

# Web Security

Users and their website access rights are controlled through .csipasswd files. Note that .csipasswd files control access to websites as well as direct access to data sources and dataloggers using the API commands described in the manual.

Each user can be given one of the following access levels:

- **None** – No access is allowed. The account is disabled.
- **Read Only** – Allowed to view data. No values can be changed.
- **Read/Write** – Allowed to view data, make changes to writeable values in a datalogger's Public or Status table or a virtual data source, and set a datalogger's clock.
- **All** – Allowed to view data, make changes to writeable values in a datalogger's Public or Status table or a virtual data source, set a datalogger's clock, use the API FileControl command, and publish websites.

## PC Websites

In order to publish a website to the CSI Web Server, a .csipasswd file must be created. The root directory and each remote folder under the root directory can have its own .csipasswd file. This .csipasswd file controls the user accounts and passwords that will be able to publish projects to that directory and controls user access to websites in that directory. In order to publish, a user account needs to be assigned an access level of "all".

If a remote folder does not have its own .csipasswd file, the root .csipasswd file will be used.

For PC Websites, there is a default .csipasswd file which includes two users:

Username: admin  
Password: admin  
Access Level: All

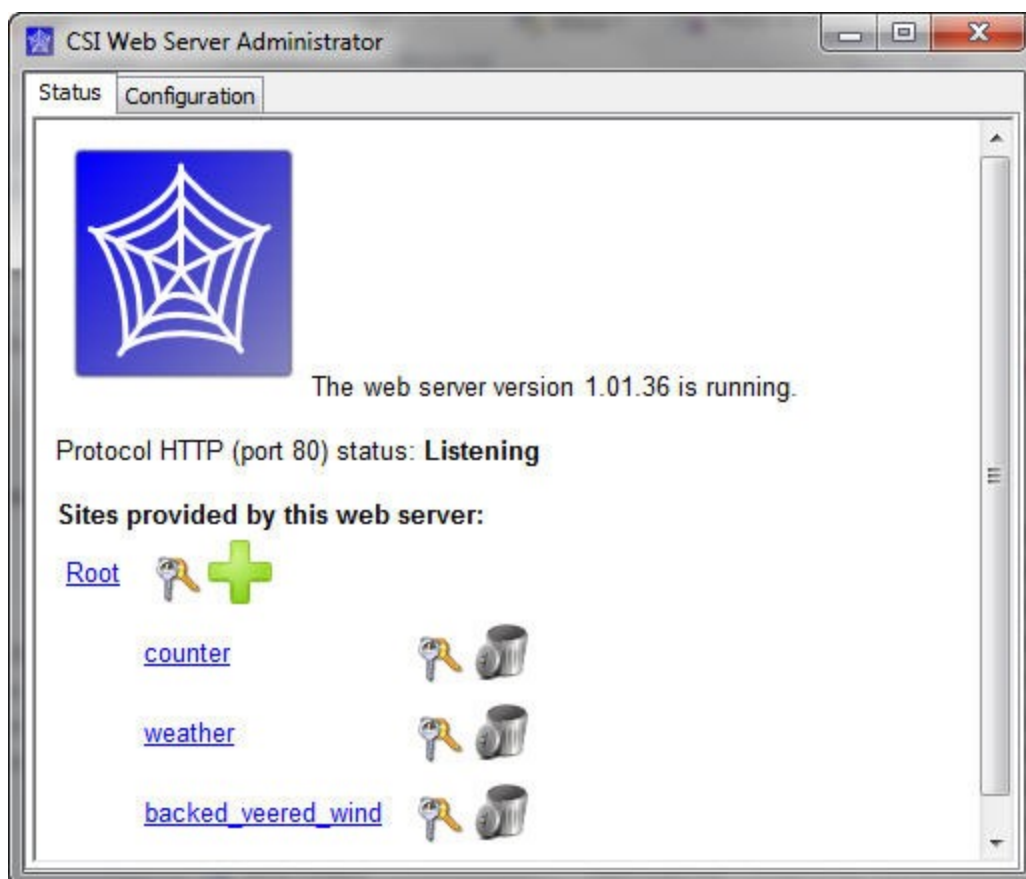
Username: anonymous  
Password:  
Access Level: Read Only

If a root .csipasswd file has not been created, this default .csipasswd file will be used for the root directory and any remote folder that does not include its own .csipasswd file,

The CSI Web Server Administrator is the preferred method of creating and editing .csipasswd files. They can also be created and edited from the Web Publisher. Both methods are described below.

### Using the CSI Web Server Administrator

To create the .csipasswd file in the root directory, press the keys icon next to "Root". To create a .csipasswd file for a new remote folder press the + icon next to "Root", enter a name for the site, and press Add Subdirectory. Once the new subdirectory appears under "Root", press the keys icon next to the subdirectory to create the .csipasswd file for that subdirectory. The key icons can also be used later to edit the .csipasswd files.



## Using the Web Publisher

To create or edit a .csipasswd file from the Web Publisher, select a website from the **Websites** list. You will be creating or editing the .csipasswd file for the subdirectory shown in Remote Folder. If the Remote Folder field is blank, the website is being published to the root directory and you will be editing or creating the root .csipasswd file. Select the **Send new password file** check box and then press the Edit Password File button to bring up the **Website .csipasswd File Editor**. Define the user names and access levels you want to be available for this website and press the OK button. Press the Publish Website button to publish the website and send the new password file.

Notes: If you are creating a root .csipasswd file from the Web Publisher, you will need to enter the default admin user ID and password described above in the User ID and Password field to publish the website and send the new password file. When the website is published again in the future, you will use an "all" access level user ID and password from the root .csipasswd file to publish to the root directory.

If you are creating a .csipasswd file for a remote folder from the Web Publisher, you will need to enter an "all" access level user ID and password from the root .csipasswd file (or the default admin user ID and password described above if there is no root .csipasswd file) to publish the website and send the new password file. When the website is published again in the future, you will use an "all" access level user ID and password from the remote folder's .csipasswd file to publish to the remote folder.

## Datalogger Websites

Device Configuration Utility (DevConfig) must be used to create the initial .csipasswd file for a

datalogger. The .csipasswd file is created by connecting to the datalogger in DevConfig and then pressing the Edit .csipasswd File button on the **Net Services** tab. Define the user names and access levels you want to be available and press the Apply button. Pressing the Apply button sends the file to the datalogger.

Once a .csipasswd file resides on the datalogger, it can be overwritten from the Web Publisher. Select the datalogger website from the **Websites** list. Select the **Send new password file** check box and then press the Edit Password File button to bring up the **Website .csipasswd File Editor**. Define the user names and access levels you want to be available and press the OK button. Press the Publish Website button to publish the website and send the new password file.

When you press the OK button on the **Website .csipasswd File Editor** dialog box in Web Publisher, this file is stored to your computer. When you press the Publish Website button, this file will be sent to the datalogger and will overwrite the current .csipasswd file. Note that when you press the Edit Password File button, you are editing the file stored on your computer, not the one stored on the datalogger. This file does not contain any changes made using DevConfig. Therefore, if you have made changes to the .csipasswd file from DevConfig, they will be overwritten when you press the Publish Website button.