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# Operator Interface

## Tech Note 16

## Using Websync to Retrieve CSV Files



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### **Abstract:**

This document describes the use of the Web Sync command line utility that is bundled with Crimson<sup>®</sup> 2.0 and Crimson<sup>®</sup> 3.0.

### **Products:**

G3 Series HMI / Graphite<sup>®</sup> HMI / Modular Controller / Data Station Plus / ProductVity Station

### **Use Case / Problem Solved: Transfer Logs without FTP**

Crimson offers FTP and SQL (3.0 only as well as model dependent) Synchronization options, but both require server software being installed on a PC. Websync uses the web server feature to transfer all of the log files to a local or network drive.

### **Required Software:**

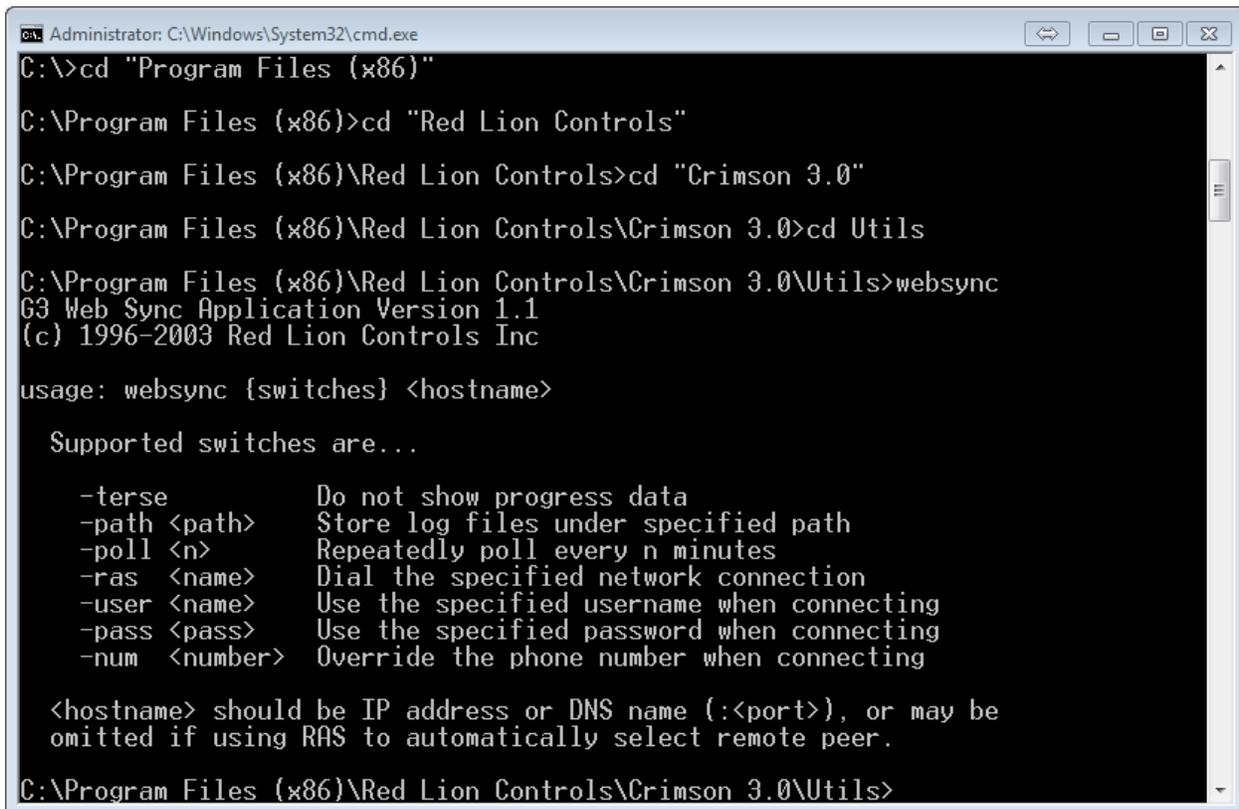
Crimson<sup>®</sup> 2.0 or 3.0

## Crimson Configuration

The Network port must be enabled. The Web Server must also be enabled, along with the Data Log Access feature.

## Usage

- Websync is installed in:
  - C:\Program Files (x86)\Red Lion Controls\Crimson 2.0
  - and
  - C:\Program Files (x86)\Red Lion Controls\Crimson 3.0\Utils
- It is a command line utility that can be run from the command line or called from a BATch file.
- The screenshot below shows its location and available switches.
- A batch file could be executed on a timed basis, using Windows Task Scheduler, instead of leaving it running with the `-poll` switch.



```
Administrator: C:\Windows\System32\cmd.exe
C:\>cd "Program Files (x86)"
C:\Program Files (x86)>cd "Red Lion Controls"
C:\Program Files (x86)\Red Lion Controls>cd "Crimson 3.0"
C:\Program Files (x86)\Red Lion Controls\Crimson 3.0>cd Utils
C:\Program Files (x86)\Red Lion Controls\Crimson 3.0\Utils>websync
G3 Web Sync Application Version 1.1
(c) 1996-2003 Red Lion Controls Inc

usage: websync {switches} <hostname>

Supported switches are...

    -terse           Do not show progress data
    -path <path>    Store log files under specified path
    -poll <n>       Repeatedly poll every n minutes
    -ras <name>     Dial the specified network connection
    -user <name>    Use the specified username when connecting
    -pass <pass>    Use the specified password when connecting
    -num <number>  Override the phone number when connecting

<hostname> should be IP address or DNS name (:<port>), or may be
omitted if using RAS to automatically select remote peer.

C:\Program Files (x86)\Red Lion Controls\Crimson 3.0\Utils>
```

## LAN Connection Example

```
C:\Program Files (x86)\Red Lion Controls\Crimson 3.0\Utils> websync -path u:\desktop\logs -poll 1 192.168.15.53
```

C:\Program Files (x86)\Red Lion Controls\Crimson 3.0\Utils>: the directory where websync is located

websync the executable\*

-path u:\desktop\logs: the local folder to store the files, limited to 256 characters\*

-poll 1: how often to poll in minutes

192.168.15.53: the IP address or hostname of the unit with the log files

When the -poll switch is used, the program will continue to run until it is cancelled. Without the -poll switch all of the logs will be copied and the program will exit.

\* -path and <hostname> are the only required switches while connected via a LAN.

## Non-LAN Connection Example

```
C:\Program Files (x86)\Red Lion Controls\Crimson 3.0\Utils> websync -path u:\desktop\logs -poll 1 -ras Telit -user George -pass George -num 5551234567
```

C:\Program Files (x86)\Red Lion Controls\Crimson 3.0\Utils> the directory where websync is located

websync the executable

-path u:\desktop\logs the local folder to store the files, limited to 256 characters\*

-poll 1 how often to poll in minutes

-ras Telit is the name of the connection you want to use ras

(Remote Access Service) (this is configured in Windows)\*

-user George is the user name (if required) for the ras connection

-pass George is the password (if required) for the ras connection

-num 5551234567 is used to override the default phone number associated with the ras connection

\* -path and -ras are the only required switches while connected via a LAN.

For more information: <http://www.redlion.net/support/policies-statements/warranty-statement>

