

SmartCity®

eHealth Monitoring System

by DTLINK Inc. & Partners



Audience

- Government
- Regions
- Municipalities

SmartCity® Framework

- WiFi wireless controllers
- Unlicensed Wimax **NEW**
- Fiber Optic Devices
- Wireless nodes
- Data centre
- Certified Applications
- Operational Services

SmartCity® Wireless

- High Quality
- Performance
- All-In-One Device
- Management Software

Data centre

- Management Server
- Utility Server
- Firewall Software
- Routing Software
- Network Mgmt Software
- User Mgmt Software
- Remote Mgmt Tool

SmartCity® Applications

- Telemetry & SCADA **NEW**
- Internet Access
- SIP Telephony
- Hotspot Services
- Advertising Services **NEW**
- Alert & Messaging
- Wildfire Protection
- Video Security
- Web Filtering **NEW**
- Internet Usage Reports
- Card Pmnt Method
- PIA-PayKiosk
- PIA-InfoView
- PIA-NetSpooler
- PIA-HotSpotVPN
- Remote Control
- Pocket ERP
- OpenHire
- MissionMode
- Security Monitoring
- Document Management
- OpinionWare

SmartCity® . eHealth Monitoring System **NEW**

DTLink Inc. engineers and Health Care experts, developed together the The SmartCity® eHealth Monitoring System, adapted to wireless municipality networks and the needs for a simplified though efficient health monitoring system.

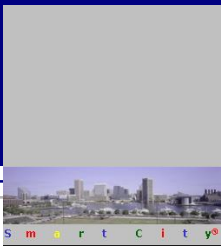
The SmartCity® wireless network will be now the unique infrastructure required for the deployment of an advanced Aide-At-Home program bringing together the latest achievements of the remote medicine and the broadband networks.



Distance Doesn't Make Any Difference

The SmartCity® eHealth Monitoring System is proof positive that "Distance Doesn't Make a Difference" for monitoring medical parameters. Medical parameters digital data - including information from compatible Heartline devices - is sent through the SmartCity® network to the municipality's monitoring service centre where through the supporting MPM® software, the data is automatically entered data into the patient's records.

Flexibility and adaptation to patient needs are the key to SmartCity® eHealth Monitoring System success. The complete system is designed for individual patient use. Installed in the user's home, it is connected wirelessly to the SmartCity® network and to the specific monitors required by the patient's physician.



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Tele-CliniQ (Personal Medical Parameter Acquisition Center)

The Tele-CliniQ appliance is the cornerstone of the SmartCity® eHealth Monitoring System, which integrates home health monitoring technology with the municipality's remote service centre. The Tele-CliniQ unit serves as the interface between patients at home and care providers, facilitating patient monitoring through specialized sensors. The Tele-CliniQ appliance is connected wirelessly to the SmartCity® network and through specific cables to the measuring instruments. The end user needs only to know how to use the measuring devices. The collected information is transmitted automatically to the municipality's service centre and stored in the central database



Streamlined Medical Management

Tele-CliniQ™ significantly eases the burden of monitoring medical parameters of chronically ill patients, while enhancing their quality of life. An easy-to-use multi-parameter communicator, it can simultaneously transmit data from up to four medical devices to the municipality service center. Once measurements have been recorded into each connected instrument, the user simply presses the "Start" button to activate parameter reading and transmission. Equipped with an internal memory and real-time clock, its automatic data transfer is reliable and minimizes human error. Tele-CliniQ™ streamlines medical management because it is both time and cost effective.

Features

- 4 inputs
- User ID code
- Internal data memory
- Real-time clock
- Remote programming capability
- Automatic shut-down when operation is completed
- Instant redial if line is busy
- Automatic device recognition and transmission

Applications

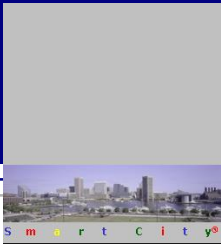
- Data collection from devices monitoring:
- Blood pressure
- Weight
- Blood glucose
- SPO2
- Respiratory peak flow
- ECG

Benefits

- Easy-to-use, one-button operation
- Transmits up to 4 different medical parameters
- Improves patient education and compliance with treatment programs
- Affordable solution for ongoing medical monitoring of different parameters
- Automatic reception at the municipality's service center

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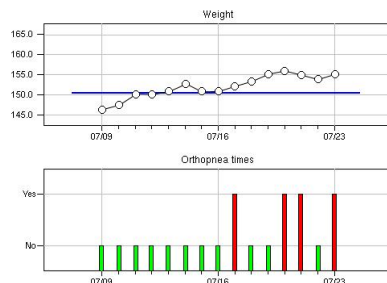
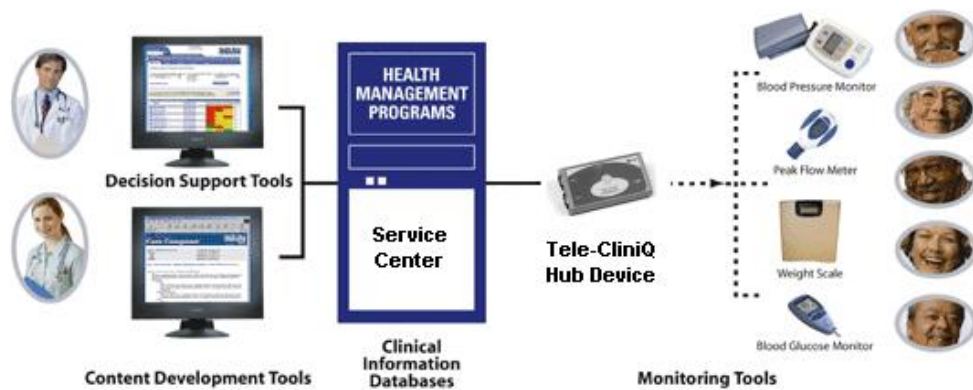
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MPM Call Center

State-of-the-Art Medical Data Acquisition Center for Patient Monitoring & Diagnostics

Modular Platform Designed to Serve a Wide Range of Health Needs

MPM Call Centre serves as the hub for SmartCity® eHealth Monitoring System medical parameters monitoring and disease management. Easy to operate, it can be applied to any standard PC equipment. Comprised of an MSSQL Database server and workstations connected in a network configuration, it is designed for long-term use and offers various access and management options.



Applications

- Instant review of incoming values for the following parameters:
- Blood pressure
- Weight
- Blood glucose
- SPO2
- Spirometry values
- Capable of receiving additional parameters

Features

- MSSQL database server and workstations
- Multi-port board for extended line traffic applications
- Flexible and modular platform
- Individual alarm setting for every patient and each parameter
- SMS generation
- Report generation
- Web connectivity

Benefits

- Easy-to-use
- Instant accessibility
- Broad database
- Cost-effective
- Automatic receiving of transmitted data