# iConnect.
## my life, my style

iConnect, Electronics Line 3000's innovative and stylish solution, offers residential security, safety, connectivity and control with dedicated interactive remote management applications - for end-users and service providers - using advanced communications based on PSTN, GSM, Ethernet, and a newly implemented GPRS platform. iConnect incorporates advanced diagnostic and maintenance tools and is designed for a simple and reliable wireless installation.

## Advanced, User-Friendly Control System

• Easy to read LCD display
• Multilingual, textual and audible voice messages and notifications
• One button arm/disarm and partial arming
• Service call button and user-programmed speed dial keys
• Memo recording options
• Listen-in and two-way voice channel
• All in one – all system components in one box
• Wireless and robust – resilient to tampering

## Control System Features

• 32 zones
• 32 user codes
• 256 events log
• USB port for on-site laptop programming and firmware updates
• Programmable relay output contact rating: 100mA (max. load)
• Built-in siren: 105dB or 85dB
• Operating temperature: 0-60°C
• Extended life back-up battery optional

## Smart Terminal

• Large LCD display with clear indication icons
• Time and temperature indication
• Easy to access battery compartment for end-user battery replacement
• Tamper feature
• Light sensor – for battery life conservation
• Voice notifications; available in various languages
• Memo recording options*
• Dedicated mounting bracket
• Smartkey reader*

*Will be available in 2009

## Advanced Communications

- Internal GPRS/Ethernet/GSM/PSTN communications modules, as primary or backup modes
- X-10 module
- Two-way audio communication – full duplex/simplex
- SMS and/or e-mail alerts to end-users
- SMS-SIA (textual) via GSM/SMS for fast and reliable event reporting
- SIA and Contact ID via PSTN/GSM
- IP protocol via the Internet (no need for static IP)
- GSM Siemens® MC-55 tri-band engine (900/1800/1900 MHz) with GPRS Class 10 support, utilizing voice channel, SMS and data
- PSTN high-speed Silicon Labs® modem chipset, 2400 baud rate

## Remote Maintenance and Service

- Remote firmware upgrades (available only with the GPRS platform)
- Remote programming through GPRS/Ethernet/GSM/PSTN
- Proprietary secure web server (ELAS) and Remote Diagnostics and Management utility enabling mass remote maintenance, control and management
- PSTN/GSM/IP receivers for monitoring stations

## Robust, Encrypted FM Technology

- Incorporates FM technology for optimal RF noise immunity
- Super-heterodyne, fixed frequency receiver
- Digital RSSI (Reception Signal Strength Indication)
- 66 bits encryption with SecuriCode™ technology (hopping and rolling code)
- Robust anti-collision
- Two-stage transmitter for improved frequency stability
- PLL synthesizer method
- Frequency options: 868, 433, 418MHz

*Will be available in 2009

## Wide Range of Wireless Detectors and Encrypted Control Devices

- Interior and exterior motion detectors (incl. pet immunity)
- Glassbreak detector and vibration sensor
- Smoke, gas and water leak detectors
- Medical emergency button
- External 2-way wireless siren
- Up to 19 wireless keyfobs
- Up to 16 smartkeys*

## Unique Installer Tools

- Menu driven programming for quick and easy installation
- True USB for on-site programming via a laptop
- Modular system configuration for quick and easy expansion
- Simple and fast wireless device registration
- Advanced remote programming software
  - Fast up/downloading via PSTN, Ethernet, GSM or GPRS
  - Delete keyfobs remotely
  - Upload status of all wireless devices
- Customizable default programs for presenting all system parameters, minimizing on-site system configuration
- Installer built-in utilities
  - Real-time transmitter list and status, visible and audible signal strength meter
  - GSM strength meter
  - Smart walk test; transmitter test; wireless siren test; internal siren test; interface test
- Can connect with up to 4 range extender repeaters for expansive installations

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