

# TrafficStop (Web Based Application) For Netherland Based Client

[INFORMATION TECHNOLOGY – WEB APPLICATION – SYMFONY / MYSQL]

## Client Overview

**About Client:** A Netherland based client offering IT based solutions and providing services for web application development & IT outsourcing services within high quality and at the lowest possible price across the globe. The company is doing outsourcing IT projects to India and work for larger SMEs. The client is providing IT based functional customer support and sales and marketing.

**Requirement Overview:** The client wanted SilverTouch to assist in the development of robust and powerful mechanism based on open source technology platform for the traffic stop application. This application mainly used to carry out work on the national roads when the traffic sometimes (temporarily) has to be shut down. This action is called “traffic stop” (VS). Only a certified roadside inspector (WIS) and the Police Agency (Police) can perform these VS.

**Proposed Solution:** SilverTouch has provided robust and influential software solution to the client based on open source technology platform. The solution is considered as a traffic control mechanism which can efficiently manage traffic problems.

# TrafficStop (Web Based Application)

## Benefits

Developed application has achieved following benefit:

1. The application users are mainly used this application to carryout work on the national roads when the traffic sometimes has to be shut down.
2. Only a certified road inspector (WIS) and the Police Agency (Police) can perform these VS.

## Project Description

A contractor (AV) requests a traffic stop (VS) at the traffic desk (VL) of Rijkswaterstaat. The VL's assesses the content. Next, the traffic desk traffic stops (VSs) and / or the National Police Agency (PLAN) schedule an executor of a VS. This performer is a WIS, KLPD unit or a unit of the Regional Police.

The executor of the contractor (UIT) has read permissions within the system, thus he can see whom he must contact to perform the VS. De traffic central of RWS places the crosses of speed limits above the road, thus managing the traffic.

## Objectives

The objective of the system is to settle requests for the execution of traffic stops. A request results in an approval with schedule executor or a rejection.

## Project Approach / Activities

The Project was divided into various phases to achieve the best results in less time with optimal utilization of available technology features, capabilities and new enhancements.

**Phase 1:** Understand client system requirement approach with the technology platform and create Software design development approach and sent it to client to let them know our understanding.

**Phase 2:** Approved design by client has been incorporated into the development.

- Design has implemented into the specific technology platform.
- Started to work on development.

**Phase 3:** Development is based on module requirement as per the existing website.

**Phase 4:** Project Testing may occur after complete developed system by Semaphore.

**Phase 5:** Deployment phase has done to the client side.

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## Technology

### Development Platform

Technology	Specifications
Technology & Framework	PHP – Symfony Framework 1.2
Languages	PHP
Operating System	Windows XP
Database	MySQL 5.x
Web Server	Apache

### Deployment Platform

Technology	Specifications
Technology & Framework	PHP – Symfony Framework
Languages	PHP
Operating System	Linux
Database	MySQL 5.x
Web Server	Apache

## Duration

1. Project Man Hours: 419 Man Hours
2. Project Life cycle: 31 Man Days

## Results Achieved

1. The application is currently using by certified roadside inspectors and Police Agency.
2. The application has been running successfully.

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## Process Flow Scheme / Workflow of the System

