Ecommerce Online Store
For
US Based Company

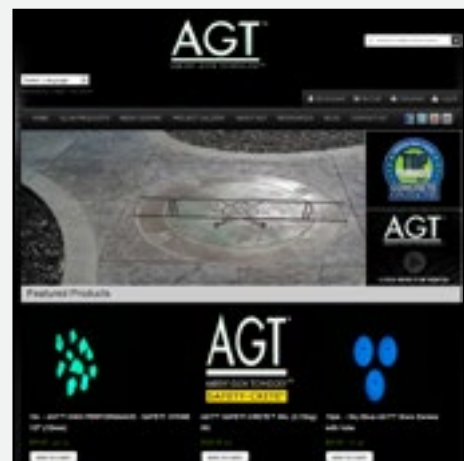SERVICE – ECOMMERCE WEBSITE – MAGENTO

Client Overview

About Client: Client is owned and operated by its parent company. It has been their mission to assist Decorative Concrete, Terrazzo and Epoxy professionals in designing and producing the most unique, environmentally sustainable surfaces in the world. It allows customer's interior / exterior concrete, cement, and stucco or epoxy projects to illuminate for over 10+ hours after being exposed to a light source for only 10 minutes and requires NO ELECTRICITY!!!

Requirement Overview: Client's requirement was to upgrade current website with the latest version of Magento.

Proposed Solution: Silver Touch has done upgrade of this website from Magento Open source code base version 1.4.1.1 to latest Magento ver-1.6.1.

Upgraded Solution: The upgraded solution allow end client to manage the catalog, categories, sub-categories, products, orders, content pages, shipments, and customers within single administration panel of the Magento. End Client can manage the products with categories or sub categories and upload multiple pictures for each product. There will be NO integration with the payment gateway for handling the e-transaction. Payment will be handled through PayPal and PayPal Express Checkout. Customer will be charged for shipping based on table rate shipment method. There will be the standard search functionality allowing users to find products by keywords and within more advance search parameters

CMMi Level RATED 5

Project Description

This has been Magento website upgrade project for non-technical client including all CMS, products, customers and orders data.

1. Data Migration: We have done data migration for Products, Orders & Customers using custom scripts. This was done two times to cover all latest records from current website.

2. PayPal Express Checkout Integration: This is also one of payment method active on website which allows existing PayPal Account holder to make payment through PayPal Express Checkout, their account.

3. PayPal Integration: Based on client request, we have integrated PayPal in website for payment integration. This is Magento out of the box payment gateway.

4. Magento Extension Integration: Silver Touch has integrated following extensions into this website:

      4.1 Ineracktingslider

      4.2. Aheadwork Blog

      4.3. Aheadwork iPhone

      4.4. JQuery Lightbox

      4.5. Silver Order Comment

      4.6. FME Field Manager Extension

5. Magento Customization: Following is a list of customization done in Magento for this project.

      5.1 Project Gallery Section

      5.2. YouTube Video Link

      5.3. Online Google Translator Integration

Types of users: This website has following types of users:

1. Front End Users: At front end website, there will be following types of users.

      1.1. Site Visitor: This type of user will be able to browse all the CMS managed pages and products on the website. They will need to get registered with the site for making purchases. Guest Checkout is NOT allowed.

      1.2. Registered Customers: This type of users will have their personal login information in order to login in the website. This type of user will be able to interact with the website in different manners like, make a purchase, track the order, changes password and access My Account section.

2. Back End Users: At back end website, there will be following type of user.

      2.1.Site Admin: This type of user will ONLY be one user. This admin user will have full access to all features and functionalities of the website. This user will be able to manage the websites with all different modules mentioned in this scope of document.

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Objectives

Main Objective of this website is to upgrade current website with all products, customers and order data so older customers will not lose any order data.

Project Approach / Activities

The Project was divided into various phases to achieve the best results in less time with optimal utilization of available resources.

1. Phase I: System Requirement Study

2. Phase II: Magento Upgrade in following steps:

    2.1. Download latest source and DB from live server to local.

    2.2. Upgrade it in local server.

    2.3. Do all required changes related to current theme in latest Magento CE version

        2.3.1. Migrate all content to latest version including Customers + Products + Orders + CMS page

        2.3.2. Set up same on Test Server

        2.3.3. Do testing in predefined browsers

        2.3.4. Do all bug fixing for browsers compatibility

        2.3.5. Submit it for testing to client on STTL Test Server

        2.3.6. Do changes as requested from client end

        2.3.7. Deploy it on TEST Directory on Live Server

        2.3.8. Do Live Server Testing

        2.3.9. Get confirmation from your and then

        2.3.10. Deploy it For LIVE

        2.3.11. Do final (latest) Database migration for Customers, Orders and Products

Technology

Development Environment

Technology	Specifications
Technology & Framework	Magento-1.6.x
Languages	PHP 5+
Operating System	Windows XP / 7
Database	MySQL 4x
Web Server	Linux Server

