Everything
is under
control

Electronics Line 3000 Ltd.

Electronics Line 3000's state-of-the-art platform, infinite™ Prime, offers a complete and modular solution, combining security, safety, connectivity and control, with advanced remote management using PSTN, GSM, Broadband (incl. GPRS) communications. The solution provides users with peace of mind regarding their valuable homes and businesses, anywhere, anytime.

infinite Prime is delivered through mass market channels including service providers, monitoring companies, property developers and distributors, supplying them with a platform for value-added services. The solution also incorporates remote management and diagnostic tools for providers and has been uniquely designed for simple and reliable installation.

This advanced modular platform offers a comprehensive and flexible solution, suitable for all system users and providers.
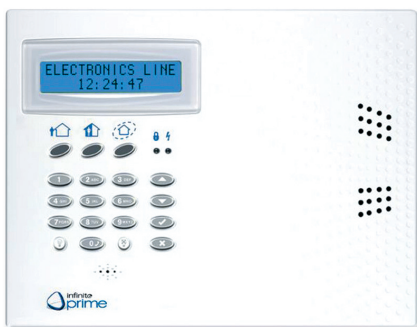
End Users Enjoy

- Security: Intelligent internal and external detectors protect the premises
- Safety: A variety of sensors notify of environmental hazards or personal distress
- Connectivity: Communication features allow users to contact one another from within the premises
- Control: Smart home features enable controlling appliances from remote locations

The solution creates a home network in which security, safety, connectivity and control peripherals communicate with a central unit - the control system. The control system also acts as a gateway to an external network, enabling a wide variety of interactive management applications, whereby users can arm the system remotely, receive real-time sms or email alerts in cases of hazards or distress, remotely control home appliances and much more. The control system and its wide range of peripherals may be installed using wired, wireless or hybrid connections, enabling customizing installations to fit each and every customer's needs.

Partner Benefits

infinite Prime's state-of-the-art technology ensures high reliability, low false alarm rates and advanced functionality. The solution is highly intuitive and quick to install, monitor, upgrade and use. For monitoring stations and providers, advanced management tools also facilitate installation, on and off site configuration, maintenance and status checks, as well as diagnostics and upgrades.

The Company's unique solution is highly suitable for suppliers to integrate into their operations. Monitoring and installation companies, service providers, construction and property development companies as well as resellers can all benefit from this affordable solution. With infinite Prime, partners can broaden their offering and generate additional revenues while enhancing customer loyalty, all with minimal TCO (total cost of ownership).

infinite prime

Electronics Line 3000 Ltd.
www.electronics-line.com

solution Summary

Spheres: Security, Safety, Connectivity, Control

Today's home and office have become the focal point in people lives which now require a higher degree of security and safety as well as a growing need for control. Electronics Line 3000 has been leading the way in developing unique solutions catering to these contemporary needs. At the forefront of the Company's developments is the infinite Prime, the next generation solution based on the proven infinite line.

The solution focuses on four main spheres: security, safety, connectivity and control, gained by on-site wired and wireless peripherals with a variety of activation devices. Moreover, the platform's uniqueness lies in its capacity to combine these aspects along with advanced remote management tools.

Security

infinite Prime users benefit from utmost security for peace of mind at all times. A wide array of intelligent sensors and detectors provide internal and perimeter protection throughout the premises, while innovative pet-immune motion detectors differentiate pets from human intruders, ensuring low false alarm rates. The system also includes various options for personalized pre-defined arming modes of the premises.

Free-zone movement inside the premises while perimeters are armed is enabled using curtain detectors and magnetic switches. Glass break detectors notify users when the sound of broken glass is heard, while sirens may frighten away intruders and silent sirens can notify selected destinations without sounding an alarm. Panic buttons and listen-in channels also provide users with advanced security and safety options, ensuring they can communicate with remote users and monitoring stations in cases of distress. infinite Prime presents the highest level of international security and safety approvals and industry standards protocols such as: CE (including ROHS, WEEE), UL, CCC, as well as additional local industry standards.

Safety

Using infinite Prime, users enjoy enhanced safety, minimizing risks and potential damages to the premises and themselves. Using various environmental sensors and detectors, the system protects the property against CO and water leaks, ensures sustaining the desired temperature, while advanced gas and smoke detectors minimize the risk of fire.

