

Operate

VERSION-UP ERP System

GRANDIT

HIGHLIGHTS

01

VERSIONUP GRANDIT SERVICE

- Version-up GRANDIT is a specific type of project development :
 - Need techniques related to performing database migration from low version to high version to ensure data integrity.
 - Techniques related to editing the UI to ensure that the system's Addon functions after being upgraded to a higher version work properly and do not break the interface.

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EXCLUSIVELY DEPLOY GRANDIT IN VIETNAM

Currently, Luvina Software stands as the sole IT outsourcing company in Vietnam that deploys GRANDIT for the Japanese market. With a dedicated team boasting over a decade of experience, they are well-equipped to support clients in upgrading GRANDIT to the latest version, providing a simple and secure methodology.

OVERVIEW

- **Service:** Migration
- **Solution:** ERP
- **Collaboration model:** Offshore development
- **Time:** March 2021 - July 2021
- **Techniques of use** (ver200 - ver310)
 - C# (ASP.NET) (.Net 1.1, .Net 2.0, .Net 3.5, .Net 4)
 - SQLServer 2019
 - Active Report (version 3.0, version 6.0, version 9)
 - Export Excel
 - SQL Server Reporting Services (SSRS)
- **Scale:** 126 man-months

ABOUT CLIENT

Luvina's client is a company offering IT services, including upgrading the GRANDIT system. However, at this juncture, the client faced critical challenges, including:

- The urgency of version upgrade: The client was using V200, and the GRANDIT system, which relied on the soon-to-be-unsupported Internet Explorer, was running out of support.
- The need for experienced resources to meet tight deadlines.

CASE STUDY

DIFFICULTIES

- When customers use version V200, the GRANDIT system does not support some functions for the old version, causing problems for users.
- Old versions of the GRANDIT system cause crashes, errors, delays in operation, reduced performance and reliability. Old versions of the GRANDIT system, when not updated, are vulnerable to security threats, which can cause data loss.
- The cost of maintaining and repairing the functions of the GRANDIT version is quite high, causing costs for businesses.

REQUIREMENTS

- Customers want to find a stable, highly specialized staff to carry out the difficult requirements of the project.
- Customers want to deploy safely and meticulously according to their requirements.
- Cost savings while meeting project deadlines.

SOLUTIONS

To foster trust in our initial collaboration, Luvina proposed a six-week trial phase, focusing on core functionalities. This stage allowed us to streamline working procedures and make necessary adjustments for the main phase. During the formal migration, Luvina accomplished:

1
Database migration, integrating 58 functions.

2
Adapting to change requests and UI enhancements as per the client's requirements.

3
Strategically addressing add-up and version-up functions, offering the client secure and straightforward implementation.

4
For post-version upgrade testing, Luvina proposed testing checkpoints and automated test case generation to optimize cost and time while ensuring the quality of the new program.

ACHIEVEMENTS

- Meeting the client's specified deadlines.
- Ensuring high-quality standards, with the client accepting only approximately **0.013 bugs per Kstep**, demonstrating the exceptional quality of the work performed.

01

02

Reviews from customers

- It's great to be suggested to upgrade ideas.
- Good quality and productivity.
- Low total costs, saving costs for businesses.