

Florida Department of Environmental Protection



Office of Air Monitoring

Remote Desk Topping and Wireless Networking

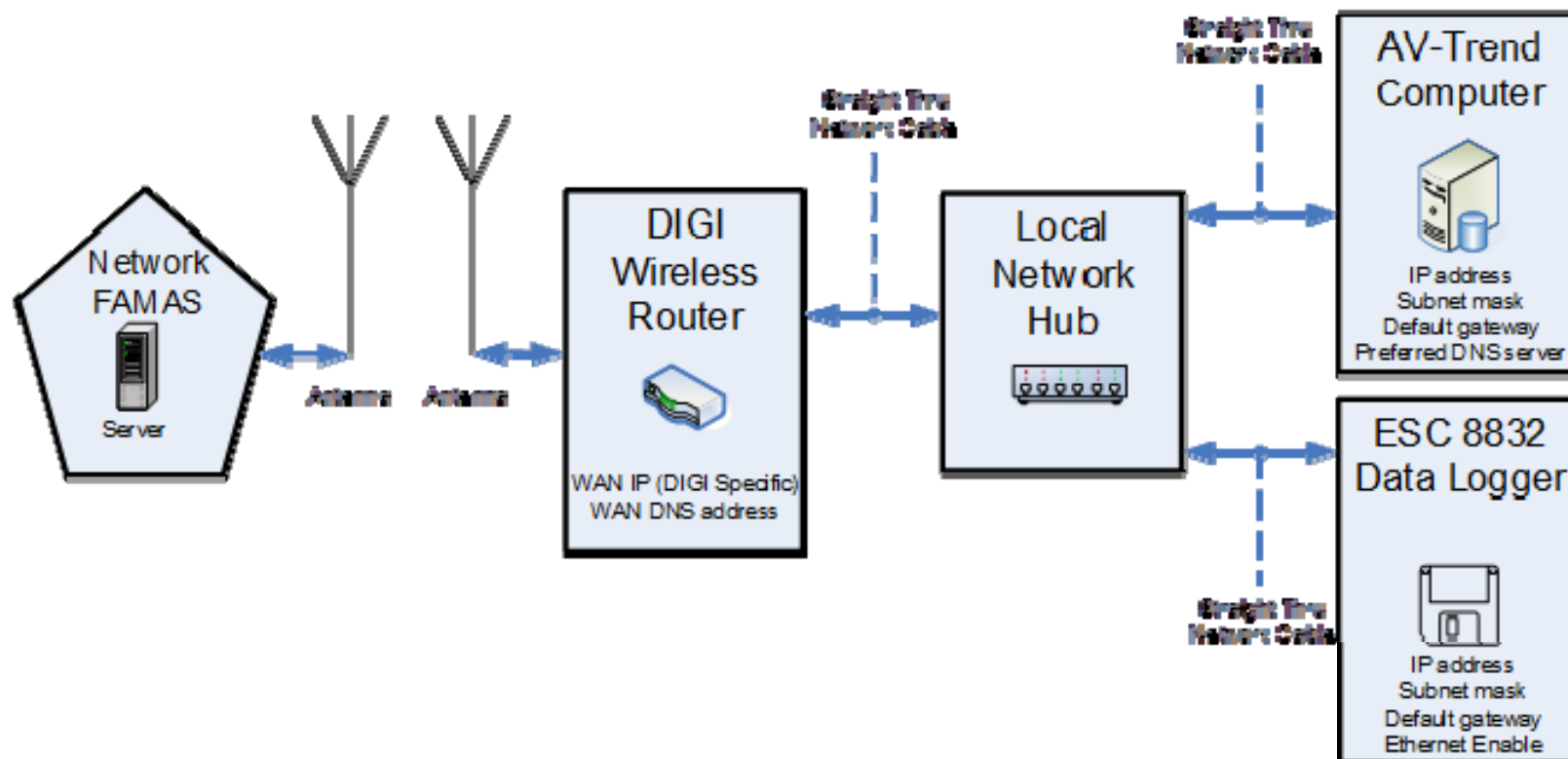
