IMU VIRTUAL SERVER

Each wing can establish a Virtual Server Host that will allow IMU users in their wing to share a common database while running in the Virtual Server mode. The server will generally support up to 20 users at one time (system performance will degrade if more than 20 users are running at one time). The advantage of using the IMU Virtual Server over the normal Virtual mode is that the Host does not need to be running the IMU application and the wing does not need to support a special computer for IMU.

The commercial server must be a Windows based server as it must run active server pages (ASPX).

To install the Server-Client application on a new server, do the following:

1. Start by updating your IMU application to the latest release. The instructions may not work with an older release.
2. Upload the de-compressed VIMU folder supplied by Pete Andersen to the server. It does not really matter where the folder is installed, but it is better NOT to install it under the wwwroot. This will prevent users from accidentally accessing the application directly with a browser. If you are running Microsoft Server on your own machine, try installing it in Inetpub. If you are installing it on a multi-user (commercial) server, install it in your home directory.
3. Create a Virtual Directory which points to VIMU. On some commercial servers these are called Web Directories. I call mine IMU and will use this in what follows. However, you may substitute anything for IMU. This virtual directory must also be designated as a Web Application with read/write permissions. How to do this varies widely from server to server, so specific instructions cannot be given. If using ixWebHosting, I can provide screenshots to help.
4. Create a subdirectory in VIMU\App_Data with a name which is your two letter wing identification. For Nevada this is VIMU\App_Data\NV. I will call the wing Wg in what follows.
5. Create two virtual FTP accounts (called subaccounts on some servers), both of which point to VIMU\App_Data\Wg. One should be read/write and the other read only. Some servers do not allow read only, and this is not a fatal problem -- just be careful who you give the password to. The username and password for these two accounts will be supplied by Pete Andersen. Pete's passwords are 14 digits long, and some servers allow only 12 digits. If you can use 14 digits, do so. If you cannot, use the leftmost 12 digits for the passwords, and see the special instruction below. If neither 14 or 12 digits are allowed, you need to talk to Pete.
6. Open the IMU setup screen and fill in the parameters. The server URL would be http://yourserver.com/IMU and the FTP URL would be yourserver.com. It is recommended that you check the Passive box so that passive FTP is used. This is required for any user behind a firewall, so just do it that way. If you used a 14 digit password, check the Long box; if you used a 12 digit password, uncheck the Long box. You do not need usernames or passwords – the IMU application generates those automatically. Click Save when done.
7. Make sure you have an IMU database on your computer. If you do not, create one from the WMU.
8. Use the IMU setup screen to upload this database to the host. You must log into the IMU as an administrator to do this. If you cannot do that, manually FTP the database up to the server using the read/write FTP account.
9. Help all your users to fill out the IMU setup screen and they are ready to go.