



# R.B. Zack & Associates, Inc.

Case Study: ICC eCommerce Store

*ICC is a leading manufacturer of commercial and residential network and structure cabling solutions with competitive quality and pricing. ICC is an ISO 9001 certified company with diverse and highly qualified personnel working to the highest standards.*

## **Challenge: Transform an Out of the Box Shopping Cart to a Flexible Full-Featured eCommerce Solution**

ICC had already started developing an Open Source Shopping Cart. Their development company was not knowledgeable enough to ICC's change requests, and business requirements. The catalog management, export, import, image library were not supported by ICC's business requirements. ICC wanted an eCommerce solution where can be fully maintained, and support what ICC requires. This shopping card should also have a mirrored site for disaster recovery.

## **Solution: Enhanced Catalog Management, Import and Export**

RBZ&A used ICC's shopping cart platform, NOP Commerce which is an open source shopping cart based on .NET technologies. We tailored the catalog management to enhance the capability of export, and import routine. We created a document library management to allow ICC to maintain product specific documents such as warranty, ROHS, VISIO Diagrams as well as images. We also created signup process for Elite installers providing ICC with all its business requirements. ICC now has a modern and secure eCommerce website with full control of its content. In addition, we created a mirrored site for ICC's disaster recovery purpose.

### **Results:**

- Enhanced NOP Commerce Shopping Cart
- Flexible and Robust Catalog Import / Export
- Affiliate Sign Up

### **Technologies Used:**

- Visual Studio 2010
- C# 4.0
- .NET Framework 4
- IIS 7
- SQL Server 2008
- Windows Server 2008

**For more information,  
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