April 13 2015





Remote Desk-Topping & Wireless Networking

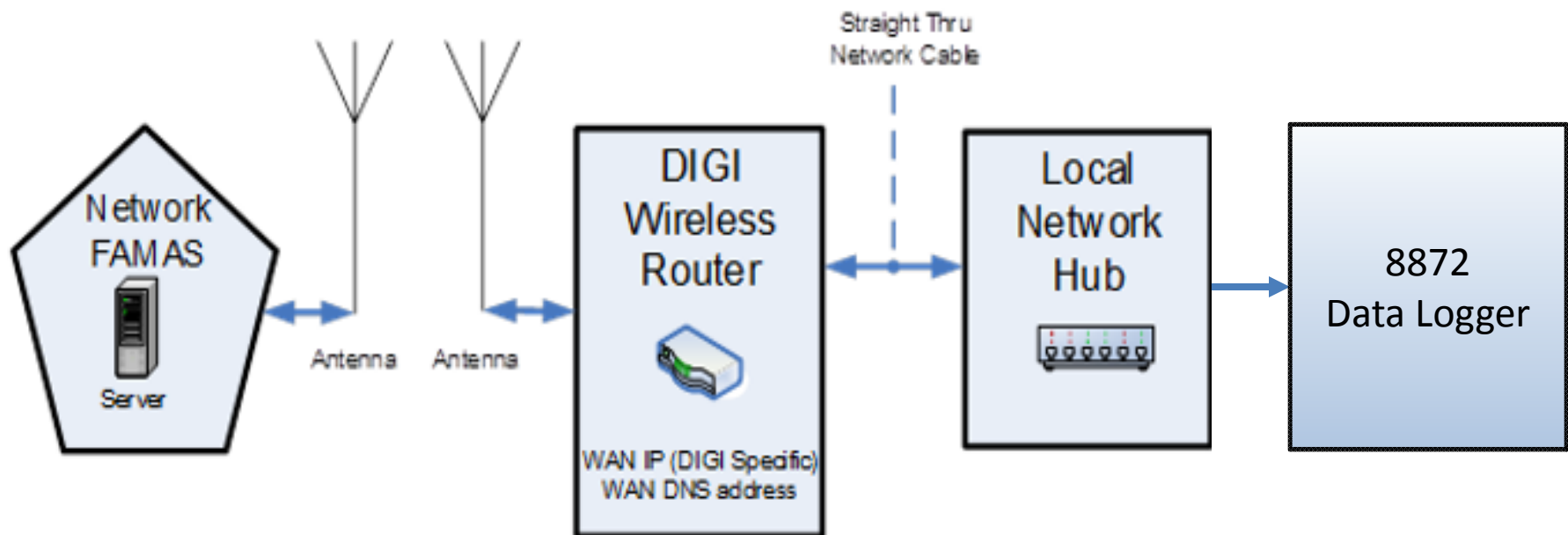
Local Network set-up configuration for the Wireless Platform





