



TECHNICAL NOTE TNOI16

Title: Using Websync to retrieve CSV files from G3

Product(s): G3 Series HMIs

INTRODUCTION:

Websync is software designed to synchronize data from the G3's data logger to a PC. This saves the user from having to mount the Compact Flash card, and use it as a removable drive; or browse the web to download the files.

BACKGROUND:

For Websync to work you must first enable and configure a remote connection. This connection could be Ethernet or the PPP Server driver. The Web Server also needs to be enabled, the only option needed is the Data Log Access, but any options can be chosen.

```
C:\WINDOWS\System32\cmd.exe

C:\Program Files>cd "Red Lion Controls"
C:\Program Files\Red Lion Controls>cd "Crimson 2.0"
C:\Program Files\Red Lion Controls\Crimson 2.0>websync
G3 Web Sync Application Version 1.0
(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, or may be
omitted if using RAS to automatically select remote peer.

C:\Program Files\Red Lion Controls\Crimson 2.0>
```

LAN CONNECTION

Start by opening a command prompt, and then use the following syntax:

```
c:\program files\red lion controls\crimson 2.0>websync -path u:\desktop\logs -poll 1 192.168.15.53
```

c:\program files\red lion controls\crimson 2.0> is the directory where websync is located

websync is the executable

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

-poll 1 is how often to poll in minutes

192.168.15.53 is the IP address of the G3

You can either leave this program running in the back ground and use the -poll switch to update, or you can just call the program when you want to update and forget about the -poll switch.

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

NON-LAN CONNECTION

```
c:\program files\red lion controls\crimson 2.0>websync -path u:\desktop\logs -poll 1 -ras Telit  
-user George -pass George -num 5551234567
```

c:\program files\red lion controls\crimson 2.0> is the directory where websync is located

websync is the executable

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

-poll 1 is how often to poll in minutes

-ras Telit is the name of the connection you want to use (this is configured in Windows) ras stands for Remote Access Service

-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

The -path and -ras are the only required switches while connected via a non-LAN.