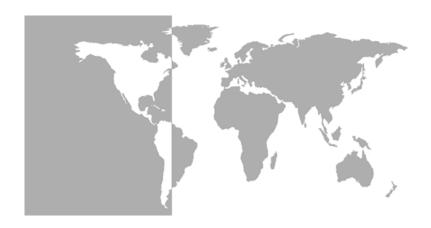
GE Sensing



Protimeter HygroTrac Remote Wireless Monitoring System

Web Site User's Guide



GE Sensing

Protimeter HygroTrac Remote Wireless Monitoring System



Web Site User's Guide INS9000WS, Rev. A July 2007

HygroTrac is a GE Protimeter product. GE Protimeter has joined other GE high-technology sensing businesses under a new name-GE Sensing.



Table of Contents

Service Agreement	V
Introduction	
Creating a New Account	1
Accessing the Web Data Service	4
Adding an Existing Site	5
Creating a New Site and Adding a Gateway	6
Viewing the Job Sites Screen	10
Looking Up Job Sites Quickly	12
Viewing and Graphing Sensor Measurements	13
Deactivating and Reactivating Sensors	15
Understanding Inactive Sensors	15
Plotting Sensor Measurements	16
Updating the User List for a Site	17
Generating a Record of Drying Conditions (RDC)	18
Downloading Specific Site Data	20
Generating a Site Report	22
Viewing and Setting Alarm Thresholds	24
How Thresholds Function	24
Setting Up Thresholds	25
Updating Site Data	27
Accessing "My Account"	29
Adding, Updating, or Deleting Users	30
Maintaining Company Information	34
Viewing/Changing Your Profile, Password, or E-mail	36
Exiting the HygroTrac Web Site	36
Accessing the Equipment Pull-Down Menu	37
Viewing All Gateways	37
Viewing All Sensors	38
Finding Support and Help	40

Service Agreement

GE Sensing and its partner will provide access to the Internet, and the Subscriber will utilize GE Sensing's service according to the following terms and conditions:

- Service
- Technical Support
- Equipment Utilities
- Cancellation
- Termination by GE Sensing
- Termination by Subscriber
- Data Indemnification
- Limited Warranty
- Limitation of Liability
- Compliance with Law
- Law
- Notice
- Pricing
- Fees, Payment Method

The above terms and conditions are described below in detail.

Service

Upon receipt and approval of this signed Agreement, GE Sensing shall create Subscriber's account to enable Subscriber's access to GE Sensing internet access service (the "Service"). Subscriber is responsible for all use of Subscriber's account and confidentiality of passwords.

Technical Support

GE Sensing will provide technical support at no Charge to Subscriber to assist in establishing Subscriber's connection to the Service and configuration of Internet software tools provided by GE Sensing.

Technical support hours are from 8:00 AM to 5:00 PM EST., Monday through Friday, except on nationally observed holidays.

Equipment Utilities

Subscriber shall provide his or her own computer equipment necessary to access to the Service. Subscriber is responsible for all telephone and broadband charges for connecting to the Service.

Cancellation

To cancel your account, you must notify GE Sensing in the following manner and with the following:

- By telephone at (800)-321-4878. You must provide your name, username, e-mail address and phone number on the account for verification purposes in order for the cancellation to be valid. Or,
- In writing by postal mail to GE Sensing HygroTrac, 1100 Technology Park Drive, Billerica, MA 01810, USA. Or,
- By Faxing to GE Sensing HygroTrac at (978) 437-1031. Or,
- By electronic mail to meters@ge.com.

In the event of notifying the cancellation of your account in writing, you may be contacted by GE Sensing representative to verify your account information such as your name, username, e-mail address and phone number. This is required in order for your account cancellation to be valid.Or,

• You may also notify in person at any GE Sensing office.

Cancellation (cont.)

Failure to use services made available by GE Sensing does not constitute a valid cancellation. Your account will automatically renew for a renewal period equal to the original period of service for which you contract unless specifically terminated per the procedures detailed herein or by GE Sensing per this Agreement. GE Sensing does not refund prorated intra-period charges upon cancellation and does not provide any refund for pre-paid services purchased under this agreement. In the event of cancellation, all services provided by GE Sensing will terminate on the effective cancellation date and GE Sensing shall have no further obligation to provide services of any kind after that date.

Termination by GE Sensing

GE Sensing, at its sole business judgment, may terminate this Agreement immediately or suspend Subscriber's access to the Service for refusal or failure to pay for Service or by sole judgment of GE Sensing that Subscriber may be performing activities harmful to GE Sensing or its Subscribers, employees, vendors, business relationships or any other users of the Internet.

Termination by Subscriber

Subscriber may terminate this Agreement at any time. The termination will be effective 2 working days after the notice is received. In the event an amendment is adopted by GE Sensing, which was not part of the Agreement when you purchased your service, and which you find unacceptable or otherwise impossible to comply with, you have the right and duty to terminate your services. In order to terminate services, you must notify GE Sensing of your intent to cancel (see "Cancellation" section on page vi). Where pricing option 1 is selected (see section entitled "Pricing" on page ix) then payments are required until the end of the contract.