Personal safety is attained through panic buttons and listen-in channels, allowing users, mainly dependent individuals, to notify remote users and monitoring stations in cases of distress, enabling them to remotely evaluate the severity of the event. Two-way communication channels enhance safety by allowing real time communications with remote users, monitoring stations and medical care services.

Connectivity

With infinite Prime, users enjoy constant connectivity in and out of the premises. Built-in microphone and speakerphone for two-way conversation enable communications within the premises among different users, as well as communications outside the house with a variety of designated users.

infinite Prime users can always know who comes and goes. Designated keyfobs and user codes inform users exactly who has armed or disarmed the system (children, au pair) thus providing a high level of user supervision over the property.

Control

With infinite Prime's control options, users enjoy enhanced control over various home appliances and services, including turning on and off lights, heating, washers and much more. This also enables weekly scheduling as well as one-off activation options for home appliances. Scenario responses (such as having the lights go on at night when children wake up) are also available. The system is supported by various activation devices, including a keypad, remote control, keyfob and tag readers.

Remote Management for End Users

Being Far, Feeling Close

These days, as people are spending more time on the go, there is growing need to stay connected to homes and loved ones. Electronics Line 3000 recognized this trend and has developed interactive capabilities via integrated communication modules.

infinite Prime provides remote management applications for end users through PSTN, GSM and Broadband (incl. GPRS) infrastructure, enabling them to be connected to their homes and offices, enjoying full control over the system.

Advanced remote management features allow arming and disarming the system, activating home appliances and devices as well as conducting various status checks. Event notification such as intrusion of fire are immediately sent via telephone, sms or email, enabling an instant response.

Alerts may be configured to be sent to designated users (self monitoring) and/or monitoring stations according to a pre-defined setup. Users are notified when the system is armed or disarmed while designated keyfobs and user codes may be programmed to inform users exactly who has activated the system, providing a high level of user supervision over the premises. A GSM user application also provides users with remote system control via a web application. Thus, users benefit from a fully interactive solution allowing them to enjoy peace of mind, knowing they are always up to date.

Broadband-Based Remote Management

Taking remote management to the next level, Broadband-based remote management offers end users highly advanced interactive remote management tools.

Broadband Web User Inteface

Secure, always-on, TCP/IP based communications allow users to control their homes and offices remotely through a user-friendly web interface. Users can receive real time email alerts in case of an event, enabling an immediate response. Users can also define designated cellular numbers for event notification.

Secure streaming video look-in from IP cameras installed at the property enable viewing into the property for immediate verification of events and their severity, allowing users to take the appropriate action for each event. Event logs may also be viewed, saved and printed.

The system's intuitive web interface also enables remote home automation by controlling appliances and devices, such as scheduling the activation of appliances according to specific parameters. Users may schedule lights to go on and off when they are out, or have the heating switched on every day at a pre-defined time.
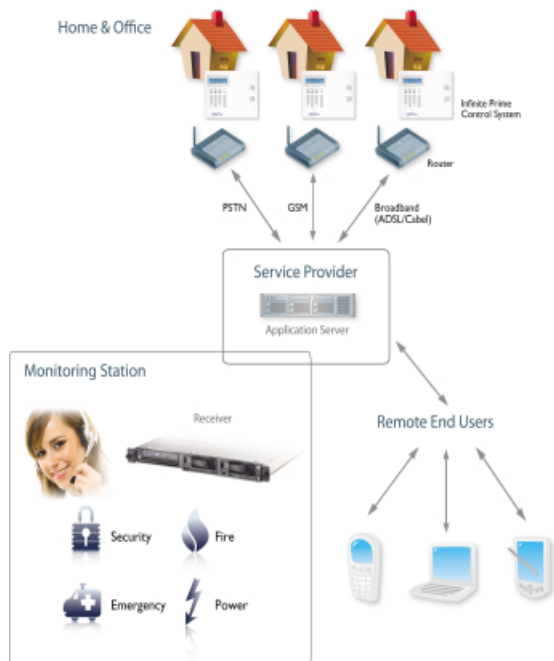
With the unique web interface, users can also manage user codes and define alert options and destinations, allowing them to be in full control anywhere, anytime.

