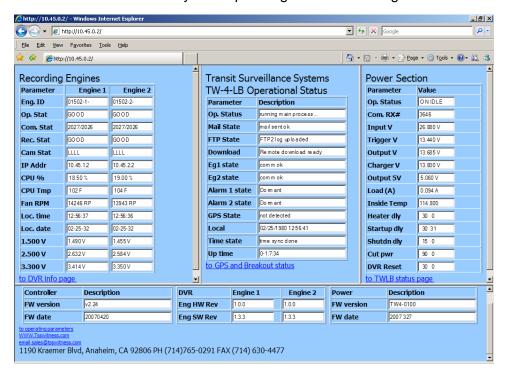# TW4-LB Health Status Web Page

The TW4-LB recorder publishes a real time "System Operating Status Web Page" which is viewable with an Ethernet connection, or wireless if available. To view, open Internet Explorer and type in the TW4-LB systems central controller IP address in the web page URL address line. If you do not know the web page IP address typically the IP scheme uses a "0" in the third place holder of the IP address that can be viewed using Finder.

The system diagnostic Web page contains approximately 90 fields of current operational status information for the connected System. In addition, you are able to configure the TW4-LB system IP information and E-mail configuration through the published Web page. Maintenance can review system operating conditions at a glance viewed below:

Recording status	Operational status	Input voltage
Hard drive activity	E-mail state	Trigger voltage
Camera status	GPS state	Amp load
Local time & date	Time sync complete	Startup & shut down time

Additional Pages:

Operating Parameters Page- Firmware versions, Email setup
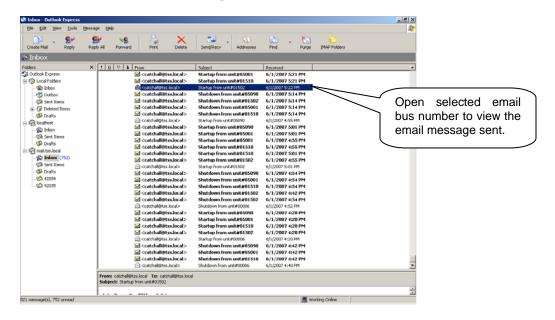
System Configuration & Setup Page:

The Configuration page allows the user to setup the vehicle ID, IP's, E-mail, Time & Date information all from one location. Access by clicking on "to parameter Input" located at the bottom of the web page.

Parameter	Value	Description
Vehicle ID	01502	Vehicle ID
Controller address	10.45.0.2	Controller IP address
Net mask	255.0.0.0	Network mask
Gateway	10.0.0.1	Gateway address
DVR1 address	10.45.1.2	DVR 1 IP address
DVR2 address	10.45.2.2	DVR 2 IP address
Email server	10.0.0.1	Email server IP address
Email from	catchall @tss.local	Email source address
Email to	catchall @tss.local	Email to address
Date	04/20/07	Date to synchronize (mm/dd/yy)
Time	12:00:00	Time to synchronize (hh:mm:ss)
FQC	0	FQC

Enter

back to version info

E-Mail Operating Status Message

Upon system start-up the TW4-LB Central Controller will send an E-mail message via the wireless network to the TSS wireless server which can then be forwarded to any other department. An E-mail with the current operating conditions is generated each time the system is started and shutdown. If forwarded to the maintenance department, the E-mails can be used to maintain fleet readiness reports, or to create work maintenance work orders.

Sample TW4-LB Fleet Operating Status Start & Shutdown E-mail Inbox

E-mail message from TW4-LB system startup-


```
Startup from unit#01502
File   Edit   View   Tools   Message   Help

Reply  Reply to Sender  Forward    Print    Delete   Previous   Next    Addresses

From:      catchall@tss.local
Date:      Friday, June 01, 2007 5:22 PM
To:        catchall@tss.local
Subject:   Startup from unit#01502

1.1. Controller FW  : v2.24
2.1. DVR Engine   : 01502-1- : 01502-2-
2.2. Local time   : 17:47:33 : 17:47:33
2.3. Local date   : 02-22-32 : 02-22-32
2.4. SW rev       : 1.0.0   : 1.0.0
2.5. Recorder stat: GOOD    : GOOD
2.6.  Camera status: LLLL    : LLLL
2.7. 1.5V        : 1.490 V : 1.455 V
2.8. 2.5V        : 2.644 V : 2.584 V
2.9. 3.3V        : 3.414 V : 3.350 V
2.10. Temperature :  100 F  :  102 F
2.11. Fan 1 RPM   : 14246 RP : 14246 RP
2.12. Cam 1 name  : Channel : Channel
2.13. Cam 2 name  : Channel : Channel
2.14. Cam 3 name  : Channel : Channel
2.15. Cam 4 name  : Channel : Channel
4.1. DC-DC Info   : TW4-0100
4.2. Input voltage : 26.600 V
4.3. Trigger volt : 13.440 V
4.4. Output voltage: 13.800 V
4.5. Output current: 0.094 A
4.6. Profile     :   BENCH
```

Remote Technical Support

TSS also offers our customers the ability to use a wireless LAN or a **"Sprint Connection Card"** in the maintenance technician's laptop providing remote access to the on-board System via the Internet. TSS technical staff can provide live trouble shooting and training through the technician's laptop remotely from TSS corporate headquarters while the maintenance technician is on-board the vehicle. This feature can save valuable time and maintenance expenses by answering technical questions quickly.

Remote System Support

TSS customer support is controlling agency's laptop.

Maintenance laptop is connected to the TW4-LB on-board bus.