

Description of VetCop

The VetCop application is written in Visual Basic using the .Net Framework 2.0. The system requirements for the Web Server are IIS6.0, .Net Framework 2.0, SQL Server 2005 Database Server, SQL Server 2005 Reporting Services Server, Active Directory, and a Web server. Adobe Acrobat 7.0 Professional also needs to be installed on the web server for the PDF Form mail merge to work. The Operating System is Microsoft XP. Because the application contains sensitive data, SSL (Secure Socket Layer) is also installed on the web server so the connection string of the application is HTTPS instead of HTTP. The application uses Microsoft SQL server 2005 as the backend database. All the SSN's are encrypted using Symmetric Key. This application uses Active Directory, so the user is required to login to the OGSNet network before accessing the application. The application itself doesn't need an additional user login, but the user's username needs to be in the Employee table of the SQL Server database. If a user doesn't have permission or if a user's status is inactive, then the application will not let you in. There are seven types of user roles for the application. The roles are used to determine what screens and functions the users can get to. The application uses SSRS (SQL Service Reporting Services) for canned reports and for Adhoc reports. Adhoc reporting is very useful because a report can be created by upper management at any time about any information that is stored on the database. The application keeps track of all the information about a veteran and his/her claims. The forms are prefilled with the information from the database and the other information is entered by the consoler. This application also has the capability of having other documentation stored electronically with the veteran's information thru e-doc.