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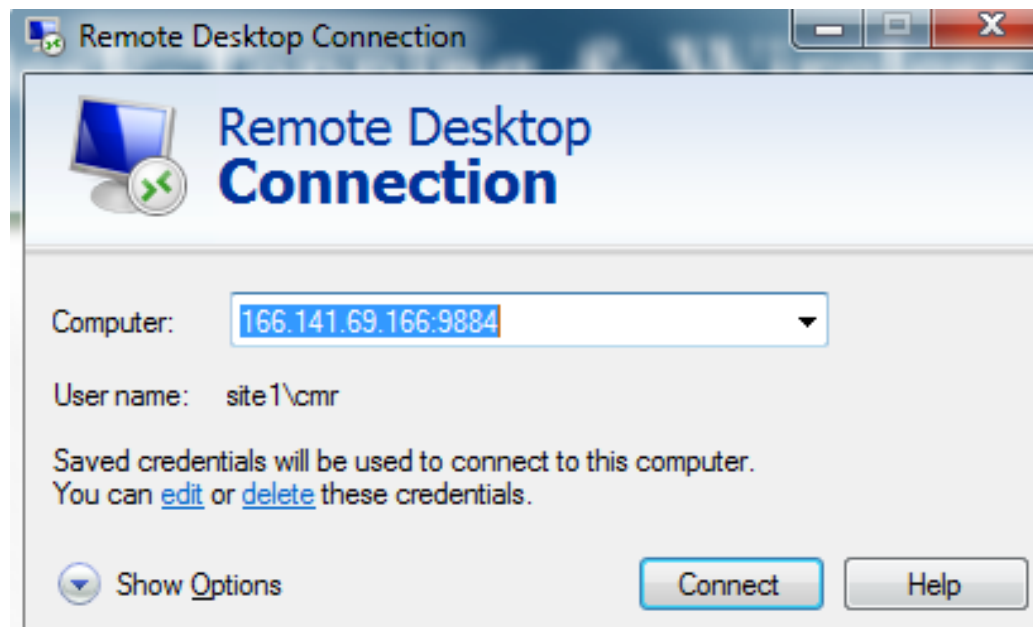
Upgrade to the Local Network Setup starting in 2015





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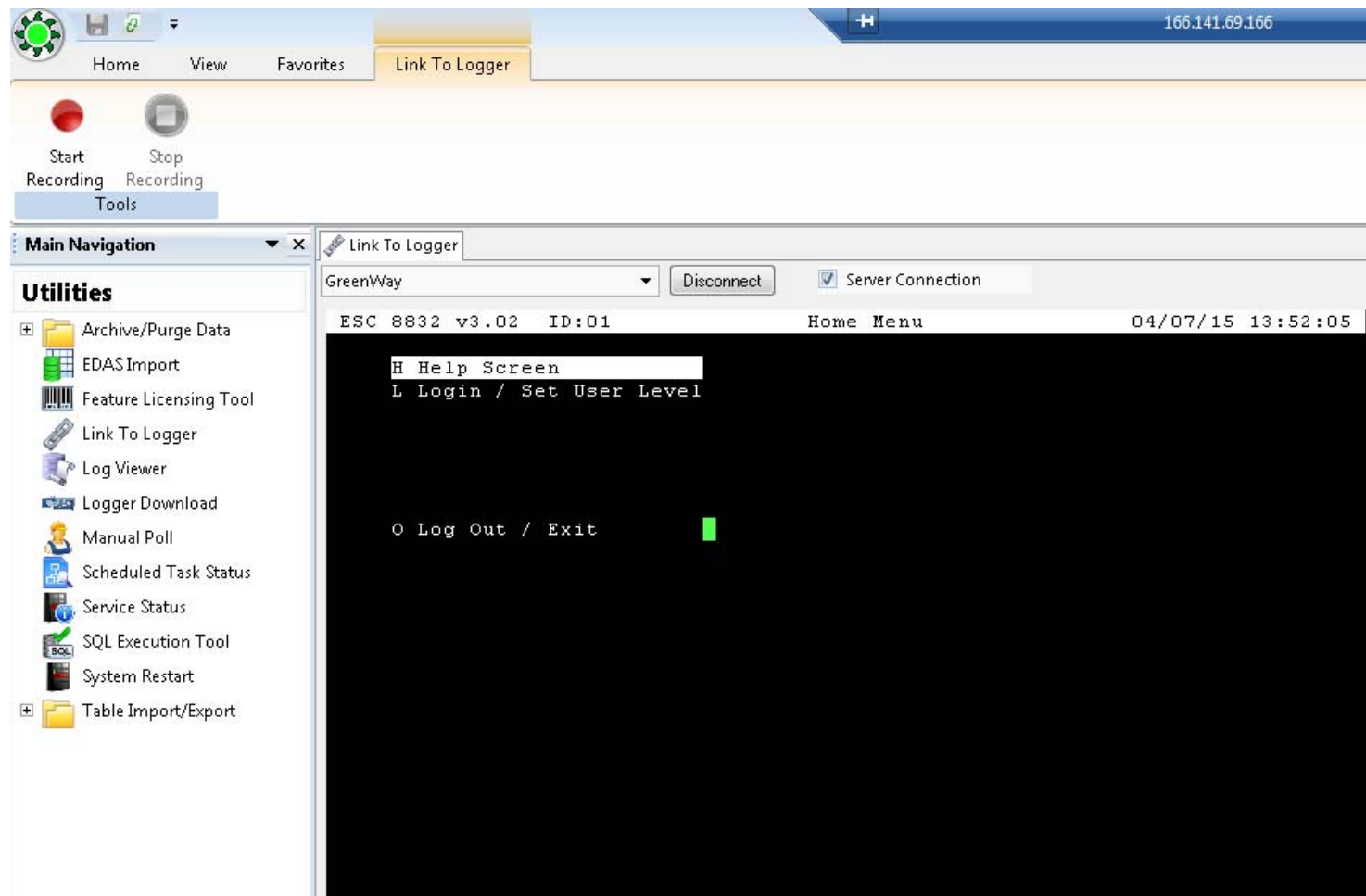
Use the Remote Desktop Connection to communicate with the site computer