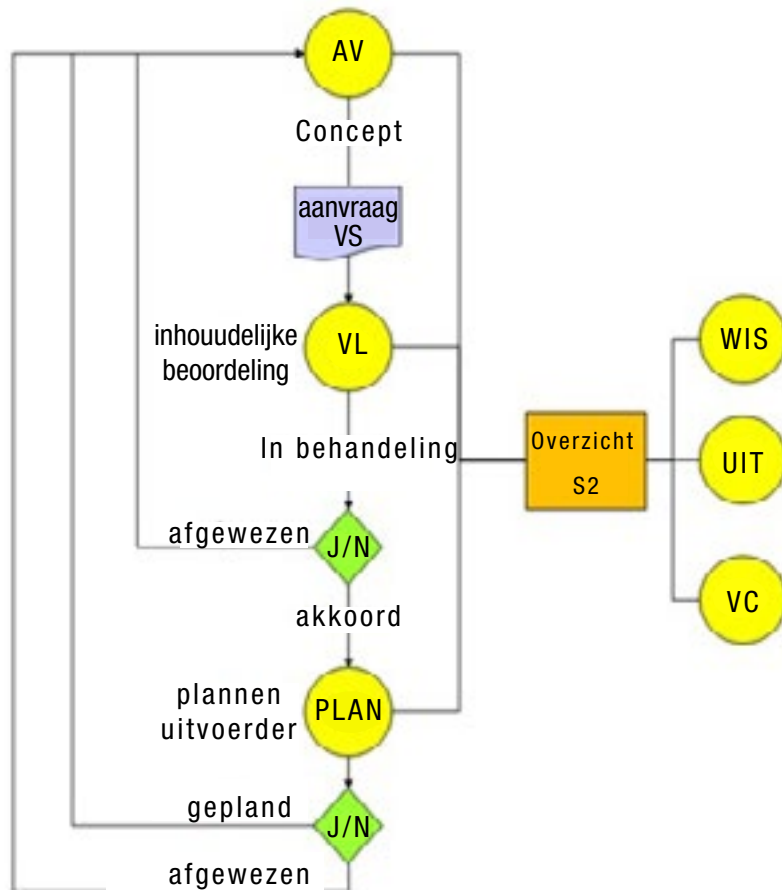


Figure: Workflow Diagram of the System Activity

## System Scheme

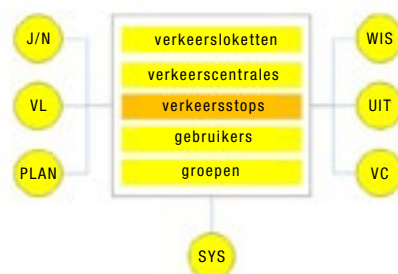
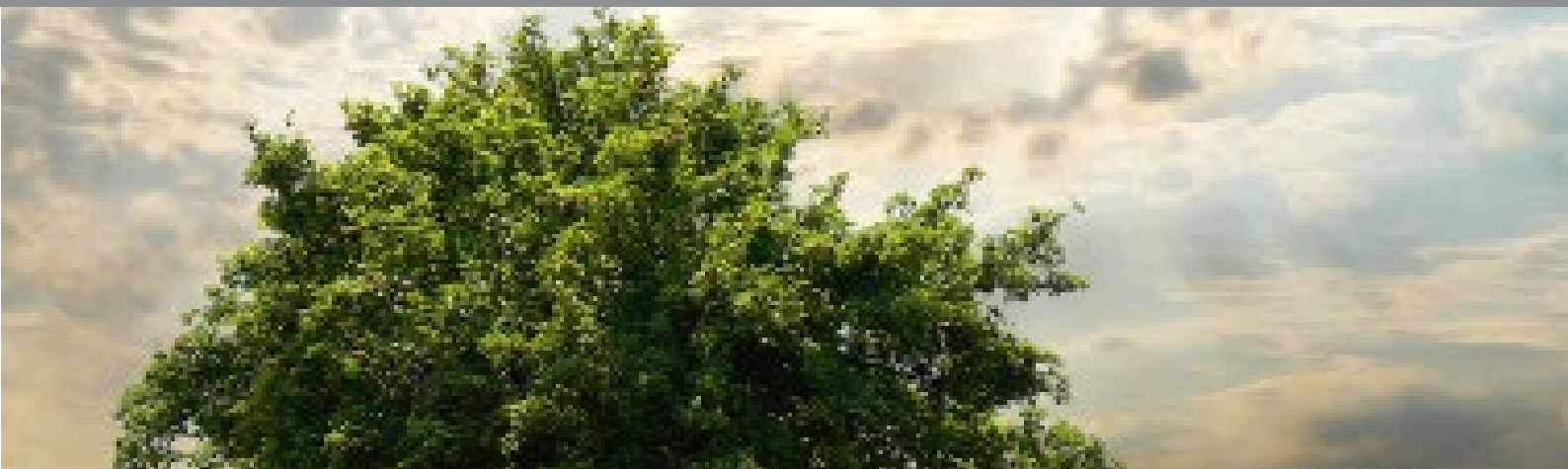


Figure: System Scheme Diagram

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**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](http://www.silvertouch.com) or email [info@silvertouch.com](mailto:info@silvertouch.com)



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