



Global Industrial Manufacturer

Ciber Momentum™ transforms applications 35% faster and 35% cheaper

Ciber's client is a leading distributor of production materials and a provider of integrated service solutions, with nearly 40 billion in annual revenue, and more than 150,000 employees. The client is globally connected to hundreds of companies in dozens of countries within their global parent company. The size and complexity of this organization meant that they needed a superior technology environment to help them manage people, equipment, inventory, and processes. To meet their global strategic technology initiatives, the global industrial manufacturer looked to Ciber Momentum to help them with their modernization efforts.

Application limitations block progress

The client's global parent company is undergoing a global transformation of IT services, which includes centralizing data centers, consolidating service providers, and delivering a consistent user environment globally.

Migrations can be complex work by themselves. Combine this with the need to manage shadow IT, and the complexity only increased. The client's Microsoft applications had grown to encompass mountains of data, 1000's of users interconnected to other applications and dependencies, and many of these Microsoft Access applications were built by the business users. Over time, several of these shadow IT projects became critical to business functions.

What did this mean? These applications were difficult to support and enhance, which would make a migration very challenging in most situations.

In addition, security was at risk due to faults in the MS Access architecture. Many were developed using Visual Basic for Applications (VBA) and in most cases, they were being pushed beyond the limits of their capabilities.

If the IT department wanted to move forward with their data center consolidation requirements, they would need a way to address the following challenges:

- MS Access / VBA applications were limited in their capabilities – features, scalability, and future proofing
- Compliance with global security standards

- Unsupportable due to lack of coding standards or software engineering discipline.
- Unable to function across WAN when local server rooms were eliminated
- Unable to support future Citrix requirements

To address these problems, an initiative was launched to remove non-standard applications and technologies that would not be supported in the future environment. The client turned to Ciber as their preferred service provider.

Ciber Momentum solves modernization challenges

Ciber's team worked with the client to assess the legacy solutions. They worked to provide a path toward one-for-one functionality to the future state. Ciber built a team for the project that included SQL developers, .NET developers, and a project support staff made up of quality analysts, business analysts, and project managers. The Ciber team leveraged the Ciber Momentum methodology to identify project requirements and build a blueprint assessment.

Strategic requirements and an aggressive schedule

- Client needed future applications to be built utilizing specific .NET/Angular JS standards.
- A core requirement was security integration via Active Directory.
- All database components were to be upgraded to SQL 2014.
- The modern applications must meet documented FMO (future mode of operations) standards.

In addition to the technical specifications, Ciber was tasked with completing the entire project—including the blueprint assessment—in 1 year, with a 35% labor reduction.

Ciber Momentum benefits

- Rapid project onboarding to get resources up to speed and on the project within 2 weeks.
- Additional staffing, with a high rate of quality and NO turnover in the life of the project.
- Application standardization that lead to reduction of support cost.

Upon project completion, the client had lower support costs because of standardized architecture with an improved security posture. They had also improved application availability and performance.

Client users have benefitted as well. Through a modern, consistent interface, the user experience has been dramatically improved. Many IT projects don't see positive ROI. Ciber Momentum helped the client lower labor costs and is projected to have positive ROI over the life of the project.

Project Achievements

- Successful data center consolidation.
- Application availability improved.
- A move toward roaming profiles using thin client machines.
- New applications built on a modern .NET SQL Server framework.
- Improved security of sensitive data
- Ciber Momentum outperformed previous internal traditional modernization efforts.
 - 35% faster than traditional modernization methods.
 - 35% cheaper than traditional modernization methods.

Discover Ciber Momentum for yourself

Let's see if our application modernization experts could help you with your modernization project. We've helped a wide range of organizations with application modernization, cloud and mobile enablement, and enterprise IT overhauls. We can help you cut implementation schedule timelines and significantly reduce transformation costs. Request your custom Manufacturer Modernization Discovery Session to find out more.

About Ciber

Ciber is a global IT consulting company with approximately 6,000 employees in North America, Europe and Asia/Pacific. Ciber partners with organizations to develop technology strategies and solutions that deliver tangible business value. Founded in 1974, the company trades on the New York Stock Exchange (CBR). For more information, visit www.Ciber.com.