

## Volkswagen México



### Highlights:

- Rehosted 2 million lines of code from the mainframe to UNIX servers
- Implemented with disruption to plant operations
- Increased systems performance by nearly seven times
- Reduced staffing costs by 25%

### Spare-parts system transformed with UniKix mainframe rehosting software

Volkswagen México, one of Volkswagen AG's largest manufacturing groups, needed to upgrade its IT environment for more functionality, greater access, reduced processing time, and lower cost than its mainframe system could provide.

T-Systems, which owns and runs Volkswagen México's data center, turned to Clarity for help in transforming the company's IT infrastructure from a mainframe environment to open UNIX® servers. For this project, T-Systems selected UniKix™ Transaction Processing Environment (TPE) software from Clarity. UniKix TPE is a scalable, high-performance transaction-processing monitor for large enterprise applications on open systems. This software allowed the rehosting of high-performance IBM® CICS® applications and batch programs to an alternative UNIX environment without re-engineering code. With UniKix TPE technology, T-Systems increased system performance by nearly seven times and reduced staffing costs by 25%.

With 13,000 employees, Volkswagen México manufactures hundreds of thousands of Beetle, Golf, and Jetta automobiles each year at its 125-acre facility near Mexico City. The mainframe system, which had served the facility for many years, was limiting Volkswagen's ability to implement new processes which would improve the plant's operations. In addition, it was becoming too labor intensive and costly to continue to support the mainframe. However, it was a large and valuable system and moving to a new environment required careful planning and flawless execution.

The Clarity team and the T-Systems staff worked closely to accomplish the challenging task. The migration project involved moving 5,000 programs, 3,500 files, 1,200 batch jobs, and two million lines of code from the mainframe to 20 open systems servers. The UNIX system, which runs UniKix TPE software, Oracle, and SAP, serves more than 2,000 users, who have noticed a significant improvement in performance since the change.

Today, Volkswagen México runs financial and logistics modules in an open client/server environment that includes open systems servers from Sun, IBM, and Hewlett-Packard. It also operates servers using Microsoft's Windows NT technology.

### UniKix rehosting software dramatically reduces processing time

With UniKix TPE technology, Volkswagen México achieved a smooth migration without disrupting plant operations. The migration path designed by Clarity and T-Systems for Volkswagen México has lowered processing time for applications, resulting in significant performance improvements, nearly seven times faster than the mainframe system. This has translated into substantial cost savings, especially in staffing costs, which dropped by 25%.

### About Clerity

Clerity is a leading full-service provider of legacy migration, modernization, and optimization solutions. Drawing from over 16 years of experience, Clerity recognizes that companies have significant investments in core applications and procedures and provides a wealth of low risk, high value tools, technology, and services to reduce IT costs without sacrificing current functionality and service level agreements. Headquartered in Chicago, Illinois with offices worldwide, Clerity has customers in all in major countries, including some of the largest financial services ISVs and Fortune-class end users.

Learn how Clerity can provide an evolutionary path forward for your application and data environments at [www.clerity.com](http://www.clerity.com).



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