Data Indemnification

Subscriber understands and agrees that the Internet is a conglomeration of online data bases operated by distinct entities having no business or legal relationship to GE Sensing. GE Sensing has no input whatsoever as to the content of Internet data accessed via the Service. Subscriber is solely responsible for any value or reliance it places on information obtained via the Internet. GE Sensing does not monitor nor control any information on the Internet. It does not warrant the information is appropriate for families nor does it warrant that the information available on the Internet does not violate copyright, libel or privacy laws. Subscriber is liable for his/her users of the Internet and will hold GE Sensing harmless from any liability arising because of the subscriber's use of the Internet.

Limited Warranty

GE Sensing warrants only that it shall, subject to the terms and conditions of this Agreement, provide Subscriber access to the Internet.

GE SENSING MAKES NO OTHER WARRANTIES AND SPECIFICALLY DISCLAIMS ANY IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR AGAINST INFRINGEMENT.

GE SENSING FURTHER DISCLAIMS ANY WARRANTY OR REPRESENTATION AS TO THE INTERNET AND INFORMATION THEREFROM.

Limitation of Liability

GE Sensing shall not be liable to Subscribers for more than the monthly fee for any single month during which any claim arose. GE Sensing shall have no liability for incidental, consequential, or punitive damages.

Compliance with Law

Subscriber agrees to use the Service in compliance with all applicable laws and to upload and/or download files:

- Only with the consent of the copyright or patent owner
- Only if such files do not violate anyone's right to privacy
- Only if such files do not contain any defamatory material.

Law

This Agreement shall be construed under the laws of the State of Massachusetts. Massachusetts courts shall have jurisdiction over this Agreement and all litigation under this agreement shall be in Massachusetts.

Notice

Notices to either party may be given via e-mail using the e-mail ID assigned to the parties by GE Sensing. Notice shall be effective upon first access under that ID number after the notice is posted.

Pricing

Two options are available – See www.gehygrotrac.com for latest rates.

Option 1 - Concept: Based on number of gateways per account per month. Minimum 1 year contract see section entitled "*Termination by Subscriber*" on page vii. New year contract starts when account moves to next gateway quantity break; there are over 13 gateways per account. Please contact GE Sensing for rates.

Option 2 - Concept: Charge is per site per month. Minimum site charge is 1 month. There is no restriction on number of Gateways/site; however, there is a limit of 100 sensors per site. Thereafter a fee per sensor per month is charged. Minimum site charge is 1 month. For multiple site users where some/ all sites use more 100 sensors a rate per site per month will be negotiated. Monthly site charge applies only when HygroTrac systems are switched on.

Fees and Payment Method

Subscriber will select either pricing option 1 or option 2. The base fee will be charged at the beginning of each month. Subscriber authorizes charges for base fees and usage fees to be made to the identified credit card each month for the duration of this agreement. Notice of charges against Subscriber's credit card shall be made as provided in section entitled "Notice" on page ix. Billing of business subscribers may be made by direct invoicing rather than debiting a credit card. GE Sensing may change any fee, rate, or package upon thirty days Notice. Insufficient or invalid credit card details may result in the service being suspended.

Introduction

This GE Protimeter HygroTrac Web Site User's Guide is used in conjunction with the Protimeter HygroTrac Remote Wireless Monitoring System Instruction Manual (INS9000).

Before using the web site, be sure that you have installed the Protimeter HygroTrac system, configured the gateway, and powered up the system until the status light is solid green, as discussed in your *Instruction Manual*.

Creating a New Account

HygroTrac data is stored on a dedicated and secure web server. To access your data from a remote location, complete the following steps:

IMPORTANT: There is a monthly fee for the HygroTrac service account. You cannot log in to your account or site unless your company has previously established a HygroTrac service account with GE Sensing, and received an authorized user ID and password.

1. Using your existing internet connection, go to the following URL:

www.gehygrotrac.com

Creating a New Account (cont.)

2. When you see the "GE Sensing Remote Sensor Network" screen on the GE HygroTrac home page (see Figure 1 below), click on [Log-in].

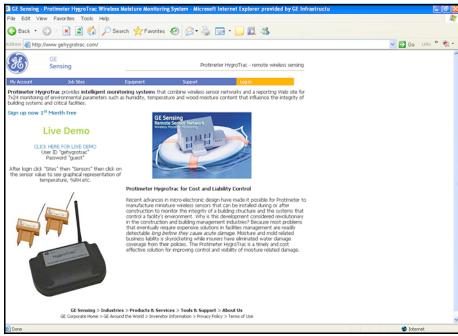


Figure 1: GE Sensing Remote Sensor Network Screen

- **3.** If you have not yet established a user account with GE Sensing for your HygroTrac, you must do so before you can access the web site. At the Log-in screen, click on [Create a New Account] to open the New customer registration screen (see *Figure 2* on the next page).
- **4.** Enter *your information* in the required fields, review the *Terms and Conditions*, click on the box to *agree* to the Terms and Conditions, and then click the [Submit] button.

Creating a New Account (cont.)