Management Applications for Providers

One - Stop Service

In today's competitive market, customer retention and the strive for increasing revenue streams has created the need for comprehensive solutions and service bundling, empowering providers' role as a single source for a variety of services. infinite Prime has been designed to form a virtual network in which service providers are the pivotal point, controlling all information, communications and services. Moreover, leveraging on their existing infrastructure, service providers may utilize this network to expand their offering with value added services.

All security, safety, connectivity and control spheres, from which end users benefit, can be part of the provider's offering, enabling providers to easily reach their customers and enhance customer loyalty. Multiple platforms ranging from basic PSTN, through to GSM and Broadband, enable providers to expand their services, whilst increasing management capabilities and control over this network.

infinite Prime's modular platform suites the organizational operations of providers, also by allowing flexibility in deciding to which extent services are offered; either in-house, or by outsourcing to third party providers which may provide monitoring, CRM, installation and more. The solution also incorporates a wide range of management applications, enabling generating additional revenues while benefiting from operational efficiency with minimal TCO (total cost of ownership).

Remote Diagnostics and Maintenance
Remote Programmer (RP)

Infinite Prime's state-of-the-art Remote Programmer supports three main needs:
- Installation: rapid on-site and remote configuration
- Monitoring: real time status checks, command and fast event log
- After sales service: maintenance, diagnostics and upgrades

RDM

The system's Remote Diagnostics and Management utility enables mass automatic management of control systems as well as proactive maintenance, status checks, diagnostics and updates. The ability to manage a large number of systems enables cost savings. Moreover, by providing proactive service, low call out rates are achieved along with enhanced customer care.

Central Station Monitoring Receiver

The Receiver picks up event signals sent from the control system at the premises and converts these using traditional security protocols to monitoring software protocols.
infinite Prime incorporates receivers supporting PSTN, GSM and Broadband communications, and also provides a solution for VoIP communications.

Customer Service Management

By providing end users with remote management tools, providers control all customer data transactions, which can also be utilized for gathering essential marketing information regarding customers' usage habits.

GSM

Utilizing existing cellular infrastructure, providers can allow customers to remotely control their system via sms. Limited GSM-based remote system control is also provided through a web user interface. Providers may choose to enable or disable various elements of this offering. Additionally, by having sms capabilities incorporated into their monitoring operations, providers benefit from faster event reporting, allowing enhanced security levels and customer service.

Broadband

Taking remote management to the next level, infinite Prime-Broadband offers powerful remote management applications based on the Electronics Line 3000's Application Server (ELAS).

This fully redundant 24/7 dedicated application server is the central component of the network, managing all data transactions, while seamlessly integrating with the provider's own customer databases.

End users enjoy sms and email notifications, and are provided with an interactive web user interface allowing full system control. This interface was designed to be incorporated into the provider's web portal, enhancing brand presence in users' ongoing usage. Providers may offer these services modularly with options to enable or disable different elements.

The dedicated application server ensures utmost security in IP communications, while routing information according to pre-defined parameters. All transactions are indirect and managed through the ELAS, while control systems respond only to recognized application servers using high level encryption and enhanced authentication methods including SSL3 supported by all IIS modules. Moreover, constant supervision over control systems is possible due to the always-on broadband connection.

The infinite Prime-Broadband platform has been designed for operational savings with a plug & play installation to all standard routers. Furthermore, being a scalable solution, it utilizes the provider's existing infrastructure and seamlessly integrates with back office applications, hence requiring no CAPEX.

Electronics Line 3000 Ltd.
www.electronics-line.com

The Control System

The infinite Prime control system combines maximum performance with a sleek design. This contemporary system is the central component of the solution, managing and directing all information to and from the premises. The control system:

• Enables advanced initial system configuration
• Receives signals and alerts from devices
• Sends updates and alerts to remote users and monitoring stations
• Receives updates and commands from remote locations

Wired and wireless peripherals provide constant secure communications with this central unit, creating an internal network. The control system is also the gateway to an external network, enabling a variety of remote management applications and additional services.

The control system has been uniquely designed as an all-in-one modular box. All modules, including PSTN, GSM, Broadband and home automation, as well as transformers are integrated in one box, assuring an aesthetic, secure and modular solution.