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Use the Agilaire utility to log into the Data Logger from any internet connection





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You can view real time data collection and overall site status

The screenshot displays the GreenWay remote desktop application interface. The top bar shows the address 166.141.69.166. The main navigation pane on the left lists various utilities, including 'Link To Logger', which is currently selected. The main window displays real-time data collection and site status for 'GreenWay'. The data is presented in a table format with columns for 'ESC', 'v3.02', 'ID:01', 'Real-Time Engineering Flags', and '04/07/15 13:53:13'. The data includes various parameters such as O3, O3PS, INT, WDA, WSA, WDV, WSV, BP, ATMP, RH, RAIN, O3FLOA, O3FLOB, O3PRES, O3BHTP, O3LPTP, O3LINA, O3LINB, O3PSFLOA, O3PSFLOB, and O3PSPRES. The interface also includes a 'Start Recording' button and a 'Tools' menu.

ESC	v3.02	ID:01	Real-Time Engineering Flags	04/07/15 13:53:13
O3=	47.76	()	WDV=	187 ()
O3PS=	-0.3098	()	WSV=	5.8 ()
			BP=	762.8 ()
			ATMP=	29.3 ()
INT=	24.84	()	RH=	52.1 ()
			RAIN=	0 ()
			O3FLOA=	0.657 ()
			O3FLOB=	0.6639 ()
			O3PRES=	754.2 ()
			O3BHTP=	33.8 ()
			O3LPTP=	53.75 ()
			O3LINA=	7.476E+04 ()
			O3LINB=	7.055E+04 ()
			O3PSFLOA=	0 ()
			O3PSFLOB=	0 ()
WDA=	221	()	O3PSPRES=	762.8 ()
WSA=	5.6	()		

