

## Remote Dynamic Calibration (RDC)

### INSTRUMENT COVERAGE

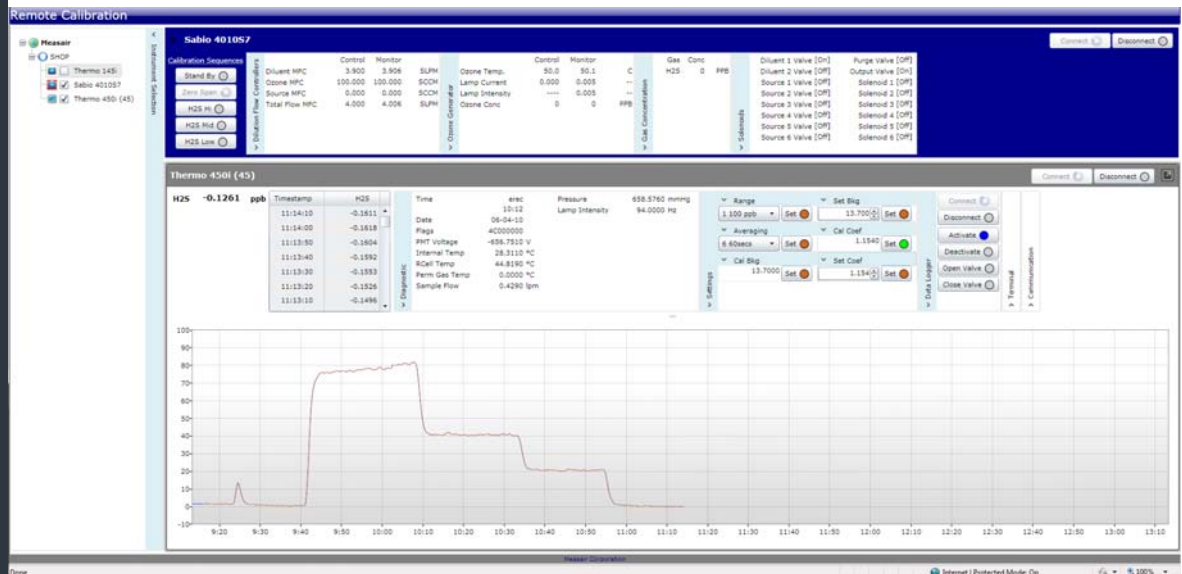
Single-point, remote network operation allows concurrent dynamic calibrations for any number of nodes. Built in drivers for most instruments including Thermo, API, Sabio, and others.

### REMOTE WEB INTERFACE

The RDC system can communicate via digital EVDO/3G, creating an affordable internet socket virtually anywhere! Operator(s) interface thru web browser to initiate calibrations, perform background/coefficient adjustments and observe the results all via a web browser!

### DAS PLUG INS

Plug Ins for ESC, Dr DAS, ICIS, and other systems are available as an option to provide enhanced dynamic calibration capabilities to almost any existing system.



The **Remote Dynamic Calibration (RDC)** application enables technicians to gain full control over dynamic analyzer calibrations from any location on the planet! Rigorously developed for unmatched stability over local and wide area network connections, RDC offers AQM network automation in a way that has been previously unavailable. With plug-ins for nearly every analyzer and calibrator manufacturer, RDC operates seamlessly in networks where technologies vary. Dynamic by design, the application will scale to any number of networks, stations, and analyzers giving the user immense potential for multi AQM network coverage simultaneously!

We all recognize that time is a precious resource of which we seem to have less and less of. When applying our automated solutions to routine network operations, a significant amount of time can be recovered. Now that's something we can all appreciate!

As all analytical and meta calibration point data is stored, the entire calibration can be 're-played' for validation or assurance purposes at any time.

Similar to our Diagnostic Data Streaming (DDS) system, the RDC application has no dependency on a Data Acquisition System (DAS) and can therefore be complementarily integrated into any existing network regardless of DAS technology.

Deployment options include:

- MeasAir Cloud server, wide area access
- End user server, local area access
- Local (Netbook/Tablet), on site access

# Technology Features and Benefits



## INCREASED PRODUCTIVITY

The MeasAir RDC system substantially reduces the amount of manual labor required to perform field based dynamic calibrations. Consistent with our other technologies, RDC provides the opportunity to 'find' more time.

## ADDED QUALITY ASSURANCE

As less physical intervention is required to perform calibrations, artifacts and biases are removed from yielding higher calibration confidence and resulting data quality and assurance.

## UNMATCHED TECHNOLOGY COMBINATION

When coupled with our Diagnostic Data Streaming service (DDS), network managers and technicians can now truly operate at an advanced level, remotely, proactively, and confidently.

For more information on any of our services or technology, please visit us online at [measair.ca](http://measair.ca).

Many of the field execution practices today employed by Ambient Air Quality Monitoring (AAQM) network operators are based on methodologies that have been in use for decades, and have remained largely unchanged in scope and technique. Although these operational practices can and have produced credible results over the years, they are now out of date and difficult to sustain.

Fortunately, MeasAir has recognized, thru 25 years of direct AAQM field service experience, the need to be smarter at how field tasks are performed. This realization has led to the industry's first web based dynamic calibration system, giving technicians a powerful tool to ensure instrument precision, accuracy, and traceability.

The MeasAir Corp. RDC application operates using readily available technology at a sensible cost that will integrate into most operational budgets. Implementation is easily typically achieved in a couple of days and requires no additional infrastructure for most existing network schemes. Let technology work for your network today! Call us and find out how you are able to take remote control of your calibrations today.

## System Specifications

- **Near real-time web based Remote Dynamic Calibration system**
  - Direct/Indirect Connect (No Connection thru existing DAS)
  - Drivers for Thermo, T-API, Sabio, EnviroNics, etc.
  - Ethernet / RS232 / RS422 connectivity and interconnectivity
  - Unlimited number of concurrent calibrations
  - Numeric and graphical (time series) rendering
  - Internal database connections for CS, DR DAS, ESC, and ICIS
  - Connects via RJ-45 Ethernet hub/router
  - Exclusive database for each network
  - Virtually unlimited number of users
  - 802.11 options available for wireless station installations

## SERVICES AVAILABLE

- [Calibration Data Hosting](#)
- [Installation and Setup](#)
- [Training & Implementation](#)
- [Maintenance](#)
- [Application Support](#)
- [Hardware Support](#)

*Developed by Technicians for Technicians*



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