



WaveAccess
We Make IT Easy

Asset Management System blockchain integration for a major financial company

About

WaveAccess is a results focused software development company that provides high quality software outsourcing services to hundreds of emerging and established companies globally. We use our technical expertise to increase business efficiencies, optimize slow or unreliable systems, recover projects that have gone off track and bring ambitious ideas to life.

22

years of delivering
successful outcomes
for customers

800+

talented and passionate
professionals

8

R&D centers
and regional
offices

17+

industry verticals
from banking
to healthcare

500+

successful projects
delivered and counting

96%

customer
satisfaction index

Awards and Recognitions



SCI-TECH AWARDS
(ACADEMY OF MOTION PICTURE
ARTS AND SCIENCES)

| Locations



USA
sales offices



Denmark
sales offices



Eastern Europe
sales offices



Germany
sales offices

| Core Competencies



Implementation of highly loaded and highly scalable systems



Workflow and business process automation



Development of Real Time Monitoring Systems



Microsoft Dynamics CRM development, customization and implementation



Blockchain implementation



Web and Mobile applications development



Building ETL and BI Systems



Project recovery



Building AI and Machine Learning based systems



System Integration and optimization



Data import and migration



IoT project development

Project Overview

Users

0 (Prototype)

Team Size

5 members

Duration

6 months

Business Challenge

Implementation of a module as an integrated part of the asset management process. The module includes a list of preconfigured smart contract types to handle each asset transaction request type (purchasing or selling) and a web portal to allow contracts approvers to work with smart contracts via a special user interface.

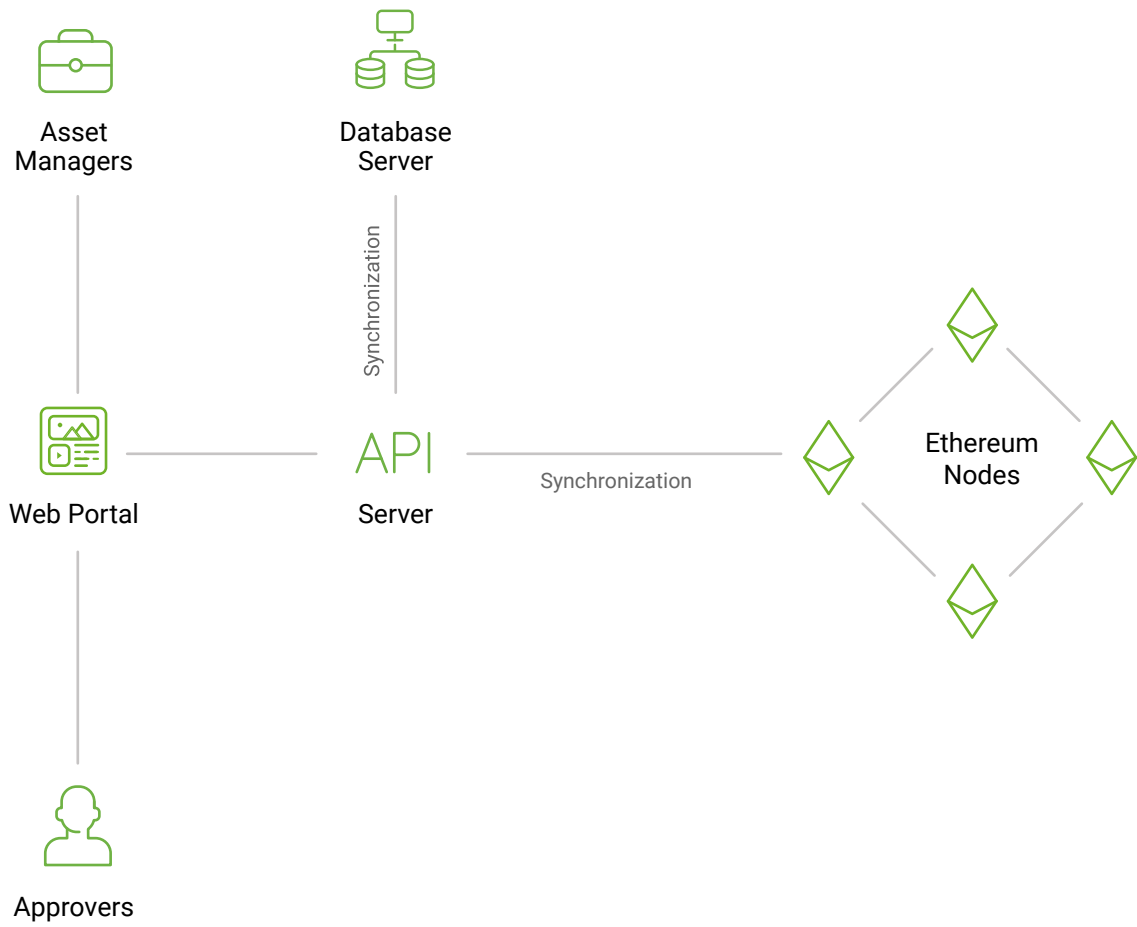
Solution and Technologies

- The smart contract business logic was implemented for processing asset parameters, integration with an external service to retrieve approvers lists, notifications for all approvers, and action handling.
- The developed component was integrated with an external service that retrieves a list of approving persons for the smart contract.
- A smart contract of a required type is created when an asset transaction request appears in the system, and its status is tracked.
- A list of all active smart contracts assigned to a person is displayed, allowing them to view detailed information about each contract and approve/cancel the contract.
- A history of each contract modification is kept
- Static and ad hoc reports are generated based on the contract status
- A sub-module is developed to represent analytics data.

The Result

A prototype of a new secure software for financial institutions has been developed, with the potential to be integrated into the client's asset management platform.

Architecture



Technologies

MONAX



{ REST }





If you have a project for us,
please get in touch

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