



## Database Security

The SportsMan SQL application encrypts sensitive data before it is transmitted. The encryption provider is Microsoft Strong Encryption Provider which is a part of the native Windows operating system API using 128 bit RC4 encryption algorithms. All encryption is done on the workstation by the application.

## Application and User Level Security

User level security is managed by SportsMan SQL. Options can be set in the system to require strong passwords (at least 8 characters long and containing both numbers and letters) and force passwords to be changed after a specified number of days.

All users are verified with the database using the SQL SPORTLOGIN account and then use the SPORTUSER account for access to the data.

Users may be given the ability to create new users, which by default have no login access to SportsMan SQL. The user security options must be set using the SYSTEM login in SportsMan SQL.

## Website Security

ActivityReg.com is the web portal for internet registrations. Customers are directed to a page using 128 bit SSL encryption (provided by Thawte Server Certification Authority) once they choose a class or activity to register for.

ActivityReg.com has passed vulnerability scanning to attain PCI compliance as a third party system. Peripheral networks owned and maintained by Peak Software are in the process of being made PCI compliant.

## Customer Credit Card Data Security

In addition to encryption, there are options to limit the vulnerability of customer credit card data that is stored in the system. Options for removing all or a part of the credit card number are found under *File > Administration > Site Configuration*. Choose the site to modify and then click *Edit*. Select the *Financial* tab. Under the *Credit Card Processing* section, choose the method to use and the number of days to keep a number before deleting all or part of it. Credit card data is removed automatically when the till is reconciled, but can be done manually by going to *File > Administration > Administrator Tools > Clean Credit Card Data*.

## Additional Suggestions for Securing SportsMan SQL

### Change the SQL SA password

If you installed SQL by running the SportsMan SQL Server installer, then a default password is used for the SA account on SQL. It is important to secure the SA user because it has unlimited access to all databases on the SQL server.

Log in to your server as an administrator and open the Windows command line.

**Windows XP or Earlier:** Go to Start > Run and type cmd in the dialog box and click Run.

**Windows Vista:** Go to Start and type command in the search box. Near the top of the menu, right click on Command Prompt and choose Run as Administrator.

Once in the Windows command line, access the SQL command line by typing *sqlcmd -S localhost* at the command prompt. The SQL command prompt is represented as *1>*. Type the following commands on separate lines to change the passwords, replacing *newpassword* with the new unique password you would like to use.

```
sp_password @new = 'newpassword', @loginame = 'sa'  
go  
exit
```

### Change Other SQL Passwords

SportsMan SQL uses two SQL logins which are created along with the database. The users are SPORTUSER and SPORTLOGIN. Default passwords are used for the logins. The passwords should be changed to ensure maximum security.

Change the SPORTLOGIN and SPORTUSER passwords by navigating to the program directory of SportsMan SQL (typically C:\Program Files\Peak Software Systems\SPORTSQL) and run *Utility.exe*. Click on *Change SQL Passwords* and respond *Yes* to the prompt. Type the SQL SA password in the appropriate field in the top left of the screen (the SA user will be used to change the passwords on the SQL server). Type in a unique password for SPORTLOGIN and click *Set Password*. Do the same for SPORTUSER.

Once the SPORTLOGIN password has changed, users will attempt to launch SportsMan SQL and will encounter a connection error message. When prompted, choose to review the connection settings and click on the *Advanced Settings* button. Update the SQL password field with the new SPORTLOGIN password.

The system will also need the SPORTUSER password to create new user accounts. Update the password in SportsMan SQL by going to *File > Administration > System Configuration* and choosing the *Connection* tab. Update the SQL password field under Default SQL User Settings for New User.

## **Change Application Passwords**

SportsMan SQL has default administrative accounts, ADMIN and SYSTEM, which have default passwords. The passwords should be changed to ensure maximum security.

To change user passwords in SportsMan SQL, login as SYSTEM or a user with sufficient site privileges. Go to *File > Administration > User Administration* and select the user to modify and click *Edit*. Click the *Set Password* button near the top right corner of the screen. Type in the new password and then verify it.