	GE Sensing							
My Account	Job Sites	Equipment	Support	Log-out				
New customer registration								
New customers please fil cut the information below. Fields marked with " are required. Mnimum password length is six characters.								
Customer inform	ation							
*Company Name:		*Phone:						
*Contact Name:		Mobile phone:						
*Maling Address:		*Temperature:	⊙F ○¢					
		*Email address:						
		Default alarms (low ba	tery, inactive gateway/sensors)					
*City:		separate each by a co	ress. For multiple addresses mma. For mobile messages please					
	Please Select One V	4	rvice provider for email address.					
*20:	Enter 0 é no 21	3						
	Please Select One	P)Posta Coop						
	Please Select One V							
, ,	[GMT] Greenwich Mean Time	Dakin Edakarık Liska	Landa [17]					
Ting 20ng:	(am) Jureenwich Mean Time	: Diblin, Edriburgh, Lisbor	Lencon V					
Account informat	lion							
*Login name:								
*Password:								
*Confirm								
password:								
	1							
Payment information *Pricing plan: ◆Option 1 ○Option 2								
Review pricing plans								
*Full Name:		as printed on card)						
	My billing address is the same as my mailing address							
*Biling Address:	is the same as my maining	address						
bing Augess.								
*Gty:								
	Please Select One 💌							
*Zp:								
*Account number:		*Exp. date: (mm/yyyy 01 v 2007 v	')					
*Card Type:	American Express							
Terms and Conditions:								
Click here to review the Terms and Conditions Click here to agree to the Terms and Conditions listed above								
√criSign Submit								
GE Sensing > Industries > Products & Services > Tools & Support > About Us GE Corporate Home > GE Around the World > Inventor Information > Privacy Policy > Terms of Use								
		Copyright General Electric C		since of Wes				

Figure 2: New Customer Registration Screen

Accessing the Web Data Service

1. Open http://www.gehygrotrac.com in your web browser. In the upper right corner of the screen, click on [Log-in] to open the User Log-In screen (see *Figure 3* below).

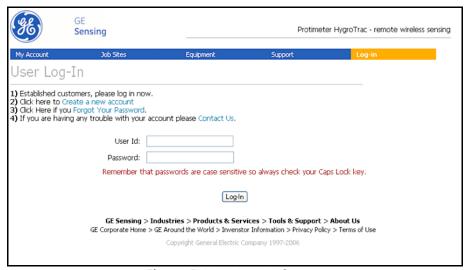


Figure 3: User Log-In Screen

2. Enter the user ID and password provided by GE, and click [Log-In].

Note: If you have any difficulty logging in, click on [Contact Us] to contact GE Sensing. If you forgot your password, click on [Forgot Your Password]. Enter your e-mail address and click [Submit]. GE Sensing will e-mail your password to you.

Accessing the Web Data Service (cont.)

- **3.** Because you just created your account, you will have no existing sites on file. At the initial Job Sites screen (see *Figure 4* below), you can assign a job site to your account in two possible ways:
 - Add an existing site that your company has already created, as described in the next section below.
 - Create a *new site* for the gateway from the HygroTrac hardware you recently installed, as described on the next page.



Figure 4: Initial Job Site Screen

Adding an Existing Site

If you want to add an existing job site that your company has already established, follow these instructions:

Note: See the section "Adding, Updating, or Deleting Users" on page 30 for further details.

- **1.** Click [My Account] on the blue menu bar.
- 2. Click [Company User Maintenance].
- **3.** Scroll down until you find your User ID and click the corresponding link for [Sites].
- **4.** Place a check mark in the box on the left side of the Site Name you want to access. Confirm by clicking [Update User Profile] at the bottom of the screen.

Creating a New Site and Adding a Gateway

If you want to create a new job site and add a new gateway, follow these instructions:

1. From the blue menu bar, pull-down the Job Sites menu and click [Add a New Site], to open the screen shown in *Figure 5* below.

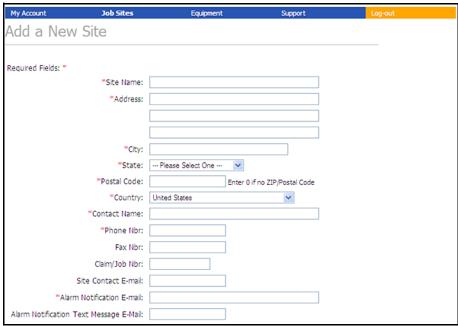


Figure 5: Add a New Site Screen

Creating a New Site and Adding a Gateway (cont.)

- **2.** Fill in all the *Required Fields* (denoted with an *) on this screen and click [Save] to create a new job site. The final two fields are as follows:
 - Alarm Notification E-mail: An alarm is generated if any sensor becomes inactive or if readings exceed user-defined thresholds. To receive e-mail notification of such alarms, enter your e-mail address in this field. Multiple e-mail addresses should be separated by semicolons.
 - Alarm Notification Text Message E-mail: You can create a mobile device e-mail address by following the guidelines below. Multiple addresses should be separated by semicolons. Please note that this service is available only in the USA and Canada.
 - AT&T (new) 1231234567@txt.att.net
 - AT&T (legacy) 1231234567@mmode.com
 - Cingular 1231234567@txt.att.net, or 1231234567@cingularme.com, or 1231234567@mobile.mycingular.com
 - Nextel 1231234567@messaging.nextel.com
 - Rogers 1231234567@pcs.rogers.com
 - Sprint 1231234567@messaging.sprintpcs.com
 - T-Mobile 1231234567@tmomail.net
 - Verizon 1231234567@vtext.com
 - Virgin Mobile (USA) 1231234567@vmobl.com
 - Please contact your mobile phone carrier if it is not listed above.

Creating a New Site and Adding a Gateway (cont.)

3. To associate a new gateway with the new site, add the new gateway by selecting the text [click here], as shown in *Figure 6* below.



