

API Programming Interface

SOAP API for individual integration in your systems



The Pythagoras SOAP API is an interface for programming applications. The interface enables the integration of certain functions of Pythagoras solutions into your own applications (e.g. as part of an account opening process). Based on standardized interface functions, you can develop your own applications according to your internal needs. These can address the API to query data and execute specific functions.

Benefits of the Pythagoras API



OPEN SYSTEM

Trigger data queries and screenings from other systems and integrate them into your processes



SEAMLESS

Seamlessly integrate reference data reconciliation into your account creation process



VIGILANT

Use notifications from the Pythagoras application to trigger functions in third-party applications



PROFITABLE

Less expensive than providing a large number of clients



SECURE

Highest data security through local deployment in your IT infrastructure



SECURE

Data queries and functions are executed via the API as reliably as in the Pythagoras solutions themselves



FAST

Rapid implementation and convenient programming



INDIVIDUAL

Compatible with almost all individual applications

Features



PARALLEL QUERIES

Extremely fast API queries through parallelization



LOG

Screenings can be executed anonymously or stored directly in the database



STANDARDIZATION

Retrieval of structured data with standardized methods



NOTIFICATIONS

The Pythagoras solutions communicate alerts and status changes via API

SELECTION OF API FEATURES:

- Ad-hoc name search
- Opening check
- Reference data request
- Display of alerts and matches
- Request for partner data
- Display of decision alerts
- URL ping test



TESTING

Built-in test module for testing connections and functions during integration or maintenance



SCALABILITY

Access for a high number of users who need only certain functions



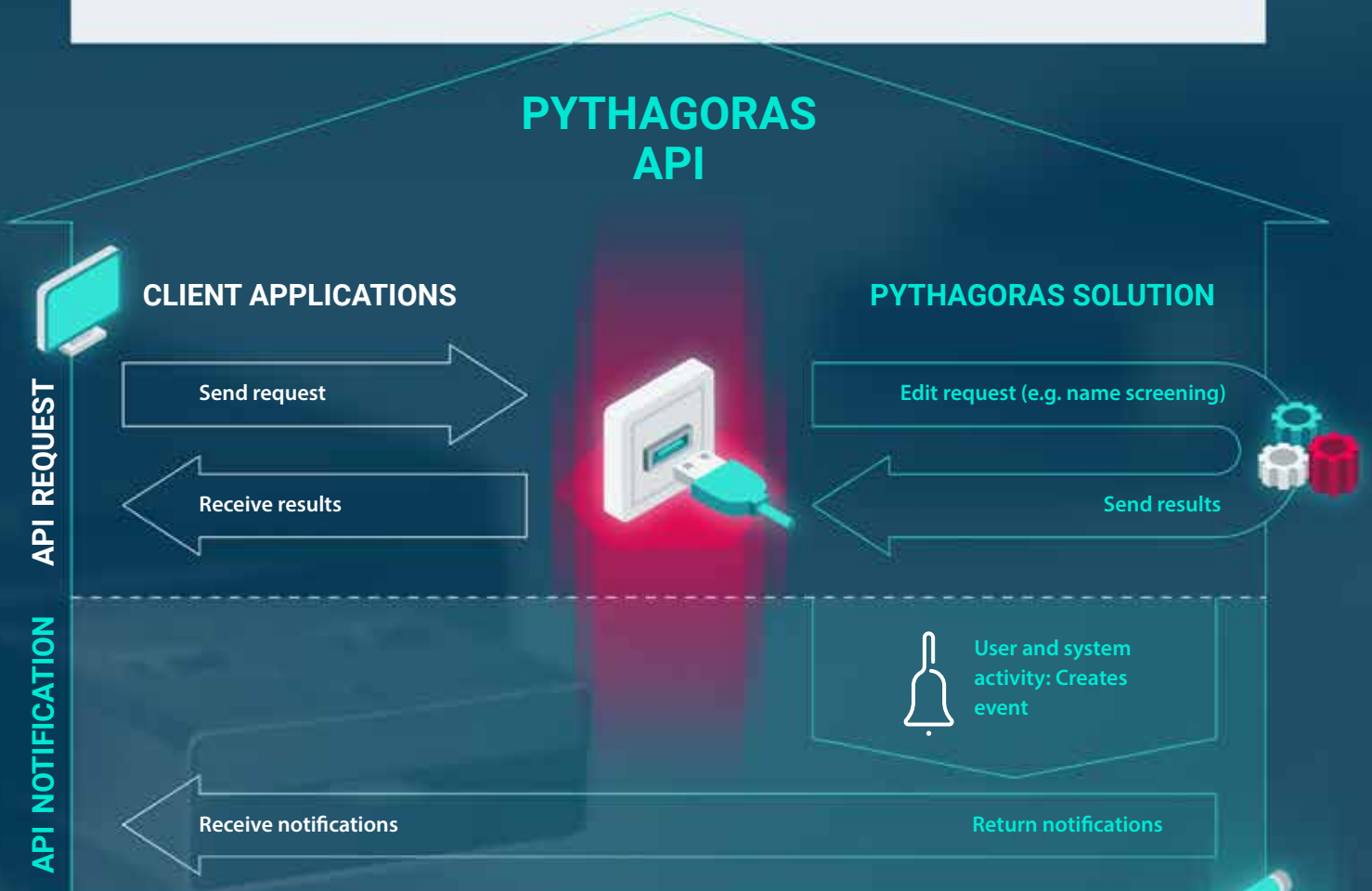
TRANSPARENCY

Data is exchanged in transparent XML formats

Process overview

Technically the Pythagoras API works like a client for Pythagoras solutions. The Partner or Transaction Screening module must therefore be locally installed in your IT infrastructure. The third-party application and the Pythagoras API communicate via handles. A valid session must be opened to initiate the Pythagoras functions. The API has 40 predefined methods to access various data and functions.

The notification function requires a SOAP web service with the specified interface in the client application. The service receives results from Pythagoras processes asynchronously. This is useful when these notifications are meant to trigger certain actions in third-party applications, for example, messages or alerts.



PYTHAGORAS NAME CHECK

Browser-based module for rapid name checking that can be made available to a large group of users within your company network. This module is immediately ready to use after installation and eliminates the need for you to program your own web service application.

- Enables name checks at different locations (e.g. at the customer counter)
- No local client installations required
- Simple and intuitive to use
- Reports can be viewed and printed