

Re-engineering file storage and security products from old framework to new framework

ABOUT CLIENT

Our client is a prominent Japanese IT solutions firm specializing in IT security product development.

This project aims to create a web application product that securely manages and facilitates file exchange between isolated internal and external network environments.

Users of this product are organizations with rigorous security prerequisites for internal file storage, necessitating accessibility from both internal and external networks.

HIGHLIGHTS

01

Dual network environments

This product requires accessibility from two separate network environments: the internal network and the external network.

02

Stringent security requirements

Users of these products are companies with strict security requirements for storing internal files.

- **Country:** Japan
- **Service:** Software Migration
- **Solution:** Security
- **Technology:** Ruby, Javascript, HTML5, Typescript, SQL
- **Testing tools:** Puppeteer, UI Path, Jmeter
- **Duration:** Since 2019
- **Team size:** 10-15 employees depending on time
- **Model:** Waterfall, progresses through sequential phases: Design, Development, Testing & Integration and Maintenance.



CASE STUDY

REQUIREMENTS

Customers sought new security products that support secure file exchange between two non-networked environments, leveraging modern technology platforms, including Ruby and Angular.

SOLUTIONS

SUITABLE ALLOCATE RESOURCES

2



1

Allocate resources to all project phases, including Design, Development (coding), Testing & Integration, and Maintenance (Operations & Support).



CONSULTING DURING IMPLEMENTATION

Consulting and implementing technical solutions to solve challenges that arise during the development and operation phase.

3

INVESTIGATE & RESOLVE

Investigate and resolve error reports from end users.



ACHIEVEMENTS

TIMELY DELIVERY

Luvina made concerted efforts to adhere to the agreed delivery schedule, underlining our commitment to on-time product releases.

PROBLEM SOLVING

Luvina has successfully solved a variety of customer challenges, including:

01

Deliver completed products following specified requirements.

02

Exhibit flexibility in addressing customer needs and adapting to changes.

03

Achieve process and quality improvements with each development phase or product version.

This project exemplifies how Luvina meets customer requirements to develop new information security solutions that interface with third-party security products, satisfying evolving customer group needs while upholding high standards of quality and reliability.