



# Sparsh

*Giving remote access to video recordings*



Samriddhi Automations Pvt. Ltd.

## Dynamic DNS Allocation System

[Sparsh SecuriTech](#)

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### Executive Summary

The client wanted a solution which enabled Sparsh end-customers to monitor and access Digital Video Recorder remotely from anywhere. This required the development of Dynamic DNS Allocation System for Sparsh Securities to allow their DVR (Digital Video Recorder) vendors to create DNSs for devices sold to end-customers.

## Process Followed

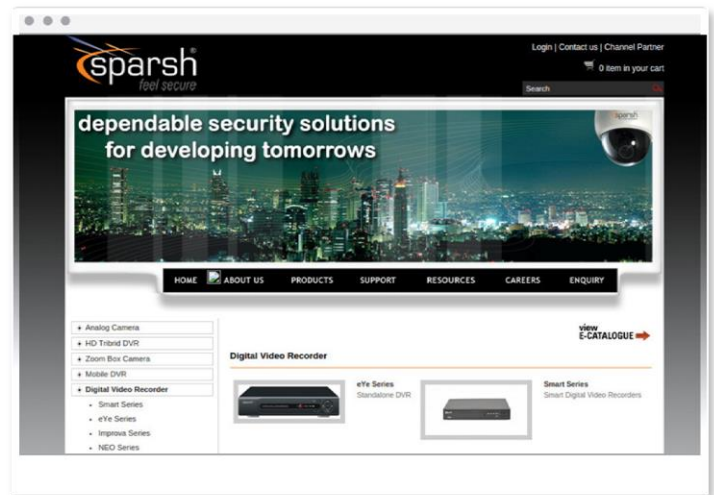
- Visits and interaction with Sparsh (Client).
- Balsamiq mockups of solution.
- Poker Planning, Agile methodology with daily stand-ups, sprints and retrospectives.
- Test Driven Development
- Code and Progress of work shared with Client on Git and Trac.
- Daily 15 min interaction with Client during stand-up, to ensure maximum communication and quick reactions.

## Features of the solution

- Devices can be configured with the DDNS Service.
- DDNS sends "API" calls to update its status on Sparsh servers.
- Users login to their accounts and monitor their DVRs (Digital Video Recorders).

## Results

- Client received huge appreciation from new & existing customers for this feature.
- Users can stream video recordings remotely from anywhere with zero downtime.
- Users can anytime retrieve previous recording stored on remote servers.



## Technologies

Ruby and Amazon Route 53

Rails

PostgreSQL and Amazon SES