Figure 6: Add A New Gateway Screen

4. Enter the eight-digit alphanumeric Gateway ID found on the bottom of the gateway and describe the location of the gateway, as shown in *Figure 7* below. Click [Save].



Figure 7: Enter Gateway ID Screen

Creating a New Site and Adding a Gateway (cont.)

The gateway should now appear in the Gateways screen, as shown in *Figure 8* below.



Figure 8: Populated Gateway Screen

5. If this site has multiple gateways, add the additional gateways by repeating steps 3 and 4 as necessary.

Viewing the Job Sites Screen

The Job Sites screen is the main screen that allows you to monitor, graph and download sensor data.

- 1. You can access the Job Sites screen in either of two ways:
 - From the *blue menu bar*, select the pull-down menu for Job Sites and select View Existing Sites to open the screen shown in *Figure 9* below.
 - From any screen on the *HygroTrac web site*, click on the logo in the upper left corner to open the Job Sites screen shown in *Figure 9* below. *Note that the logo may say* "GE Sensing" *or it may be customized for your company.*



Figure 9: Job Sites Screen

- 2. You can now navigate through the Job Sites screen.
 - Single-clicking on the orange column headers will sort the data in that column in ascending order, while double-clicking will sort the column in descending order.
 - The Claim/Job column shows the *Claim Number* or *Job Number* if one was entered in the Add a New Site screen.

Viewing the Job Sites Screen (cont.)

- Clicking on a Site Name shows the details for that site.
- The Alarm column shows "A" if an alarm has been issued for a sensor under that gateway. For details on setting alarms go to page 24.
- The Created and Last Activity columns show the date and time the site was created and the most recent transmission.
- The Stotus column shows "A" for active gateways if at least one sensor is active, "I" for inactive gateways and is "blank" if no data has been taken.
- **3.** Click on the [+] sign to the left of any site to expand the choices, as shown in *Figure 10* below. The expanded menu allows access to temperature, humidity, and moisture data in multiple formats.



Figure 10: Expanded Job Sites Screen

Looking Up Job Sites Quickly

The Lookup Job Site menu is a quick way to find a known job site. View the menu by following these instructions:

1. From the blue menu bar, select the pull-down menu for Job Sites and select Lookup Job Site to open the screen shown in *Figure 11* below.



Figure 11: Claim/Job Number Search Screen

2. Enter the Claim/Job Number in the field and click [Search]. The search results will appear as shown in *Figure 12* below.



Figure 12: Job Site Search Results

3. Select Sensors or Report to continue.

Viewing and Graphing Sensor Measurements

The Sensors screen enables you to view current measurements for a specific site, such as temperature, relative humidity and other parameters.

- 1. You can access the Sensors screen in two ways:
 - From the Job Sites screen, click on the [+] sign for the desired site and select the Sensors option (as shown in *Figure 10* on page 11). This method shows the sensors for that job site.
 - Pull down the Equipment menu at the top of the screen and click on [Sensors]. This method shows every sensor at every job site.
- **2.** The Sensors screen (see *Figure 13* below) lists the IDs, status and most recent activity of the sensors linked to that site.

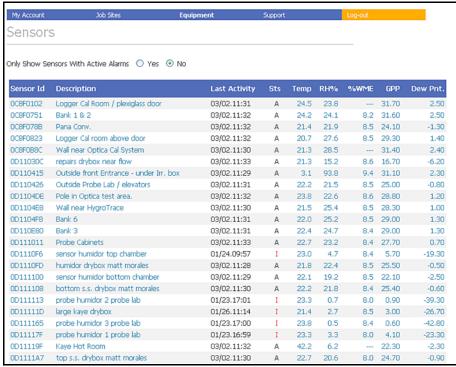


Figure 13: The Sensors Screen

Viewing and Graphing Sensor Measurements (cont.)

- **3.** By default, the sensor screen shows all sensors for a particular site. To Only Show Sensors with Active Alarms, select [Yes] in the upper left corner.
- **4.** You can sort the list by clicking on any column heading. Single-clicking will sort the list in ascending oreder, while double-clicking will sort the list in descending order.
- **5.** To view the details for a sensor, click on its [Sensor ID] at the left. *Note that you can view the sensor information, but you cannot make any changes.*
- **6.** You can update information about a sensor from the Sensors screen. Click on the [Description] for a particular sensor to open window similar to *Figure 14* below. Then, you can update a sensor in one of the three ways listed on the next page.

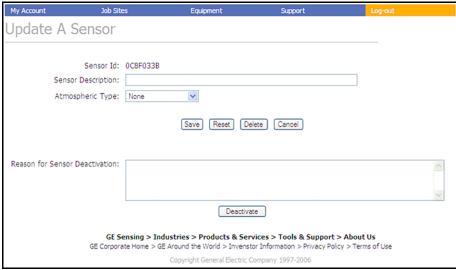


Figure 14: Update A Sensor Screen

Viewing and Graphing Sensor Measurements (cont.)

- Change the Sensors Description (for example, when a sensor is moved)
- Change the Atmosphere Type surrounding the sensor. You must define
 this field if you want the measurements to be displayed in the RDC (see
 page 18).
- Deactivate the sensor, as discussed in "Deactivating and Reactivating Sensors" in the next section below.
- 7. Click [Save] to confirm the new sensor information. [Reset] to clear the fields, [Delete] to delete the sensor description and atmospheric type, or [Cancel] to return to the previous screen.

