

# Manheim Accelerates Systems Testing and Business Transformation with CA Test Data Manager



## CLIENT PROFILE

**Industry:** Automotive

**Company:** Manheim

**Employees:** 20,000

## BUSINESS

Manheim is one of the world's leading vehicle remarketing providers. It registers nearly seven million used vehicles annually and facilitates transactions representing almost \$46 billion in value.

## CHALLENGE

To safeguard competitive advantage and enable business transformation, Manheim needs to be able to test and implement a variety of new systems. A manual approach to generating test data was time-consuming and restrictive.

## SOLUTION

CA Test Data Manager allows Manheim to automatically generate the massive volumes of test data it needs in a very short amount of time. Test and production data can be compared in hours rather than weeks.

## BENEFIT

Manheim can carry out faster and better systems testing, which helps safeguard the launch of strategic initiatives and increase competitive advantage. It has also been able to maximize its testing resources.

## Business

Remarketing vehicles around the globe

Manheim was established in 1945 as a wholesale vehicle auction operation. Today it is one of the world's leading vehicle remarketing providers, with 20,000 employees in 122 locations around the globe, including the UK and Australia.

The company registers nearly seven million used vehicles annually and facilitates transactions representing almost \$46 billion in value.

A subsidiary of US-based Cox Enterprises, Manheim is transforming the wholesale vehicle buying and selling experience through investments in innovative products and services that enable the sale of vehicles at live auctions and online.

Manheim's brands include Simulcast, Simulcast Everywhere, OVE.com, NextGear Capital, Total Resource Auctions, Manheim Frontline, Ready Auto Transport, Manheim Consulting.

## Challenge

Transforming IT to retain competitive advantage

To ensure it can stay ahead in a competitive market, Manheim has always prioritized innovation. However, with larger technology companies and new entrants threatening to take market share, the company realized it needed to be more agile.

To enable this approach, Manheim first had to transform its legacy systems. As Chris Crews, Advisory Test Engineer at Manheim, explains, "During 2015, we embarked on five key initiatives to help increase agility, including moving our financial workloads on to a cloud platform."

The migration from a batch-processing system to one that operates in near real time would allow Manheim to accelerate remittances and payments, resulting in an improved customer experience.

This and other initiatives require huge volumes of test data. In the past, Manheim created test data by copying production files. This was not only inefficient, but it also led to issues or deficiencies within the test data.

"Copying production data did not always fulfill our needs," reveals Crews. "Manually creating the data was also very time-consuming and required a specific skill set."

As part of its move away from legacy systems, Manheim decided to also transform its approach to testing.

"Manually creating test data was very time-consuming and required a specific skill set."

**Chris Crews**

Advisory Test Engineer, Manheim

## Solution

Automated and accelerated testing

“Data visualization allows us to quickly compare our test data with our production data.”

**Chris Crews**

Advisory Test Engineer, Manheim

Although Manheim had purchased CA Test Data Manager in 2014, it had yet to realize the full potential of the solution. But in 2015 when creative users began to recognize the power of the tool, Manheim dedicated time and resources to learn how to unlock deeper functionality.

CA Services worked closely with Manheim’s test organization, highlighting best practices and sharing knowledge.

“CA Technologies technical expertise was one of the reasons we decided to continue to invest in CA Test Data Manager,” states Crews. “The expertise its team has provided has been invaluable.”

With the solution deployed to more than six teams comprised of over 100 people, Manheim’s test organization has been able to bring a fresh perspective to systems testing.

“With CA Test Data Manager we have evolved beyond manual processes to a powerful automated tool that can generate massive amounts of data in a very short amount of time,” comments Crews.

By using CA Test Data Manager to model its existing data, Manheim gained a better understanding of how data is created and consumed. Crews explains, “As we moved our financial system off the legacy architecture to a cloud-based solution, we could provision data to support the development and testing of the new integrated solution.”

Without the solution, the company would have had to manually create data or rely on slow and unreliable automation tools. “Instead, we were able to inject the required data into the testing environment quickly and efficiently,” confirms Crews.

CA Test Data Manager’s data visualization feature has been particularly useful. As Crews confirms, “Data visualization allows us to quickly compare our test data with our production data. If the test scenario doesn’t exist in production then we create different use cases.”

Prior to deploying CA Test Data Manager, the comparison used to up to a week; now it is completed in a few hours.

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## Benefit

Faster and smarter systems testing

With CA Test Data Manager, Manheim can generate the data it needs to thoroughly test critical strategic implementations. “CA Test Data Manager allows us to create all the test data we need to ensure coverage, very efficiently and very effectively,” confirms Crews.

In the past, it took a couple of minutes to manually create a vehicle record; with CA Test Data Manager it’s a matter of seconds. With an average of 2,500 vehicle records needed per week, this represents a massive time saving.

With CA Test Data Manager, Manheim has also been able to:

- Drive greater agility and innovation
- Optimize testing resources and timelines
- Safeguard the launch of strategic initiatives
- Differentiate its offerings in a rapidly expanding market.

“CA Test Data Manager enables us to take a more strategic approach to testing, which will help safeguard our competitive advantage,” concludes Crews.



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