The control system provides users with multiple advanced features for intuitive operations, including:

• An easy to read LCD display
• Multi-lingual visual, textual and audible voice messages and notifications
• One button arm/disarm and a service call button for pre-assigned destinations
• Message center and memo recording options
• Listen-in and two-way voice channel for communicating with users at the premises
• Intuitive partial arming options
• Child arrival notification

The control system operations are supported by additional peripheral devices including a remote control, keyfob and tag-reader for simple, wireless activation.

The infinite Prime control system is available in two boxed forms: a designed plastic box which communicates with wireless devices or a metal box which operates with both wired and wireless devices (hybrid). The robust security hybrid box is usually placed in a cupboard while ongoing operations are conducted using a compact keypad.

infinite Prime / infinite Prime-Broadband   infinite Prime-Hybrid

Electronics Line 3000 Ltd.
www.electronics-line.com

Wireless Safety

EL-2603EN Wireless Smoke Detector
EN-54-7 approved photoelectric smoke detector

EL-2661 Wireless Water Leak Detector

EL-2662 Wireless Gas Detector
Methane, propane and butane leak detection

EL-2663 Wireless Low Temperature Detector
Low temperature detection (under 5°C) for pipe burst prevention

EL-2664 Wireless Carbon Monoxide Detector

EL-2611 Wireless Medical Emergency Button
Water resistant, wireless panic button with pendant/keychain option

Wireless Security

EL-2645/PI Wireless Motion Detector
Microprocessor controlled for reduced false alarms, with optional 45kg/100lb pet immunity

EL-2650C Wireless Curtain Detector
Narrow beam curtain allowing free movement within protected premises

EL-2606 Wireless Glass Break Detector

EL-2601 Wireless Magnetic Switch
Door and window intruder detection

EL-2602 Universal Transmitter
Suitable for connecting a variety of peripherals to the control system

EL-2626AC Wireless Outdoor Siren and Strobe
Supervised wireless siren 85dB/106dB (AC powered)

EL-2623 External Indoor Siren
Wireless siren 85dB/106dB (AC powered)

Hardwired Security

Arrow-C Curtain Detector
Narrow beam curtain allowing free movement within protected premises

Arrow XL - Directional Curtain Detector
Microprocessor controlled curtain detection with direction recognition and narrow beam curtain for free movement within protected premises

EL-9000 Anti Mask and Anti Spray Motion Detector
Microprocessor based signal processing with automatic environmental adaptation

Mercury 100, 1000, 5000/PI Motion Detectors
A complete series of PIR indoor security for various working environments with optional 45kg/100lb pet immunity

Mercury 6000/ PI Dual –Technology Motion Detector
K-band microprocessor controlled with optional 45kg/100lb pet immunity

Connectivity and Control Devices

EL-2620 Wireless Keypad
Full/Part/Perimeter Arm and Disarm, with 16 home automation devices control

EL-2621 Wireless Two-way Keypad
Includes El-2620 standard features as well as system status indication:
Arm/ Disarm/ Alarm and automatic user codes synchronization

EL-2622 Wireless Smartkey Keypad
Arm/Disarm terminal with easy to use smartkeys

Wired LCD Keypad
Includes complete system status display

EL-2640 Wireless Remote Control
Full/Part/Perimeter Arm and Disarm, with 16 home automation devices control

EL-2614 Wireless Multi-function Keyfob
Full/Part/Perimeter Arm and Disarm, Home Automation and Panic

External Interphone
Two-way microphone and speaker unit, optional for expanding the system's built-in interphone

Wired & Wireless IP Cameras

Control with X10 Devices
Supports X10 units for various home automation of appliances:
lights, heating, washers, garage door and more

infinite Prime offers a full range of peripherals which can be installed to communicate with the control system using hardwired, wireless or hybrid (combined) connections.

Hardwired Connections

Wired systems offer the highest standard of robust security while being cost-effective. Wired detectors are standard commonplace, therefore some unique detectors are found only in hardwired formats. Wired solutions are most suitable for new constructions, large villa houses and medium size commercial buildings.