Deactivating and Reactivating Sensors

When you deactivate a sensor, it no longer transmits data to the HygroTrac. The sensor will remain on the Sensors screen for the job site, but the Status column will show a "**D**".

To deactivate a sensor:

From the Sensors screen, click on the [Description] for a sensor to open a screen similar to *Figure 14* on the previous page. Type a reason for the sensor deactivation in the large field and click [Deactivate].

To reactivate a sensor:

From the Sensors screen, click on the [Description] for a deactivated sensor to open a screen similar to *Figure 14* on the previous page. Then click [Activate] to reactivate the sensor.

Understanding Inactive Sensors

If a sensor has not successfully transmitted for 24 hours, it enters inactive status. The HygroTrac web site will send an e-mail and text message stating that the sensor has become inactive. In addition, the sensor will show up with a status of "I" on the Sensors screen.

Plotting Sensor Measurements

To plot the most recent sensor measurements for a given parameter, click on the actual *measurement value* in the Sensors screen to open a new window opens similar to *Figure 15* below. The most recent activity is displayed in graphical form. If you need to view sensor activity from a different time period, click on one of the time periods (Last Day, Last Week, Last Month, Last 3 or 6 Months, Last Year, or All Readings) to refresh the screen with data from the new time period.

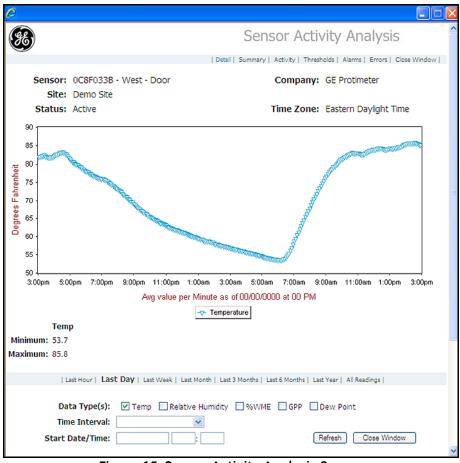


Figure 15: Sensor Activity Analysis Screen

Updating the User List for a Site

You can review and update the list of users for a particular job site via the Users option.

- 1. From the Job Sites screen, click on the [+] sign for the desired site, and then on the [Users] option. The Update Users for the Site screen opens and displays a list of users at your company.
- 2. To revise this list, check the boxes to the right of each user you wish to keep on the list and uncheck the boxes to the right of each user you wish to remove from the list. Then, click [Update Site] at the bottom of the screen to return to the Job Sites screen.

Note: To update users list, you must have an appropriate security level assigned to your account. Otherwise, you will not be able to access these functions.

3. You can manage access to your web site by adding additional users with different security levels. To add a new user, refer to "Adding, Updating, or Deleting Users" on page 30.

Generating a Record of Drying Conditions (RDC)

If you need to access a record of drying conditions (RDC) for a particular site from a specific day and time to the present, you can obtain this information in text format. To generate the report, complete the following steps:

1. On the Job Sites screen (see *Figure 10* on page 11), click on the [RDC] option in the menu for the site to open the Generate a Record of Drying Conditions screen, as shown in *Figure 16* below.



Figure 16: Generate RDC Data Screen

2. Enter the Start date (in mm/dd/yyyy format) and the Start time (in 24-hour format) for the record, and then click [Submit].

Generating a Record of Drying Conditions (RDC) (cont.)

3. You will see the "Do you want to open or save this file?" dialog box, as shown in Figure 17 below. Click [Open] to open the file using a spreadsheet program or click [Save] to save the file to your computer.



Figure 17: Open or Save File Screen

Downloading Specific Site Data

Instead of a general record, you might need measurements from a site, sensor, data acquisition gateway or network for a specific time period. To download such data, follow these instructions:

1. On the Job Sites screen (see *Figure 10* on page 11), click on the [+] sign for the desired site, and then on the [Downloads] option to the right of the site to open the Request a Download screen (see *Figure 18* below).

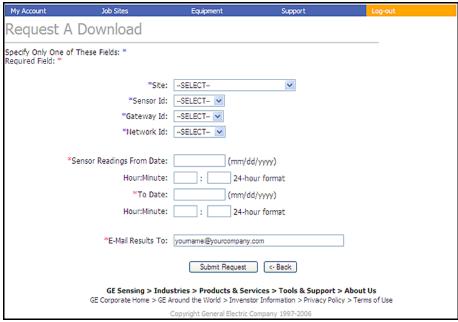


Figure 18: Request A Download Screen

Downloading Specific Site Data (cont.)

- **2.** From the pull-down menus, click on the Site, Sensor ID, Gateway ID or Network ID. *Note that you can select only one of these parameters*.
- **3.** Enter the date (in mm/dd/yyyy format) and time (in 24-hour format) for the start of the report.
- **4.** Enter the date (in mm/dd/yyyy format) and time (in 24-hour format) for the end of the report.
- **5.** Enter the e-mail address for the user who should receive the report.
- **6.** When you have finished entering the data, click [Submit Request] to open the Pending Downloads screen (see *Figure 19* below).



