



Providing security by managing the product life cycle of a NextGen Admin Verification System

Industry:

Security and Surveillance

The Client:

Our client is an enterprise access control solution provider, enabling the unification of physical and logical access with its Door to Desktop products. Their hardware and software solutions deliver strong authentication processes to facilities, equipment, IT networks and computer applications and allow organizations to administer unified identities across the enterprise. Our client is a pioneer in the use of biometrics for access control.

Business Objective:

Our client delivers the full range of solutions and services required for solving these issues and other problems associated with managing human identity. Our client was on the look out to enhance current features, addition of new features, change architecture from single desktop to client server, multiple database support, new devices support, localization support, user friendly and fancy GUI. Our main objective was to create client/server architecture for the product. We also tested the product to ensure that there were zero critical defects.

Solution:

The application was developed from scratch with analysis, estimation, designing, development and testing. Development and QA team was at offshore and one person from each development team was onsite to help for requirements and solve issues quickly to save customer's time. Software modules like Client Server Architecture, Event Log, Networking and Unit management and Schedules were developed in due course of the project. More than 2500 test cases execution and bugs management was handled through test track system by ennovate technologies.

Challenge:

It was very difficult to enhance the existing features to meet all of above requirements. Above all, the main challenge was to release prototype with major functionalities in just 2 month time frame by understanding 7 years old product and with proper coordination between .Net, VC++, hardware, firmware and QA teams. Timely coordination and proper communication for

module integration between different teams to resolve issues was also necessary. Our team had to get trained on latest technology WPF, WCF and Biometric domain within two week's timeframe to start development as per schedule to meet trade show date.

Technology:

Languages:

- WPF (Windows Presentation Foundation)
- WCF (Windows Communication Foundation)
- C#, VC++

Database:

- SQL Server Express
- Oracle Express

Development Tools:

- Microsoft Visual Studio 2008
- Visual Source Safe
- Microsoft Blend
- Installshield

Client OS:

- WINDOWS XP
- WINDOWS VISTA

Server OS:

- WINDOWS 2003
- WINDOWS 2008

ennovate
Technologies

Case Study

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