# 1.A Blockchain-Based Diamond Exchange Marketplace

**Client Background**

Our client is a technological company that develops financial trading platforms and solutions for management of blockchain-based digital assets. The company aims to make the trading of the real world assets faster, easier, more accessible and cost-efficient with the help of blockchain and smart contracts. With local offices in Israel, Ukraine, and Hong Kong, the company has over 10 years of experience in providing blockchain-based financial solutions and serves customers around the world.

**Business Challenge**

The client was looking for an experienced blockchain partner to develop an online diamond exchange. The trade had to occur in an explicit two-sided marketplace that would enhance both the supply and the demand aspects. The key business challenges were:

* To design an efficiently functioning blockchain-based marketplace;
* Ensure transparency, liquidity, and standardization of the trading processes;
* Develop a diamond evaluation system that would result in an accurate evaluation of the stone. Since each diamond is unique, this solution would serve as a benchmark that would quantify diamond characteristics and rank diamonds in categories with their respective prices.

# 2.Advanced Data Management and Analytics for Security System Provider

### Client Background

Our client is the second largest alarm company in Europe that provides security services for households and small businesses to hundreds of thousands of customers across Europe.

### Business Challenge

To support the continuous growth and strengthen its market positions, our client decided to take another step to digital leadership and reconsider the existing data management system. The security service leader reached Infopulse when searching for a reliable partner that would help migrate the company’s data management landscape to an advanced cloud platform.

Intelligent analytics, powered by modern cloud solutions, was one of the essentials of the company’s digital strategy that Infopulse helped to implement. While working on a new data management system, Infopulse was also tasked with providing support for the existing solution.

# 3.An Elegant RPA Solution for Automated Financial Reporting in the Oil & Gas Industry

### Client Background

Our client is a company providing a host of engineering, construction, and maintenance services to the oil, gas, and offshore wind industries.

### Business Challenge

With financial reporting being one of the core business functions of our client, the process of information collection is a vital yet error-prone task that requires a lot of time and human input. The oil & gas service company was utilizing a standard financial reporting approach by using SAP, [Power BI reports](https://www.infopulse.com/services/microsoft-based-solutions-and-services/microsoft-power-bi/), and Excel spreadsheets for data collection and comparative analysis.

Time-sensitive and accurate reporting was becoming more challenging for employees to complete under tight deadlines as it required fast action and accurate results. The company addressed Infopulse to optimize and automate the financial reporting process with the help of an elegant and efficient RPA solution.

**4.[AUTOSAR-Compliant ECU Software Components for Electric Vehicle Charging Systems](https://www.infopulse.com/case-studies/autosar-compliant-ecu-software-components-for-electric-vehicle-charging-systems/)**

### Client Background

Our client is a leading European Tier 1 supplier of electronic charging solutions for automotive companies.

### Business Challenge

Over some time, our customer has refined and expanded their range of battery charging solutions for electric vehicles and soon received numerous requests from potential clients. However, they lacked enough capacity to meet all the project goals and requirements according to high AUTOSAR standards to automotive embedded software development.

The customer looked for a standalone team of technical experts who could take full responsibility for a part of software development and integration of AUTOSAR-compliant solution. Not only our team had to adjust to the ongoing project goals in no time, but also to independently manage the assigned work packages including its analysis and estimation. On top of that, it was important to ensure efficient collaboration with multiple distributed teams involved in the project.

# 5.Assessing Azure Sentinel Capabilities for a Major Agricultural Company

**Client Background**

Our client is one of the leaders in the European agricultural sector. They have a diverse network of fields, processing, and storage premises that enable the continuous supply of high-quality produce to 80 countries worldwide.

**Business Challenge**

As part of the global digitization strategy, our client aimed to enhance the already existing cybersecurity landscape. The company was looking for a service provider to assist with the deployment of a SIEM/SOAR system based on Azure Sentinel and to leverage the business value of the solution.

To demonstrate the performance potential of Azure Sentinel to our client, it was necessary to:

* Assess the capabilities of Azure Sentinel as a holistic SIEM/SOAR system
* Reconfigure the current Azure Sentinel setup with maximum efficiency
* Automate routine processes, such as incident reporting and investigation, utilizing the model powered by machine learning
* Centralize signals from multiple enterprise systems under a single console
* Ensure Azure Sentinel integration with an ITSM system, business applications, etc.