Figure 19: Pending Downloads Screen

7. Wait a few minutes, then check your e-mail. The download file is attached to the e-mail.

Generating a Site Report

The Report screen enables you to view, in graphical format, selected measurements for a given site over a specific period of time. To generate such a report, complete the following steps:

1. On the Job Sites screen (see *Figure 10* on page 11), click on the [+] sign for the desired site and then on the [Report] option to open the Create Site Report screen (see *Figure 20* below).

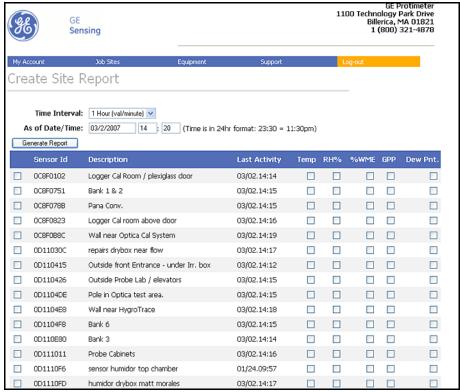


Figure 20: Create Site Report Screen

Generating a Site Report (cont.)

- 2. First specify the Time Interval (from one hour up to one year, or all readings) and the Starting Time (in mm/dd/yyyy and 24-hour format) for the report.
- **3.** Click on the box to the left of the specific sensor for which you require data. *Note that this function creates reports for one sensor at a time.*
- **4.** Then click on the boxes to the right for each measurement (temperature, humidity, WME, GPP or dew point) you want included in the report.
- **5.** Click the button [Generate Report] to create the report and open the Sensor Activity Analysis screen (see *Figure 21* below).

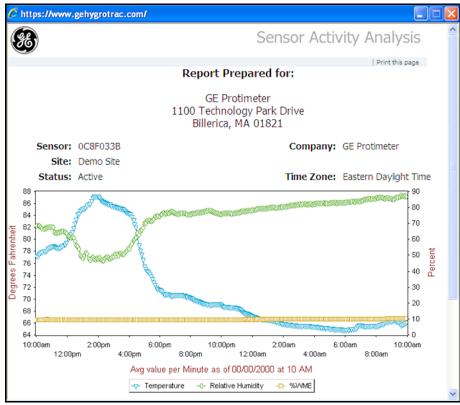


Figure 21: Sensor Activity Analysis Screen

Viewing and Setting Alarm Thresholds

If you want to receive an e-mail or text-message alarm when a particular measurement goes above or below certain parameters, you must enter those parameters as thresholds in your HygroTrac settings.

How Thresholds Function

Figure 22 below illustrates how the threshold settings function. See the detailed descriptions on the next page for more information.

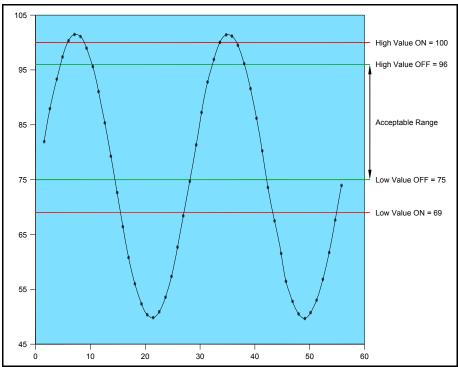


Figure 22: Measurement Range with Thresholds

How Thresholds Function (cont.)

- In the example shown in *Figure 22* on the previous page, you will receive an e-mail alarm for the *high value* when the temperature rises to 100°F. When the temperature drops below 95°F, you will receive another e-mail indicating that the HygroTrac has returned to the acceptable range.
- In the example shown in *Figure 22* on the previous page, you will receive an e-mail alarm for the *low value* when the temperature drops to 69°F. When the temperature rises above 75°F, you will receive another e-mail to indicate that the HygroTrac has returned to the acceptable range.

Note: To receive e-mail and text message alarms, you must enter your e-mail address or cell e-mail address on the Job Sites information screen. See "Updating Site Data" on page 27 for more information.

Setting Up Thresholds

To enter or change a threshold:

1. On the Job Sites screen (see *Figure 10* on page 11), click on the [+] sign for the desired site, and then on the [Thresholds] option in the menu for the site to open the Thresholds screen (see *Figure 23* below).



Figure 23: Thresholds Screen

Setting Up Thresholds (cont.)

2. If thresholds exist for this sensor, click the [Sensor ID] to see the threshold information or click [Edit] to update the thresholds. If you wish to add a new threshold, click on [Add a New Threshold] to open the Add a New Threshold screen (see *Figure 24* below).



Figure 24: Add a New Threshold Screen

- **3.** From the Sensor ID pull-down menu, either select a sensor to which you will add a threshold or select "*All Sensors*".
- **4.** Then select the parameter to which the threshold will apply: Temperature, Relative Humidity, Wood Moisture Equivalent (WME), GPP (grains per pound), or Dew Point.

Setting Up Thresholds (cont.)

5. In the appropriate text boxes, enter the values that mark the boundaries of the acceptable range (Low and High Value OFF) and the values that will prompt an e-mail alarm (Low and High Value ON.)

Note: The input for High Value On must be greater than the input for High Value Off. The input for Low Value On must be less than the input for Low Value Off.

6. When you have completed entering values, click [Save]. At the Threshold screen, you may add more thresholds if desired.

