![veryant logo]

Veryant, the COBOL technology innovator

Evolution, without revolution

USAREUR Registry of Motor Vehicles
Applications to collect, monitor, issue and manage vehicle registrations"

CASE STUDY

Garrison Rheinland-Pfalz, Germany

USAREUR (United States Army Europe) Registry of Motor Vehicles is a US government organization based in Germany. This unit, with several office locations throughout Germany and almost 100 employees, manages all the vehicle registrations for the United States Army employees stationed in Germany.

Business driver

Their COBOL application was developed approximately 20 years ago with ACUCOBOL-GT in Fat-Client architecture with a character-based user interface. It runs on Microsoft Windows PCs, with shared files on a Microsoft Windows Server. The application collects and organizes vehicle and personnel information, both US Military and Civilian personnel stationed in Germany. It also prints out vehicle registration certificates. The interactive programs are used in 12 office locations with each office linked to a central data source by a daily data transmission over SFTP.

During 2020, USAREUR was concerned about the probability of increasing maintenance cost of license, as well as their supplier's intrusive auditing and business practices that were unacceptable in a closed military environment.

They decided to look for an alternative COBOL vendor able to reduce their annual software support fee.

In addition, since the current COBOL licenses did not include an Interactive Development Environment (IDE), the options for modernizing the user interface were limited. They wanted a partner that offered them all the tools necessary to enable them to easily modernize their IT environment. Finally they were looking for a solid partner with an efficient and capable technical support team.

> " *The sales and support staff at Veryant were very supportive and technically proficient at recognizing our need.* "
>
> *Gregory L.*
> *U.S. Army Europe and Africa*
> *Registry of Motor Vehicles.*

Solution

USAREUR needed to move quickly to replace ACUCOBOL-GT with another system. After looking at Fujitsu Software (NetCOBOL) they focused their attention on Veryant (isCOBOL) as a potential replacement to run their application. They noticed that not only Veryant's isCOBOL could replace ACUCOBOL-GT but, offered a wealth of included utilities to enhance the base product at a very affordable and lower TCO.

The first step of the migration was the replacement of the COBOL Compiler and file system while maintaining the same architecture (Microsoft Windows PC based program, with a file share on a Microsoft Windows server). This was expected to be completed in 6 months.

USAREUR assigned 2 developers to the project and with support of the Veryant team they had fully migrated from AcuCOBOL to isCOBOL, including all testing, in under 3 months. Some modification of the code was needed to complete the transition, but far less than they expected.

> *During this second step, initial test phase, we have seen how fast"*
>
> *Gregory L.*
> *U.S. Army Europe and Africa*
> *Registry of Motor Vehicles.*

The second step is to replace the FAT Client architecture with the Thin Client solution offered by Veryant (fully included in the initial license fee). This new architecture will make it easier for them to maintain it easier for them to maintain the software for the users, as they can easily install and update the software on the Server.

Future plans

After having achieved the above objectives, USAREUR Registry of Motor Vehicles intends to tackle other important steps in the software modernization work:

- the use of an RDBMS to increase the capabilities of the software system and
- the creation of a new graphic user interface able of give a more attractive and functional look to the application.

WHY VERYANT?

I am very satisfied that Veryant isCOBOL was an excellent choice for our development team not only as a base replacement product but for future development. That, along with customer friendly licensing allowed for phased transition options and Veryant's responsive support, allowed us to explore several integrative technologies.

Gregory L.
CTO
U.S. Army Europe and Africa
Registry of Motor Vehicles

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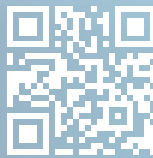Tel (Español): +1 619 453 0914
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