

Develop and maintain **the investment trust system of banks** → in Japan

HIGHLIGHTS

01

Cobol language

60-year-old programming language VB6, Cobol, Pro*C

02

Finance industry

The finance industry is one of the most challenging fields as it requires impeccable quality and exceptional precision.

03

Quality management

Follow up the standard of 1000 coding lines, including 0,1 bugs.

04

Japanese language

All of our developers must know Japanese because the financial variable is Japanese Kanji, can't understand the language can't code.

OVERVIEW

- **Country:** Japan
- **Service:** Software development and maintenance
- **Technologies:** Cobol, C, Shell, Visual Basic, C#
- **Team size:** 20-25 employees
- **Collaboration model:** Offshore Development Center
- **Development type:** Analysis, Design, Development (Coding), Testing & Integration, Deployment, Maintenance, Operation & Support.

ABOUT CLIENT

Our client, a leading system integration company in Japan, focuses on system integration and application development for financial and retail clients.

Since 2009, Luvina has been recognized as "Partner F" by our client for our high capacity, strong technical response, and exceptional level of information security, which have significantly contributed to customer growth.

During our 13-year cooperation, Luvina has completed numerous projects in sectors such as sales systems, stocks, securities, banking, insurance, and more.

CASE STUDY

CHALLENGES

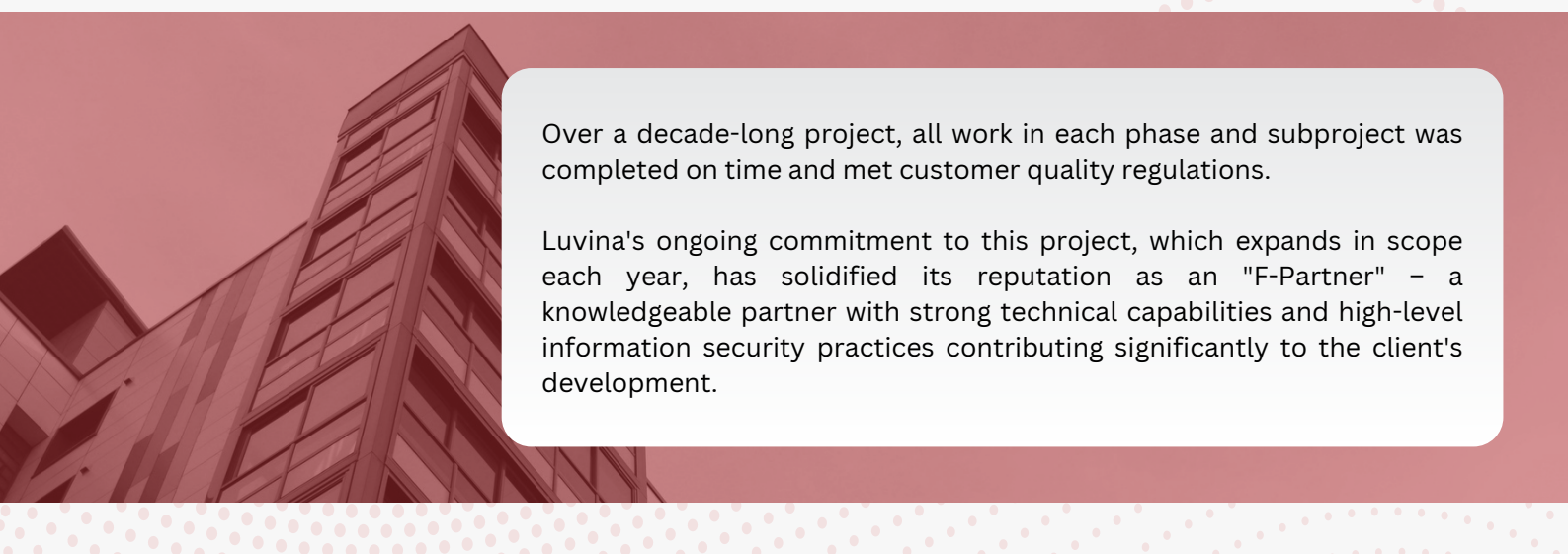
01. Meeting the strict requirements on security and technology while supplementing or replacing Chinese partners is a substantial challenge.
02. **Financial Expertise:** Continuously learning to gain customer trust and replace Japanese partners in the system design process is a significant task.
03. **Long-Term Commitment:** Participation in all project phases, including analysis, design, programming, testing, implementation, maintenance, and operations. It sometimes requires mobilizing a considerable number of experienced engineers quickly, necessitating strong coordination and optimization capabilities, along with a long-term strategy for investment, training, and personnel retention.

SOLUTIONS

01. **International Standards:** Luvina quickly adopted international standards such as ISO 9001 (2006) for quality management, ISO 27001 (2011) for information security management, and CMMI level 3 software (2012) for software development quality and security.
02. **Japanese-Speaking Engineers:** A core team of Japanese-speaking engineers, including highly skilled experts with extensive experience, was built. They continually learn and accumulate specific knowledge about the Japanese finance and banking industry, meeting strict customer design criteria.
03. **Development Process:** Luvina created an integrated process combining customer and internal procedures to meet quality and productivity requirements while being suitable for offshore development in Vietnam. This process continually evolves to address project development stages and emerging issues.

ACHIEVEMENTS

*In the partner system of the client, **F-Partners** like Luvina have demonstrated themselves as dependable partners with sustainable development potential.*



Over a decade-long project, all work in each phase and subproject was completed on time and met customer quality regulations.

Luvina's ongoing commitment to this project, which expands in scope each year, has solidified its reputation as an "F-Partner" – a knowledgeable partner with strong technical capabilities and high-level information security practices contributing significantly to the client's development.