Updating Site Data

If you need to update information for a specific job site, you can enter the new data via the Edit option by completing these steps:

- **1.** On the Job Sites screen (see *Figure 10* on page 11), click on the [+] sign for the desired site, and then on the [Edit] option in the menu for the specific site to open the Update a Site window opens (see *Figure 25* on the next page).
- **2.** Enter the revised information in the appropriate text boxes or drop-down menus.

Updating Site Data (cont.)

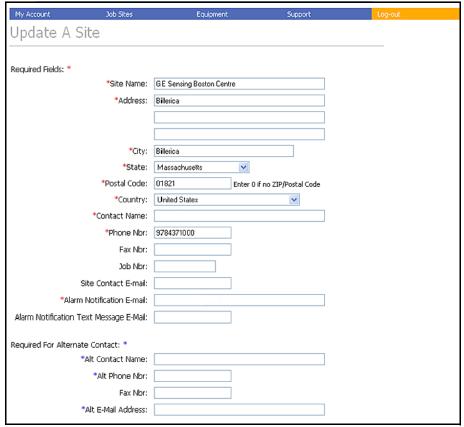


Figure 25: Update a Site Screen

- **3.** When you have completed entering data, you have four options:
 - Click [Save] to save your data and return to the Job Sites window.
 - Click [Reset] to clear the new data that was entered.
 - Click [Delete] to delete the entire job site from the web site.

Note: The program will not delete a site if it detects an active gateway.

• Click [Cancel] to close the window without saving the new data.

Accessing "My Account"

The My Account section of the HygroTrac web site allows you to perform account maintenance activities. Click [My Account] from the blue menu bar. My Account is a link (rather than a pull-down menu) to the main My Account page, as shown in *Figure 26* below.



Figure 26: My Account Screen

- From the My Account screen, click [Job Sites] to open the Job Sites page.
 This page is also accessible by selecting Job Sites from the blue menu bar and then selecting View Existing Sites.
- From the My Account screen, click [Request A Download] to open the Request a Download page. This page is also accessible from the Downloads link on the expanded Job Sites page. See "Downloading Specific Site Data" on page 20 for more information.
- From the My Account screen, click [View Pending Downloads] to view any files already selected for downloading. For further information on downloading, review the "Downloading Specific Site Data" section on page 20.

Adding, Updating, or Deleting Users

If you have access privileges at the level of *Administrator* or *Manager*, you can add, update and delete user accounts under the Company User Maintenance link.

1. From the My Account screen (see *Figure 26* on the previous page), click [Company User Maintenance] to see a list of all users in your company (see *Figure 27* below).



Figure 27: Users Screen

Adding, Updating, or Deleting Users (cont.)

2. To create a new user account, click [Add A New Use] near the top left of the page. Enter all required information into the fields shown in *Figure 28* below and click [Save] to save the data, [Reset] to clear all the fields, or [Cancel] to return to the previous screen. The functions listed in *Table 1* on the next page are allowed based on the assigned security level.

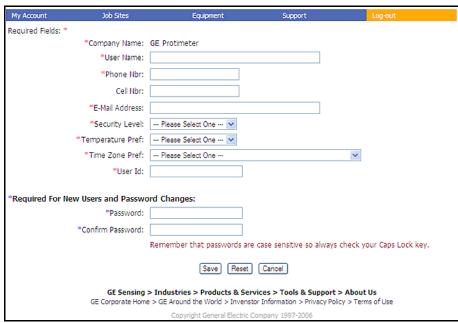


Figure 28: User Information Screen

Adding, Updating, or Deleting Users (cont.)

Table 1: Allowable Functions for Each Security Level

Function	Basic	Manager	Administrator
Add Gateway		Yes	Yes
Add New Site		Yes	Yes
Add Sites		Yes	Yes
Add Users		Yes	Yes
Delete Gateways From Sites		Yes	Yes
Delete Site			Yes
Delete/Deactivate Sensors			Yes
Edit Gateway Name			Yes
Edit Own User E-mail Address	Yes	Yes	Yes
Edit Own User Password	Yes	Yes	Yes
Edit Sensor Description		Yes	Yes
Edit Sensor Information		Yes	Yes
Edit Site		Yes	Yes
Manage Users		Yes	Yes
Print Reports	Yes	Yes	Yes
Request A Download		Yes	Yes
View All Gateways For Company		Yes	Yes
View All Sensors		Yes	Yes
View Pending Downloads		Yes	Yes
View User Profile		Yes	Yes

Adding, Updating, or Deleting Users (cont.)

- **3.** To update or delete an existing user account, click on its [User ID]. Then, click [Delete] to delete the use or edit any desired fields and click [Sove] to update the user.
- **4.** To control a user's access to different job sites, click on [Sites] for the appropriate user. Then, check or uncheck the box to the left of each job site to allow or prevent access to the job sites (see *Figure 29* below).



Figure 29: Update Sites for User Screen

Maintaining Company Information

1. From the My Account screen (see *Figure 26* on page 29), click [Company Maintenance] to see the company details (see *Figure 30* below).

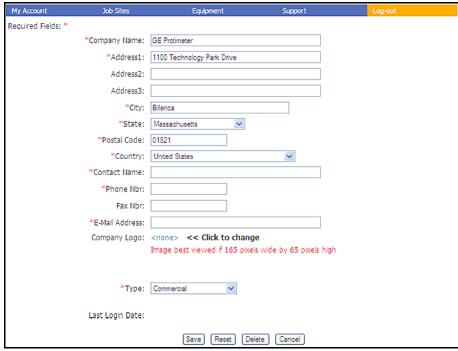


Figure 30: Company Maintenance Screen

2. Edit the company address and contact information as necessary.

Maintaining Company Information (cont.)

