



E-Commerce Solutions

MAR recognizes that prompt and efficient customer service is essential for any company or agency to be responsive to its customers and remain competitive in the modern business world. Our team utilizes the latest database management and web application development technologies to transform our customers' manual, legacy business processes into a customized, completely automated, and most importantly *secure* e-commerce solution. To supplement our development teams, we engage our certified IT security specialists to oversee the security aspects through each phase of the development cycle. Our online solutions consistently result in streamlined transaction processes that significantly reduce the turn-around time from order placement to delivery, saving you and your customer's time and money.

Bureau of Economic Analysis (BEA), RIMS II Online Order and Delivery System



In 2007 MAR successfully completed an upgrade to BEA's Regional Input-Output Modeling System (RIMS), a widely used I-O table that estimates the impact of public and private sector projects/programs on jobs and labor-related earnings in industries and regions across the nation. Utilizing rapid prototyping methodology, the talented software engineers at MAR designed and developed the RIMS II Online Order and Delivery System, a SQL Server database-driven e-commerce solution in a .Net framework that allows companies to purchase and receive RIMS multipliers over the internet rather than by mail.

Developed with an n-Tier architecture, MAR developed a strategy to redesign an in-house client/server application into a web-based e-commerce solution. MAR worked closely with BEA and the Department of Treasury PAY.GOV service to accommodate real-time credit card and e-check processing in secure environment. Our team built a shopping cart solution that integrated closely with a Geographic Information System (GIS) product allowing BEA customers to visually build their data orders.

This new automated process streamlined and improved order placement, processing, and delivery. Since the implementation of the online system, customer orders have increased by 40%. MAR continues to support the RIMS II Online Order and Delivery System through the implementation of ongoing enhancements.