



e-CliniQ

## Medical Parameters Monitoring (MPM™) MPM-Net™ - Remote Access to MPM™ Data Remote Monitoring Applications

### MPM™ Call Center

State-of-the-Art Medical Data Acquisition Center for Efficient Monitoring of Vital Signs

MPM call center serves as the receiving station for Aerotel's medical parameters monitoring and disease management. It is a modular platform designed to serve a wide range of health monitoring needs. Easy to operate, it can be applied to any standard PC equipment\*.

Comprised of an MS-SQL Database server and workstations connected in a network configuration, it is designed for long-term monitoring of medical parameters and offers various access and management options.

Patients can use Aerotel's homecare Communication Hubs as data transmitters in order to send test results to the MPM call center.

\* Based on Aerotel's minimum requirements



## MPM™ Call Center Cont.

### Applications

- Call center applications for immediate diagnosis of subscribed patients
- Hospital outpatient follow-up
- Early patient discharge from hospitals (helps reduce costs)
- Allows pharmaceutical companies perform drug compliance
- Receives digital data transmission for offline analysis Data access through the Web for subscribed patients and their physicians
- CHF patient follow-up

### Features

- Microsoft SQL™ database with full patient data management capabilities
- Stand-alone or network operation options
- Digital reception of data by either modem(s) or Internet
- MPM can receive data from various third-party compatible devices (Please contact us for a complete list)
- Automatic patient code generator
- Medical history of each patient
- Possibility of setting alarm values for each parameter to suit the patient's medical status, in order to activate an alarm if the received data exceeds preset threshold values
- Display of alarm source and handling of alarm options
- Reporting capabilities such as data, diagrams, histograms. Scatter graph (where appropriate)
- Secured access to system via password protection
- Remote access manager to generate user names and passwords for patients who wish to access their data via the Web

### Benefits

- Flexible and modular platform
- Short training period
- Easy to implement and use
- Cost-effective
- Low operational costs

## MPM - Net™

### Web-Based Access to MPM Data

Aerotel's MPM-Net system is an essential add-on to the MPM system enabling remote access of authorized users (patients, physicians, or companies) to view monitored medical values via the Web.

MPM-Net is a unidirectional system, enabling a "read only" operation for patients and/or remote physicians.

### Applications

- Remote monitoring of chronically ill patients
- Primary care system for remote areas
- Home Telehealth systems

### Features

- Secure remote access to MPM patient database via the Web
- Remote viewing of incoming values for various parameters, such as:
  - Blood pressure
  - Weight
  - Blood glucose
  - SpO2
  - Spirometry
- Medical data and patient data are instantly available for viewing over the Web to authorized users
- Individual alarm listing for every patient and parameter

### Benefits

- Patients are monitored in the comfort of their own homes and physicians can access patient data from anywhere anytime
- Increase patient's quality of care
- Improve patient compliance by enabling the patient to view data
- User friendly and easy to use
- Enables unmanned receiving center for remote monitoring of vital signs
- Reduces operational costs of receiving center

FDA Cleared

### Aerotel Medical Systems (1998) Ltd.

5 Hazoref St. Holon 58856, Israel

Tel +972 3 559 3222

Fax +972 3 559 6111

info@aerotel.com



[www.aerotel.com](http://www.aerotel.com)