ESC or SPACE to exit, CTRL-N = next page



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- **Remote Applications**

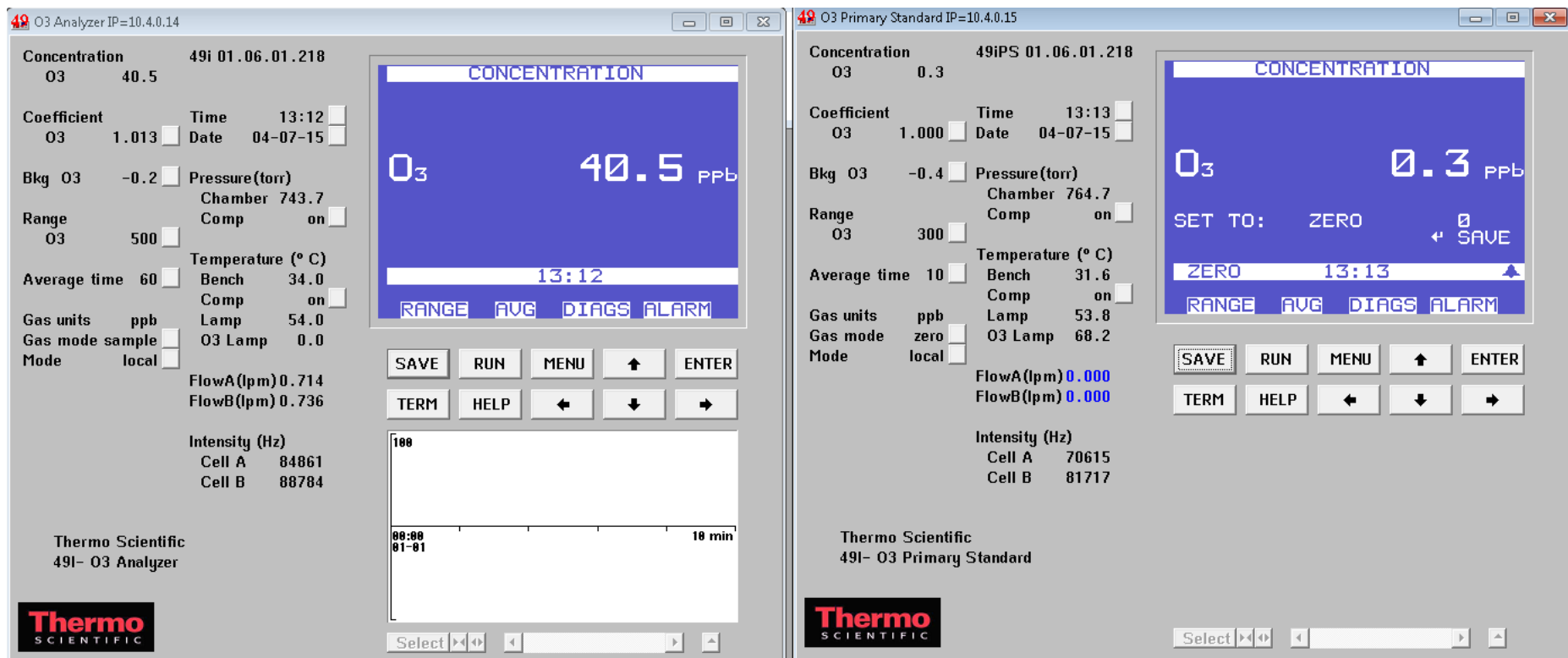


- Thermo iPort and Eport are remote applications that are located on the site computer that allow you to view an instruments status in real time
- You can even control the instruments from your office for remote testing/troubleshooting
- You can even start an event like a Z/S/P before leaving your office



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- Use Thermo iPort application to remotely control the PS or Analyzer





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- Use the ePort application to remotely control the TEOM

A screenshot of the TEOM 1405 ePort application window. The window has a title bar with "x11" and standard window controls. On the left is a vertical sidebar with five buttons: "TEOM Data", "System Status", "Instrument Conditions", "Settings", and "Service". The main area displays the "TEOM Data" section, which includes a table of measurements and a status bar at the bottom.

TEOM Data	
MC ($\mu\text{g}/\text{m}^3$):	5.66
30-Min MC ($\mu\text{g}/\text{m}^3$):	11.76
1-Hr MC ($\mu\text{g}/\text{m}^3$):	12.50
8-Hour value ($\mu\text{g}/\text{m}^3$):	0.00
12-Hr MC ($\mu\text{g}/\text{m}^3$):	0.00
24-Hr MC ($\mu\text{g}/\text{m}^3$):	0.00
Total mass (μg):	3.39

Filter loading:	12.66 %
Frequency:	278.6161 Hz
Noise:	0.012 μg

At the bottom of the window, there is a status bar with a green checkmark icon, the text "Fully operational", "Normal status", a lock icon, and the timestamp "04/07/2015 13:13".



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**You can even connect remotely to the wireless modem itself
to investigate connectivity issues**



Connect WAN 3G Configuration and Management

[? Help](#)

Login

Welcome to the Configuration and Management interface of the Connect WAN 3G.

Please specify the username and password to login to the web interface.

See the User Guide and documentation for more information on logging in or retrieving a lost password.

Username:

Password:

Login



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Any questions before the demonstration?

