



Case Study

Adaptable Objects

circlecommerce.com

A key element in Circle Commerce NXG is also what sets it apart from other business software products – **Adaptable Objects™** technology.

Adaptable Objects effectively modifies Circle Commerce software to the specific and unique needs of every customer where needed. It not only refers to the innate qualities of the code structure that permit modifications, but also the process by which customizations are made. Adaptable Objects has three main components:

Software conceived and built for customization - core structures can be modified or amended with client specific attributes and functions.

"Coder-agnostic" code, meaning ongoing and future modifications will adhere to tightly controlled, consistent standards, regardless of the programmer.

Client specific adaptations do NOT affect the ability to continually upgrade the entire system as new versions are released.

The downfall of virtually all customization efforts is that the process (and resulting code) is not tightly controlled. The design of Adaptable Objects was built to specifically overcome this issue:

Software Design

From its initial conception, the Circle Commerce Core (the tools and processes that run the system and application), were built specifically with adaptation/customization in mind. Appropriate functionality was put in place to allow additional tables/screens/processes to be added to a specific customer system, and be identical in every way (and fully documented) to the existing items inside the application.

Tools & Processes

The Circle Commerce Core provides a strong set of functions that deliver remarkably high productivity for our BSAs (Business Software Analysts). These tools are highly focused on adapting existing objects/processes, or the creation of new processes. The BSA is further empowered by the wealth of objects and code segments available that accomplish almost any function.

Code Control

Circle Commerce exerts extraordinary code control measures on our BSAs, so that all Circle Commerce code is written in an identical style. There is no longer a reliance on a single individual, and every BSA can read, review, debug, reuse, and otherwise work with all code. No coding divas allowed!

Adaptation Tracking

Highly detailed tracking and management of all adapted (or created) objects and processes is key to maintaining integrity and control of any given installation. This allows for upgrades of the base Circle Commerce application, carefully working through situations where new Circle Commerce features and an already-adapted object merge.

With Adaptable Objects, Circle Commerce can deliver systems that are readily modified to the unique needs and business rules of each customer. The result— higher efficiency, lower cost, and better business outcomes.



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