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Duration

1. Project Actual Efforts: 90 Man Hours
2. Project Life Cycle: 15 Days

Results Achieved

1. Client has made till date 40K+ USD business using this new website in 10 months.
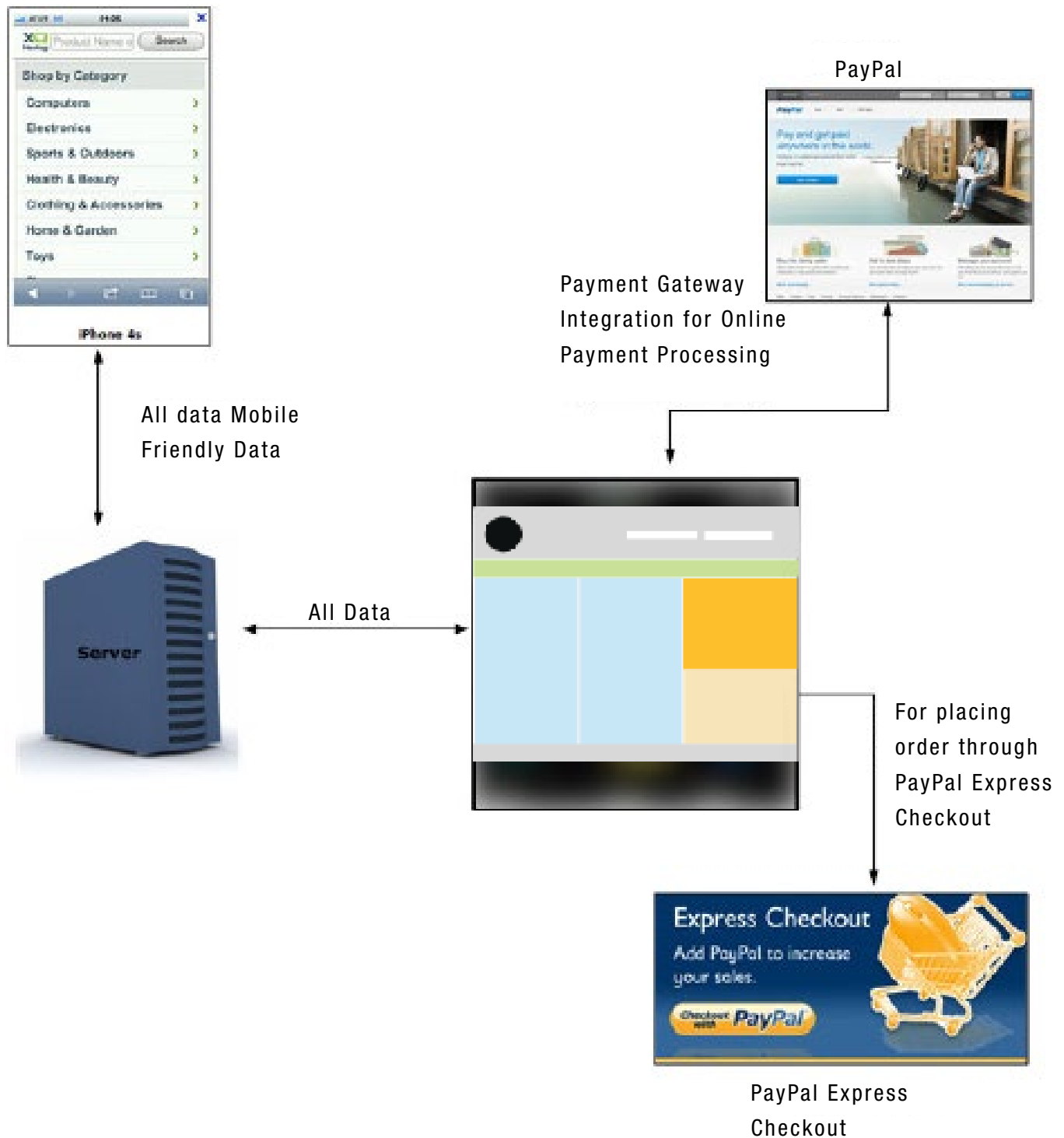
Benefits

1. Customers can now browser website and make an order with high performance optimized website.
2. Customers can access website now from their smart phones as well which is mobile friendly version of website.

Key Challenges

1. Website Upgrade with all CMS, Products, Customers & Orders data
2. Mobile Friendly version of Website Development

Project Flowchart

PayPal

Payment Gateway
Integration for Online
Payment Processing

All data Mobile
Friendly Data

All Data

For placing
order through
PayPal Express
Checkout

PayPal Express
Checkout

Deliver best products, software solutions and services, on time with quality, and as per customer expectations

About SilverTouch

SilverTouch, a company established in 1992 is widely accepted for its IT solutions with a huge customer base in more than 20 countries across the world.

SilverTouch is actively engaged in Enterprise software development, enterprise content management, document management and IT consulting services such as Business process optimization, process consulting, implementation and customization of ERP. SilverTouch leads brilliantly in new technical developments such as: Mobile Application development services on iPhone, iPad, Blackberry, Android, J2ME and Windows mobile platforms. Even now, SilverTouch helps its global clients for major developments, deployments and managements of their mobility solutions and enterprise application development programs.

SilverTouch has alliance with several industry leaders such as Microsoft, Apple, Cisco, IBM, Oracle, SAP, Java, Dell, VM ware, Symantec, Sonic Wall which provides a competitive edge over other industry peers and targets to understand and cater to all types of requirements that concern our clients, thereby, leading to serve them precisely to their satisfaction.

For more information, please visit www.silvertouch.com or email info@silvertouch.com

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