Wireless Connections

infinite Prime was developed as a wireless solution, focusing on attaining utmost security, together with an easy installation process.

infinite Prime offers the benefits of a quick (up to one hour) and hassle-free installation, with simple to mount devices, fast device registration and built-in installation tools for installers. End users benefit from a rapid, non-intrusive installation with no damage to walls, while wireless activation devices such as keyfobs and remote controls allow users to enjoy the full benefits of a wireless system.

infinite Prime's wireless devices use fully encrypted and enhanced RF technology for maximum reliability and the highest level of personal and asset protection. FM transmission provides superior noise and interference immunity. Patented encrypted communication methods assure uninterruptible and reliable communication between system components and significantly reduce false alarms. Wireless installations are most suitable for residential and SOHO premises.

Hybrid Connections

Infinite Prime is now also available using combined wired and wireless connections in one. Hybrid connections unite the best of both worlds, offering the highest level of security with the convenience and flexibility of using wired as well as wireless peripherals. Hybrid connections enable easy upgrades and seamless integration with detectors and devices that are already installed at the premises. This professional and robust security system is suitable for all residential and commercial areas and for upgrading existing installations. infinite Prime with hybrid connections supports a total of 32 zones in any combination of wired and wireless configurations in multiples of 8.

Electronics Line 3000 Ltd.
www.electronics-line.com

Setting New Industry Standards

infinite Prime is the latest most robust platform from Electronics Line 3000 to date. The platform's technology and applications have been developed to place the solution at the forefront of the security market, setting new industry standards.

Robust RF

The infinite Prime platform implements fully encrypted and robust FM wireless communication channel. Its two-stage transmitters and fully integrated PLL stabilized synthesizers reduce noise and increase overall wireless performance. Additional advanced anti-collision protocols, utilizing prioritized and randomized transmissions, enable multiple wireless device communication, ensuring all messages arrive at the control system.

Encryption is incorporated in the full range of wireless peripherals utilizing a 66-bit encryption algorithm with SecuriCode™ rolling-hopping technology. Initial device coupling includes automatic device type recognition using the device's unique ID, while smart auto- synchronization when transmitters are activated out of range provides users with utmost security alongside effortless simplicity. Four billion code combinations make code grabbing or scanning impossible, as a single code will be repeated approximately once every 17 years. A scanned code that is duplicated generates an alarm to indicate a possible attempt to gain unauthorized access.

All peripherals incorporate low power-consumption algorithms combined with high quality double-screened 3.6V/1.2Ah lithium batteries which provide 3-5 years of wireless device life while accurate digital RSSI (Received Signal Strength Indication) assures reliability and control over wireless installations.

Processing Power and Advanced Operation System

A powerful main processor - Fujitsu's 16-bit CPU core working at 16MHz, combined with ITRON embedded real time nucleolus, provide a highly reliable and stable platform on which infinite Prime can run smoothly. High level programming languages (C, C++) allow for advanced functionality in current versions and quick feature implementation for future needs.

The incorporation of a new communications BUS in the infinite Prime platform allows for simple and fast single point flashing for firmware upgrades. Furthermore, the USB type connector can also be used for local high-speed system configuration via PCs or handheld devices.
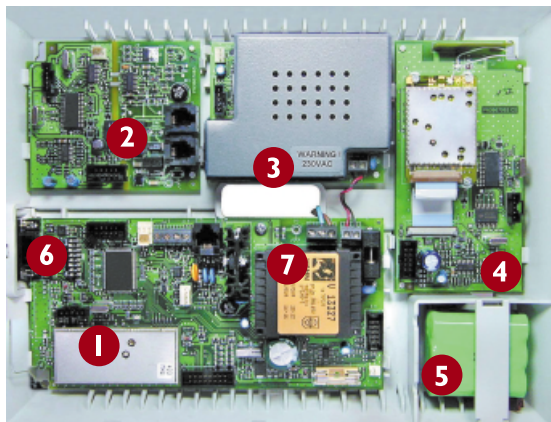
Modular, Plug & Play

As an all-in-one, modular solution, infinite Prime allows for multiple customized offerings. All system components, including transformers, are located in one box, minimizing installation time while offering a broad range of add-ons.

