Reliable Business Tasks through externalization

Socrate Business Services (SBS) is a suite of application programming interfaces (APIs) used to accomplish critical business tasks in a reliable and scalable manner. Such business tasks include, but are not limited to, sending email, managing received email, generating invoices, submitting tax declarations, managing files, authenticating users, pushing notifications to browsers, localization services, and many others.
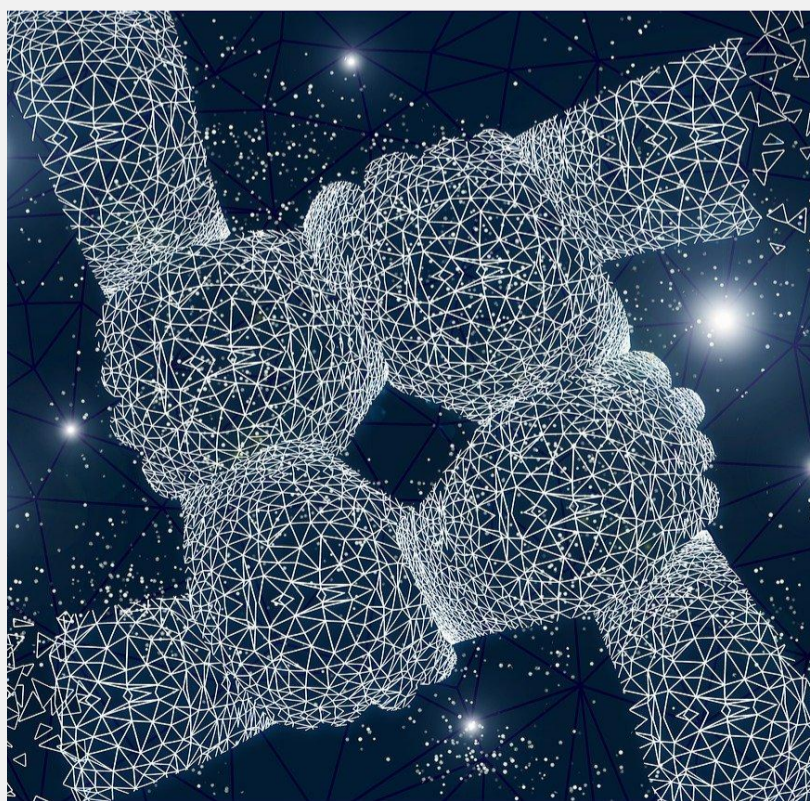
Challenges

Managing business data in compliance comes at a price

Companies in the business applications market (ERP, accounting software companies, in-house developed software) typically face significant challenges bringing data from various sources together for accounting and fiscal purposes, while having to comply with sophisticated fiscal reporting rules mandated by local tax authorities and changing legislation. When addressing such challenges, legacy technical integrations or solutions will eventually become difficult to maintain, inefficient, and time-consuming.

The SBS Solution

SBS provides a set of dedicated and robust services (APIs) specialized in handling complex business tasks, especially when processing large data volumes quickly is paramount. Our primary focus are technical services (APIs) that simplify your business application tasks such as sending and receiving email, invoicing, document management, VAT number validation, audit logging, cost monitoring, tax reporting, and many others.

For the Romanian domestic market, our services provide deep integration with the Romanian National Agency for Fiscal Administration (ANAF) to simplify the mandatory e-Factura, e-Transport and Tax Declarations (SAF-T) reporting. A dedicated Intrastat service is also available for economic operators that have to declare cross-border movements of goods between EU Member States (INTRASTAT) to the Romanian National Institute of Statistics.

Benefits

SBS automates and simplifies fiscal and tax reporting processes. It also provides efficient tools for sending email, electronic invoicing, and document management.

>> Reliable hub for fiscal reporting

Save costs and simplify your mandatory fiscal reporting (eInvoice, tax declarations etc) by integrating your software with our ready-to-use APIs.

>> Handle large volumes of data efficiently

When submitting a bulky yearly tax declaration or when receiving large amounts of email, the technical performance should not suffer. Built on top of AWS, our APIs are tailored for efficiently handling huge data volumes. The use of industry-proven techniques helps accomplishing the business tasks in the most optimal way.

>> Ensure that your emails reach the recipients

Sending emails and ensuring that they actually reach the recipient's inboxes is what SBS accomplishes by following all the industry best practices.

Powered by AWS

The Socrate Business Services platform is built upon **AWS cloud-based services** in a fully serverless architecture to ensure ultimate scalability, reliability and performance.

Most data is stored in DynamoDB and replicated over 3 AWS global infrastructure regions. All the logic is in Lambda functions and AWS Batch, plus Aurora Serverless is used for long-running computations.

Continuous deployment with CodePipeline and CloudFront ensure smooth upgrades of all our microservices.

RELY ON TIME-TESTED EXTERNAL SERVICES IN YOUR APPLICATION

Case Study: DIGI

⟫ Challenges

Generating a SAF-T tax declaration for one of the largest telecom operators in Romania is no easy task. No existing solution could process the amount of data with millions of invoices, payments and business partners.

⟫ Solution

The SBS Tax Declarations Service was designed to handle datasets of any size for multiple concurrent tax report runs. Even when multiple such reports run concurrently at the end of each month, the service scales automatically to accommodate the provided loads.

⟫ Results

Our highly scalable Tax Declarations Service is reliably generating the required XML files that pass all the validations, enabling one of the largest companies in Romania to meet the tax reporting requirements and deadlines.

Features

Web Portal for easy access

While we offer a great API for developers, we also offer all the tools necessary for Customer Support to investigate any possible issues that are related to our service. All the data generated programmatically can be investigated in a user-friendly Web Portal where granular permissions can be assigned to each member of the team.

Usage Monitoring & Cost Control

Since pricing options for modern business software is typically tied to the data size and API usage, having detailed reports on resources consumed by each customer is of paramount importance. SBS Usage Monitoring offers up-to-date reports on a variety of metrics. This way, software companies can closely monitor their overall usage of SBS resources as well as the usage of each individual customer of their software product.

Unlimited Archiving

For compliance reasons, all xml documents and their sources are archived in S3 for an unlimited time frame as long as the service is active.

Visit socrate.io to purchase or start a free trial today. ⟫

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