![veryant]

Evolution, without revolution

YILPORT
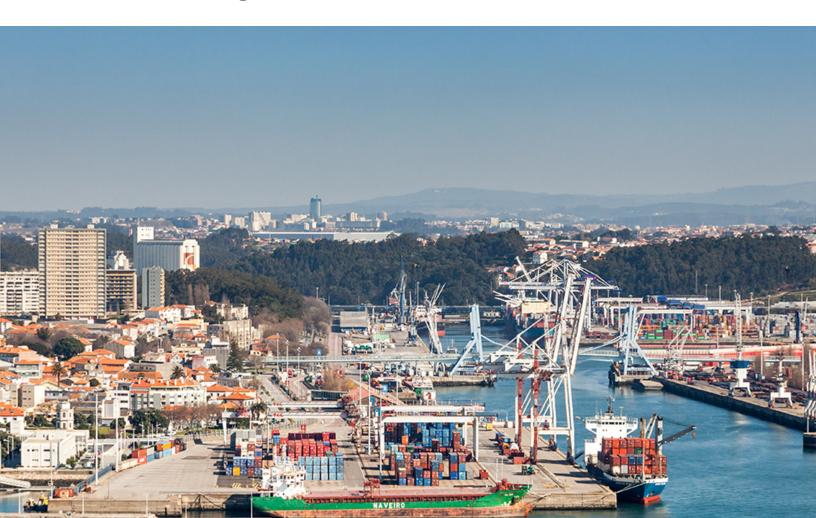LEIXÕES

TCL - Terminal de Contentores de Leixões, S.A.
Software for Containers Management

CASE STUDY

Matosinhos, Portugal

TCL stands for Terminal de Contentores de Leixões, S.A., (Leixões Container Terminal), a concessionaire of all the container handling in the port of Leixões.

TCL began operations in May 2000. Since then control has been transferred to the private sector, following a concession process held by Leixões Port Authority.

TCL is truly committed to assuring the efficiency of the operations in order to satisfy the requirements of cargo handling imposed by the market. To this end, the investment in human resources and technology have been TCL's priority.

Business Driver

Platform independence became necessary, along with the desire to modernize the software by improving the GUI
and be able to run in the cloud. The previous COBOL vendor, RM/COBOL on Unix, did not offer these solutions.

Solution

Veryant's isCOBOL gave TCL the opportunity to easily solve these problems. isCOBOL is completely Java-based, making it able to run on any platform supported by Java without recompiling source code. isCOBOL's complete and powerful graphical user interface control set, along with the drag and drop screen design in the isCOBOL IDE, gave TCL the ability to quickly update the application's GUI.

The Implementation

The migration process was done in three phases. First, the application, made up of over 1000 programs, was quickly compiled with isCOBOL, tested and then put into production with a simple environment using Linux Servers and Windows clients. The database remained the same.

WHY VERYANT?

The support of Veryant and its distributor in Portugal has been very important. Thanks to Veryant everything is easier; Quick answers and very enlightening. It has nothing to do with our previous provider. We have no doubt, isCOBOL was the right choice.

-António Borges, TCL -

isCOBOL's deployment of TCL's application as Java classes allowed them to use the same solution on different platforms without any effort.

Next Step

TCL is looking forward to using Veryant's easy-to-implement Web offerings to bring a significant part of their software to the Web and the Cloud, allowing their employees to access it remotely

In phase two, the original RM/COBOL data was migrated to JIsam. This included 125 data files for a total of approximately 450 GB of data.

The final phase was to replace the old user interface with a new GUI designed in the isCOBOL IDE.

The Result

TCL was very surprised by the quick conversion time to successfully migrate their containers management application.

They intend to start a new project in another international port, and will start expanding the access of the application to their customers through the Web.

Previous COBOL
RM/COBOL

Previous OS
UNIX

New OS
Linux/Windows

1275
COBOL Programs

419
COPY Files

125
Data Files

" The profitability of development in the new IDE is fantastic and was easily assimilated by our team and the utility to migrate ISAM files from RM/Cobol is superb.

Pedro Costa, TCL

"

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