Modules include:
- Cellular GSM/GPRS
- Home Automation
- PSTN
- TCP/IP

Advanced Communications

Advanced communications modules minimize and simplify installations, while built-in high speed modem chipset supports 2400 baud rate PSTN communications and a fully integrated Siemens tri-band GPRS/GSM module (Siemens inside), enables 9600 baud rate while supporting two frequency ranges:
900/ 1800/ 1900 MHZ
850/ 1800/ 1900MHZ

1. Main board
2. PSTN module (TCP/IP)
3. HA / LPM
4. GSM / SMS
5. Backup battery
6. USB type interface
7. Power Supply

Electronics Line 3000 Ltd.
www.electronics-line.com

The infinite Prime platform provides a comprehensive solution catering to the needs of all system users and operators. From a simple installation process to advanced monitoring tools, intuitive usage and an infrastructure for additional services, this solution is highly suitable for different suppliers to integrate into their offering. Monitoring companies, service providers, property development companies as well as resellers can all benefit from this unique, affordable solution, broaden their offering and generate additional revenues with minimal TCO (total cost of ownership).

Comprehensive Solution for End Users

- Security, safety, connectivity and control
- Interactive remote management capabilities
- Wireless system
- Quick, non-intrusive installation
- High reliability, low false alarm rates
- Intuitive operation, user friendly
- State-of-the-art devices
- Attractive designs
- Affordable with unique and advanced features

Professional and Friendly Installation

- Intuitive and quick installation process
- Wireless system also supporting hardwired and hybrid connections

- Built-in installation and diagnostic tools
- Simple configuration and programming (local/remote)
- A variety of communications modes: PSTN, GSM, Broadband (incl. GPRS)
- TCP/IP plug-and-play installation

Advanced Monitoring and Maintenance

- Low maintenance and service calls
- High reliability, low false alarms rates
- Maximum security - encryption and authentication
- Remote diagnostics and maintenance tools
- Applications for automatic simultaneous mass remote management of systems
- International security approvals and industry standard protocols

Revenue Generating Platform

- Increase ARPU through additional new services
- Create a modular service offering
- Minimize TCO
- Leverage on existing infrastructure
- Increase customer retention
- Minimal CAPEX and fast ROI
- Enhance brand image

Electronics Line 3000 Ltd.
www.electronics-line.com

Electronics Line 3000

Electronics Line 3000 is a world leading developer, manufacturer and provider of advanced security, safety, connectivity and control solutions, combined with remote management applications, for the residential and small commercial markets.

The Company was established in 1982, evolving from a traditional manufacturer of security systems to an industry market leader, committed to developing advanced, next generation solutions. Our advanced technological capabilities enable providers to offer value-added services such as: security monitoring, hazard detection, remote management of appliances, video look-in and more. All these are provided using multiple communication options including PSTN, GSM and Broadband (including GPRS).

The Company's solution is suitable for mass market channels, such as service providers, monitoring companies, property developers and distributors, who are looking to rapidly expand their business into the profitable area of residential security and control.

The Company operates through its global network of partners in Europe, U.S.A, Latin America, Asia and Australia, with over 2.2 million control systems and 15 million devices installed worldwide. The Company's state-of-the-art fully automated manufacturing facilities ensure mass production of high quality products.

With 25 years of proven experience and a list of hundreds of satisfied partners, Electronics Line 3000 is world renowned as a qualified and trustworthy partner, committed to offering customized solutions and market expertise, as well as sales, installation and technological support, enabling our partners to successfully launch and operate value-added services, making this product offering a reality.

Electronics Line 3000 is publicly traded on the Frankfurt Prime Standard (trading symbol; ELN) and is headquartered in Israel with additional offices in the U.K. and U.S.A.

propoza

Electronics Line 3000 Ltd.
www.electronics-line.com

Electronics Line 3000 Ltd.	ESP - Electronics Line UK	Electronics Line USA	SecTecGLOBAL
2 Granit St. Kiryat Arieh	Unit 7, Leviss Trading Estate	5637 Arapahoe Avenue	156 West 56 Street, Suite 1605
Industrial Zone, P.O.B. 3253	Station Road, Stechford	Boulder, CO 80303	New York, NY 10019
Petah Tikva 49130	Birmingham B33 9AE	United States	United States
Israel	United Kingdom	Tel: (1-800) 683-6835	Tel: (1-212) 265-2400
Tel: (972-3) 918-1333	Tel: (44-121) 789-8111	Fax: (1-303) 938-8062	Fax: (1-212) 265-2419
Fax: (972-3) 922-0831	Fax: (44-121) 789-8055	info@el-usa.com	info@sectecglobal.com
info@electronics-line.com	info@espuk.com		