3. The HygroTrac web software allows you to display your company logo in the upper left corner of your HygroTrac web site. To change or add a logo, click on the existing logo or on <none> if there is no existing logo. Then, browse to the correct path for your logo file and click [Save] (see *Figure 31* below).



Figure 31: Browse for the New Logo File

- **4.** After you have finished editing the fields:
 - Click [Save] to save the revised data.
 - Click [Reset] to erase any changes and leave the window open.
 - Click [Delete] to remove the company. *Note that you cannot delete the company if any job sites exist.*
 - Click [Cancel] to cancel any changes and return to the My Account screen.

Viewing/Changing Your Profile, Password, or E-mail

From the My Account screen, you may perform the following functions:

- Click [View My User Profile] to review your personal profile. *Note that you cannot make any changes to this information*. Click [Back to My Account] to return to the previous screen.
- Click [Change My Password] to update your web site password. After
 entering your new password, type it again to confirm and click [Change] to
 accept the new password, [Reset] to erase the fields or [Cancel] to return to
 the previous screen.
- Click [Change My E-mail Address] to update your e-mail address. Click [Change] to accept the new address, [Reset] to erase the fields, or [Cancel] to return to the previous screen.

Exiting the HygroTrac Web Site

There are two methods for exiting the HygroTrac web site:

- From the My Accounts screen, click [Log Out].
- From the menu bar, click the orange [Log-out].

The screen shown in *Figure 32* below indicates that you have successfully logged out of the HygroTrac web site.



Figure 32: User Log-Out Screen

Accessing the Equipment Pull-Down Menu

From the Equipment pull-down menu, you can review data on all accessible gateways and sensors.

Viewing All Gateways

1. From the blue menu bar, select Equipment and then Gateways. The Gateways screen, (see the example in *Figure 33* below) provides a full list of all the gateways you can access.



Figure 33: Gateways Screen

- **2.** Click on any [Gateway ID] to see details about that gateway. *Note that you cannot change any gateway information in this screen.*
 - The Status column shows "A" for active gateways with at least one active sensor, "I" for inactive gateways, and is "blank" if no data has been received
 - The Last Activity column shows when the most recent sensor readings were received.
 - Select [Edit] to change the gateway description.

Viewing All Sensors

1. From the blue menu bar, select Equipment and then Sensors. This screen, as shown in *Figure 34* below, provides a complete list of every sensor you can view, regardless of alarm status.



Figure 34: All Sensors Screen

Viewing All Sensors (cont.)

2. To view only sensors with threshold alarms (see *Figure 35* below), check Yes for the Only Show Sensors With Active Alarms option.

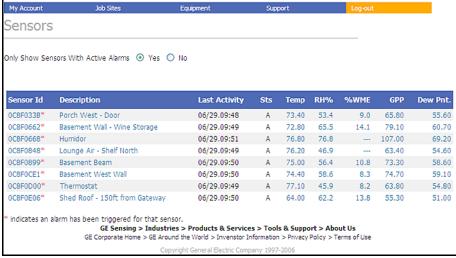


Figure 35: Only Sensors With Alarms Screen

3. If you select Equipment from the top menu bar, pause the mouse cursor over Sensors and then click on [Alarms]. You will see a list of only those sensors with current alarms.

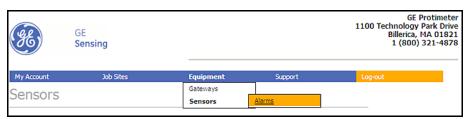


Figure 36: Selecting Only Sensors With Alarms

4. Navigate this Sensors screen as described in "Viewing and Graphing Sensor Measurements" on page 13.

Finding Support and Help

The most recent version of the *Instruction Manual* for the HygroTrac hardware (gateways and sensors) is available on **www.gehygrotrac.com** from the blue menu bar. Pull down Support and select User Manual. Use the *Instruction Manual* to supplement this *Web Site User's Guide*.

The most recent version of this *Web Site User's Guide* is available on **www.gehygrotrac.com** from the blue menu bar. Pull down Support and select Web Site Manual

You may contact GE Sensing by pulling-down Support on the blue menu bar and selecting Contact Support. You may call the telephone number listed or fill in the fields and click either [Submit] to submit your message or [Reset] to delete all fields.

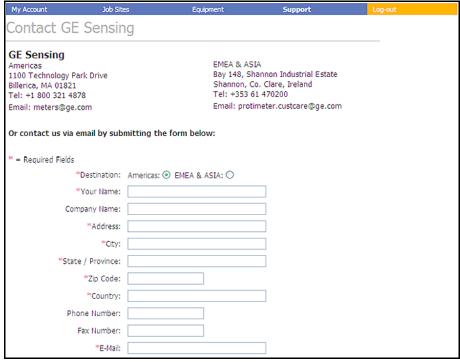


Figure 37: Contact GE Sensing Screen



USA

1100 Technology Park Drive Billerica, MA 01821-4111 Web: www.gesensing.com/protimeterproducts

Ireland

Sensing House Shannon Free Zone East, Shannon, County Clare Web: www.gesensing.com/protimeterproducts

