




New Contract Management System for a Car Rental Company

 Visit our website
luvina.net/en

Project overview



PROJECT

OVERVIEW

As part of the client's broader **digital transformation (DX)** strategy, Luvina Software partnered with a leading Japanese car rental company to develop a custom **Windows desktop application** for managing rental contracts. The goal was to modernize legacy operations by transitioning from manual, paper-based workflows to a centralized, digital platform. By leveraging Luvina's development expertise, the client achieved smoother operations, reduced errors, and enabled seamless data access across internal business units, laying a solid foundation for future system integration and process automation.

Country: Japan

Client: Car rental company in Japan

Industry: Transportation

Focus: Automotive Rental

Service: Custom software development (Desktop Application)

Duration: October – December 2024

Scale: 12.4 MM

Technology: C#, WinForms

Engagement Model: Full-cycle development



PROJECT OVERVIEW

Client Background & Objectives

The client provides rental services to its sister companies under a large Japanese conglomerate. Prior to this engagement, contract processing and fleet management were entirely manual handled via Excel sheets and physical paper forms.

The client's goals:

- Eliminate paper-based and spreadsheet-driven processes.
- Automate the generation of receipts and invoices.
- Build a centralized client-server system allowing seamless access to data by all group subsidiaries.

Challenges

- Manual operations were resource-intensive, error-prone, and difficult to audit.
- Data sharing between subsidiaries was nearly impossible, creating bottlenecks in internal operations.
- Invoicing and receipt issuance could not be automated from Excel or contract data, leading to delays and inefficient resource use.

Luvina's Solution

To support the client's digital transformation goals, Luvina provided end-to-end software development services, focusing on high stability, process alignment, and usability.

• Custom System Design & Development

Developed a full-featured **Windows desktop application (WinForms)** using C#, designed for multi-branch usage under a client-server architecture. This system supports key contract management functions, including registration, tracking, and payment automation.

• Automation of Invoice & Receipt Generation

Designed and implemented logic to auto-generate receipts and invoices based on contract data, eliminating manual document processing and reducing human error.

• Shared Access Across Branches

Built a centralized data access infrastructure allowing **all subsidiaries to retrieve and manage contract information** securely in real-time.

PROJECT OVERVIEW

Key Results

- ✓ **100% digital workflow:** Entire contract process moved off Excel and paper.
- ✓ **+40% productivity gain:** Automated document generation accelerated processing speed.
- ✓ **Group-wide connectivity:** All subsidiaries successfully onboarded and connected to the central system.
- ✓ **Zero UAT bugs:** The system passed user acceptance testing without any critical issues.
- ✓ **Early delivery:** Delivered 1 week ahead of schedule, accelerating overall rollout.






Thank You

CONTACT US



 <https://luvina.net/>

 info@luvina.net

 Tel: (84) (24) 3793 1103 (ext 0)
Fax: (84) (24) 3793 1106

OUR OFFICES

Headquarter in Hanoi, Vietnam: 4F, Hoa Binh Tower, 106 Hoang Quoc Viet Str., Nghia Do Ward, Hanoi City, Vietnam.

Branch in Da Nang, Vietnam: 18F, No. 2 Quang Trung Building, Hai Chau Ward, Da Nang City, Vietnam.

Branch in HCM City, Vietnam: 38/1 Nguyen Van Troi Str., Cau Kieu Ward, Ho Chi Minh City, Vietnam.

Branch in Japan: R612, Kanagawa Science Park (KSP), 3-2-1 Sakado, Takatsu-ku, Kawasaki-shi.

Representative office: 38N Almaden Blvd, Unit 125, San Jose, California 95110-2720, United States.

Luvina Software Private Limited: 168 Robinson Road, #20-01, Capital Tower, Singapore 068912