

## New DataNet Release: The Intelligent Wireless Data Logging System Responding Better than ever to Event-Driven Alerts and Stringent Security Policies

**Fourier Systems Ltd.**

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Fourier Systems Ltd. is proud to announce on the second DataNet release providing a more comprehensive solution for the demands of heavily regulated industries, such as the pharmaceutical, food production and storage businesses. Reliable information is crucial for these businesses in ensuring production control, proper environment storage and inspected delivery.

Driven by strict quality assurance, product safety and process improvement guidelines, the second DataNet release delivers a solution that is both reliable and flexible.

Extensive new software application features, along with an impressive hardware unit functionality all respond to real customer needs.

The enhanced DataNet system provides the most comprehensive, cost-effective solution available in today's market, offering:

- Optimized monitoring with wireless data downloads
- Parallel monitoring processes supported within the same wireless mesh network
- Secured 24/7 monitoring and alerts when pre-defined thresholds are crossed
- Full data recovery for truly reliable environment monitoring
- Simplified deployment and ease of operation, helping maximize ROI
- Customized comprehensive reports, protecting product integrity

Boosted functionality makes the DataNet system even easier to install, maintain and scale up - within any application. This latest version is also more compatible than ever before, with various application structures, leading industry probeware and FDA 21CFR part 11 regulations. So for maximum returns and security, with minimum maintenance and investment - the DataNet system delivers reliable monitoring from manufacturing through to shipment and storage.

The DataNet new release combines intensive R&D innovation, incorporating customer requested features from installations worldwide. Highlighted below are the main key elements, from an extensive range of new features:

**Comprehensive Report module** enabling mission critical corporations, such as pharmaceuticals, to better meet international drug standards. Generating detailed reports comprised of logger data and system events, the customizable module gives users full control of their report content, including logger data, alarms, network events, SMS and e-mail notifications, graphs and histogram logs.

*Ideal for large networks that comprise multiple environments such as a warehouse, clean room and climate control chambers. Customizable Individual report profiles can be built for each environment and generated periodically to meet 21 CFR Part 11 requirements.*

**Mean Kinetic Temperature (MKT) calculation** added to Data Analysis menu, providing an essential quality control measurement in warehousing and distribution industries.

*The MKT calculation will measure the effect of temperature changes on perishable goods, which are most vulnerable during storage or transportation, keeping businesses in control during the most critical stages of the product life cycle.*

**Data download to DataNet software via USB port.** For maximizing data security, logged data can be downloaded directly to workstations using the integrated USB connector (on selected hardware units only).

**Substitute Receiver** ensuring added data protection -. Any existing Repeater on the same network can be transformed into Receiver mode, connected to the DataNet workstation via USB and seamlessly continue data transmission from network loggers to the PC. If the original Receiver is recovered, the Repeater can be placed back on the network according to its original definitions.

**Additional functionality in DataNet software interface**, with the ability to perform multi-device actions (Stop, Run, Turn-off), as well as enabling device name tags in the Map View to easily find specific loggers.

*This saves precious time in large scale networks by sending specific commands simultaneously to more than one device rather than one at a time.*

The enriched features, new system units bringing increased functionality and comprehensive software (21CFR part 11 version available) all help position the DataNet as an advance system offering a risk-free approach to real-time monitoring. This adds a unique licensing per system, securing maximum technical support efficiency.

**Addition of new hardware units** to the DataNet product family to offer a more flexible network and support a wider range of application infrastructures:

- DNL804, a single channel battery operated data logger with 4-20 mA input, providing a cost efficient solution for integration with third-party sensors.
- DNL910 and DNL920 PA data loggers with internal power amplifier, sustaining extended RF range (to match the DNR900 range)<sup>1</sup>

All hardware devices specifications have been enhanced, to become more robust including greater power consumption efficiency, resulting in extended battery life, as well as improved charging mechanisms. The wireless ZigBee network communication has been advanced, resulting in faster and more efficient handling of wide network deployment and faster network uptimes following launching of DataNet software.

To learn about the complete range of enhancements on the new release contact Fourier Systems at [info@fouriersystems.com](mailto:info@fouriersystems.com)

<sup>1</sup> The DNL910PA and DNL920PA will be available for sale starting September 2010.