confirmation data so you can slice and dice the data.



Our APIs enable straight-through processing, allowing for the completion of hundreds of confirmations in minutes. Your customers will benefit too, since our most popular API AutoProcess facilitates 90% faster response times, keeping their audits on track.



### Asset Verification APIs are now available!

AutoProcess works for Audit confirmations and Asset Verification requests.





## Confirmation APIs by the numbers

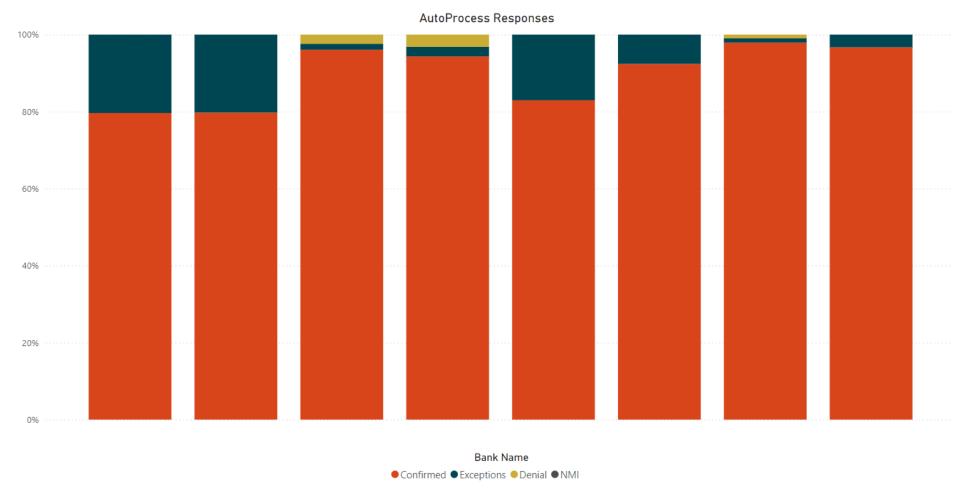
The successes of our current partners.

- More than 2M requests processed via APIs since January 2022
- 26% of global confirmations are responded via API
- APIs are used by top banks in the US, UK, Latin America, Germany, Spain and APAC.
- More than 250,000 requests in Busy Season 2023 we're confirmed via APIs by our banking partners.

- 3 of 5 top banks in the U.S. use APIs to process requests.
- A top 10 U.S. bank processed more than
   44,000 requests using APIs during 2022 busy season up from 11,000 requests in 2021.
- One bank reduced their response time by 29% while more than doubling the number of requests processed immediately after implementing APIs.
- Another bank reduced their workload by 74% for the same number of requests immediately after implementing APIs.



## How other banks are doing





Interactive **Brokers** sends instant, automatic confirmation replies with the Confirmation **AutoProcess** API









All confirmations run automatically through the API

Average response time of less than 1 day

Number of completed confirmations increased YoY

No additional staff needed to handle increased confirmation load

The AutoProcess API securely connects the Confirmation platform to IB Group's internal database. When IB Group receives a request through the API, readily available information, like an account balance, is confirmed instantly and automatically.

Every request now automatically lives in the Confirmation platform and IB Group's internal system. No more double work.

Interactive Brokers now responds exclusively with Confirmation.





## Reporting



#### What it does

- Allows you to control your own reporting, outside of the restrictions of our UI report
- Get more intelligent and relevant analytics
- Avoid manual work for your teams
- Retrieve completed confirmation receipts for your records and data retention requirements



#### **Simple**

Data can be retrieved for up to to 31 calendar days at a time, and you can make multiple requests for multiple date ranges. Historical data is available for as long as you've been a Confirmation customer.

Any missing data points can be added to the response within a reasonable timeframe to help you improve your service.



#### Efficient

Eliminate the need for manual internal spreadsheets after downloading reports from the Confirmation platform. Your clients will enjoy a better experience as your response times improve.



#### **Informative**

Keep each bank stakeholder on the same page by letting the Reporting API pull data on a recurring schedule or as needed.



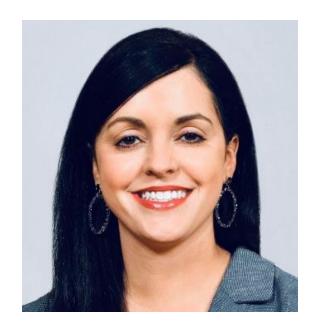
## **Integration Process**

- Info Sheet, Demo and Documentation
- Onboarding to a sandbox environment
- Documentation site and Software Development Kits provided
- Dedicated team of consultants that assist with the integration process from start to finish
- · Specialized customer support team after go live





## Reach out to your Confirmation team!



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