OWM 2.4.0 Release Notes

Release History

Items for Release 2.4.0

- Events are now logged to the external PCMCIA disk drive. This feature is enabled when data logging is enabled.
- When a large number channels is defined, the data log can become corrupted. Fixed in version 2.4.0.
- A reboot event is generated when the system is started.

Items for Release 2.3.2

- Release 2.3.0 would give an invalid version when trying to connect to version 2.1.2.

Items for Release 2.3.0

- Fast Data Logging has been added.
- Total power alarms has been added.

Items for Release 2.2.0

- Email notification of events using SMTP. Note: configuration of the email notification is a CLI function only and is not supported in the GUI.
- Modification of a device name is enabled.
- The TCP/IP port used for communications with the GUI can now be set by the administrator.
- The GUI login screens now display the OWM name and description. These fields are automatically updated when a connection is made.

Items for Release 2.1.2

- Added wildcard support in the FTP "**mget ***" command; not all patterns are supported.
- Corrected a defect in the Disk Log, that used period (".") instead of comma (",") as a column separator.
- Added header information to the Disk Log file.
- Changed the automatic alarm generation tables.

Installing and Upgrading OWM Software

The following instructions show how to install or upgrade the OWM software.

When you install the OWM GUI software from the CDROM, a directory named "C:\Program Files\Lightwave\Firmware" is created on your workstation's hard drive. This directory contains a file named "owm_ctlr_app_220.srec".

Use FTP to download from your Workstation to the OWM

The procedure for upgrading the software is to use File Transfer Protocol (FTP) from your workstation, to download the new software to the OWM's RAM drive. Once the software is on the OWM RAM drive, you can download it to one of the OWM's software image slots. Assigning the software image slot containing the new software to be the default will cause the OWM to load the software version in the default image slot during reboot.

The example shown assumes the OWM's IP address is "172.16.1.222" and the source file containing the OWM Controller Application software is called "owm_ctlr_app_220.srec". Use "admin" for the user and password values.

1. Power up and boot the OWM.
2. Select "Start > Run"; a "Run" window will appear.
3. In the "Run" window's "Open:" text field, type: **`cmd`** (or **`command`**)
4. Type: **`c:`**
5. Type: **`cd :\Program Files\Lightwave\Firmware`**
6. Type: **`ftp 172.16.1.222`**
7. Reply to the prompts with user name **`admin`** and password **`admin`**.
8. Type: **`put owm_ctlr_app_220.srec`**
9. Type: **bye**

Here is an example:

```
C:\>c:
C:\>cd \Program Files\Lightwave\Firmware
C:\Program Files\Lightwave\Firmware>ftp 172.16.1.222
Connected to 172.16.1.222.
220 FTP server (OWM_Controller 2.1.0 2002-12-16 094703) ready.
User (172.16.1.222:(none)): admin
331 Password required
Password: admin (not visible)
230 User logged in
ftp> put owm_ctlr_app_220.srec
200 Port set okay
150 Opening BINARY mode data connection
226 Transfer complete
ftp: 4911082 bytes sent in 5.02Seconds 978.89Kbytes/sec.
ftp> bye
221 Bye...see you later
C:\Program Files\Lightwave\Firmware>
```

Use Telnet to Install the OWM Software

Review the available software image slots on the OWM with the “Show Software” command, using a telnet session:

1. Select "Start > Run"; a "Run" window will appear.

2. In the "Run" window's "Open:" text field, type: **`telnet 172.16.1.222`**

```
   manufacturer: Digital Lightwave, Inc
        product: WM-100-C-32C-2-1
    part number: 5-0001-05467-10
  serial number: OWM03020009
       software: OWM_Controller 2.1.0 2002-12-16 094703

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login: admin
password: *****
% show software
Slot  State Description
----- ----- -----------
 boot ok    OWM_Controller_Boot 1.1.0 2002-12-03 125749
*0    ok    OWM_Controller 2.1.0 2002-12-16 094703
 1    clear
 2    clear
%
```

3. Clear an available software image slot (slot 1 or 2) with the “Software Clear” command. Note that software cannot be cleared from slot 0; new software must only be loaded into slot 1 or 2. If the slot to be cleared is the default slot (indicated by an asterisk (“*”) preceding the slot number), it is necessary to change the software default slot before using the software clear command.

```
% software default 0
% software clear 1
WARNING: Permanently erase software image 1 (yes/no)? yes
%
```

4. Download the software image from the OWM’s RAM drive to the cleared software image slot with the “Software Download” command:

```
% software download 1 "owm_ctlr_app_220.srec"
%
```

5. Make the new software image the default image (to be run by default when the OWM is booted) with the “Software Default” command.

```
% software default 1
% show software

Slot  State Description
----- ----- -----------
 boot ok    OPM_Controller_Boot 1.1.0 2002-12-03 125749
 0    ok    OWM_Controller 2.1.0 2.1.0 2002-12-16 094703
*1    ok    OWM_Controller 2.2.0 2004-02-02 131001
 2    clear

%
```

6. Reboot the OWM:

```
% reboot
!SYSTEM: reboot
```

7. After rebooting, the OWM will be running the new controller software. Confirm the new software is running by starting a telnet session:

```
  manufacturer: Digital Lightwave, Inc
       product: WM-100-C-32C-2-1
   part number: 5-0001-05467-10
 serial number: OWM03020008
      software: OWM_Controller 2.3.0 2004-09-10 131001

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login:
```