



# cable pressure AirMAIL

## System Studies Incorporated

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No.	Name	SOI	Remarks	# of Devices	# of Alarms	# of Disabled Devices	# of TDs Not Reading	Last Connection
1		85		4	1	0	0	7 hrs, 17 mins ago
2		82		32	7	1	0	7 hrs, 21 mins ago
3		88		38	1	0	0	7 hrs, 21 mins ago
4		29	279 89 NORTHWAY 8314 26400 8311 TITENWA BOWCAST, CL CHERTERY 82424204	26	1	0	1	23 mins ago
5		14		114	31	1	0	14 mins ago
6		21		325	31	3	20	15 mins ago
9		83		282	10	0	88	12 mins ago

### PressureWEB 1.3

We're happy to see that many PressureMAP users have taken a liking to the new PressureWEB application. We think you'll find the many new features that have been added to PressureWEB 1.3 even more practical and useful. This improved version will be available with the release of PressureMAP Version 26.01 available this January.

Among the new features are the following:

- Restructured **All Offices** and **My Offices** displays, which now include five additional columns of color-coded data (# of Devices, # of Alarms, # of Disabled Devices, # of TDs Not Reading and Last Connection).
- Additional Device Status Views, including Device Status by Disabled Devices and Device Status by Devices not Reading.
- Ability to select the default Default Status View during setup.
- Ability to generate new device readings for an entire office
- Ability to place locator tone on a selected device pair, plus the ability to choose among four tone frequencies.

If you'd like to see a live version demo of PressureWEB Version 1.3, please give us a call at (800) 247-8255.

### PressureMAP Text Message Alarms

Here's a handy tip that makes PressureMAP alarm notification a whole lot easier and more convenient. Did you know that PressureMAP can email a text message to your cell phone? It uses SMS (Short Message Service) to deliver important alarms to you, whether you're on the go or at your desk.

Basically, all you need to do is find out what SMS your cell phone provider offers and set up an Alarm Center designation for your cell phone in AlarmMAP. When an alarm occurs it comes across as a text message on your phone—not email.

When setting up your Alarm Center, you need to preface the number you enter in the Phone Number data field in AlarmMAP with the word MAIL. Then enter your text message email address—in this case, your 10-digit cell phone number and service provider. The following examples show the type of information needed in this data field for some of the more common SMS providers:

- MAILphonenumbe@vtext.com (Verizon)**
- MAILphonenumbe@txt.att.net (AT&T)**
- MAILphonenumbe@qwestmp.com (Qwest)**
- MAILphonenumbe@tmomail.net (T-Mobile)**

If you have any questions about this text message alarming capability, please give us a call. We think it's a great way for you to receive your important PressureMAP alarm notification.

### System Studies to the Rescue

Got half a dozen high cap circuits that you're trying to turn up in a 2400 or 2700 pair pulp cable, but there's trouble throughout the F1?

We've got a way to help you. When cable temperatures get to about 100 degrees Fahrenheit, moisture develops. This can happen even if you've got 7 or 8 PSI in the cable. Essentially what happens is that the cable "sweats," and the moisture passes through the sheath to the inside of the cable. When this warm moisture cools down (for example, if the underground cable goes aerial or if it crosses under a water main or creek), the moisture can condense. When it does, you end up with isolated locations where it's "raining" inside the cable. These conditions don't develop overnight—they may happen over a period of months.

### Tracking High Resistance Trouble

Fortunately, there's a way to monitor developing moisture pockets in the F1 and prevent high resistance, service-affecting trouble from occurring. It requires one or more dedicated monitoring pairs, a 289H LSS Monitor and PressureMAP. With this equipment it is possible to read the resistance across a pair from tip to ring, tip to ground, or ring to ground. Resistance can be measured from 15 megohms to 100 megohms, with the system generating an alarm at 15 megohms.

This high resistance monitoring capability can give advance warning—by as much as two weeks—of a potential cable failure caused by moisture inside the sheath.

If you've got trouble in the F1 and temperatures in your area often reach 100 degrees or more, give us a call. Not only can our monitoring solution detect potential problems before they occur, we've also developed a Positive Airflow System that can prevent high resistance cable trouble year-round.

## Quick Links...

As the name implies, here are some direct links to the more frequently visited pages on our AirTalk website. We hope you get a chance to visit often.

[AirTalk.com](#)

[Hardware](#)

[Software](#)

[Training](#)

Also, if you would like to get in touch with the System Studies Field Engineer in your area, but don't know who to contact, check out our Sales Support page.

## Phone Access...

We realize that the automated routing function of our phone system can sometimes be frustrating. If you'd like to bypass the system, please use the direct access numbers below:

**Sales:**

(831) 477-8942, (831) 477-8941

**Tech Support:**

(831) 477-8945

**Training:**

(831) 477-8935

**Leak Locating:**

(831) 477-8902

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