

Lenel OnGuard[®]

Total Security Knowledge Management Solution[™]



Total Security Knowledge Management Solutions

OnGuard's Total Security Knowledge Management Solutions seamlessly integrate synergistic technologies using open architecture design standards. Compatible with the Microsoft Windows 2000 and XP operating systems, OnGuard offers advanced access control, alarm monitoring, digital video, intrusion detection, asset tracking, information security integration, credential production, and employee and visitor management functionality. Individual application modules are available as standalone systems or can be deployed in any combination to deliver a single, seamlessly integrated solution.

Open Architecture Design

As part of its corporate philosophy, Lenel is committed to open architecture. OnGuard has been designed in accordance with de facto standards in the computer industry. OnGuard supports commercial off-the-shelf technologies for operating systems (Microsoft Windows 2000/XP), database platforms (Microsoft SQL Server, IBM DB2 Universal Server, and Oracle Server), user directories (MS Active Directory and LDAP), networks (Ethernet), report generators (Crystal Reports[™]) and administration utilities (for system backups and fault tolerance). OnGuard has also been designed to seamlessly integrate with external applications and peripheral devices. OnGuard can bidirectionally exchange data with any ODBC compliant system (human resources, time and attendance and ERP systems). OnGuard supports peripheral devices with industry standard communication drivers, including credential printers (Nisca, Eltron, Ultra), network connectivity devices (Lantronix) and card readers (magnetic stripe, Wiegand, proximity, bar code, smart card and biometric).

Seamless Integration

All OnGuard application modules (Access Control, Alarm Monitoring, Credential Management, Digital Video, Intrusion Detection, Asset Management, Information Security Management, Visitor Management, etc.) can be seamlessly integrated with one another. OnGuard uses a single database server and a single user interface for all applications. All OnGuard application software can be configured and managed from a single administrative workstation, and event activity can be monitored from a single alarm monitoring workstation.

Distributed Network Architecture

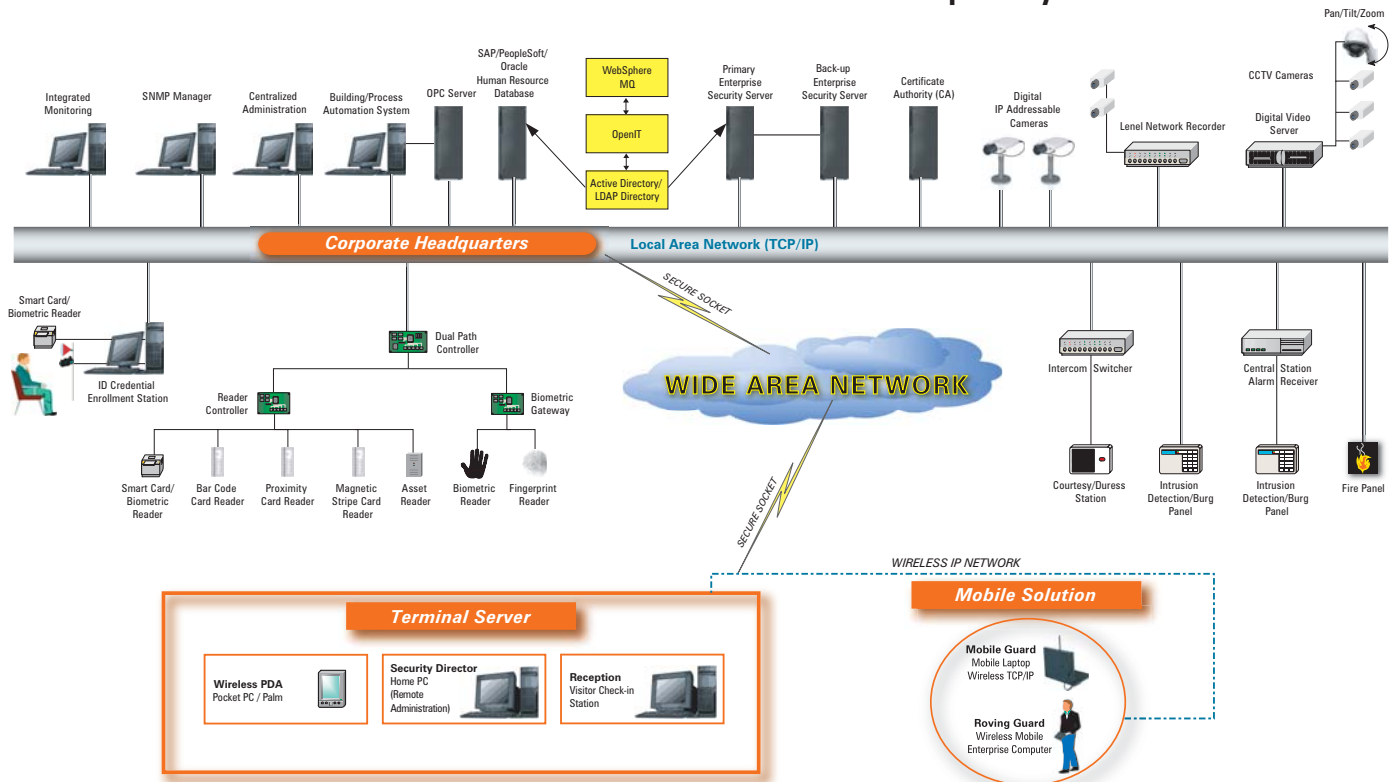
OnGuard's distributed network architecture allows client workstations and intelligent field controllers to be placed directly on the existing network. All local access decisions are made and processed at the field panels, minimizing network traffic and providing real time access determinations. System administration, monitoring and video display can be performed at any client workstation on the network.

Advantages & Benefits

- ▶ Windows 2000/XP/2003
- ▶ Client/Server or Web Client Architecture
- ▶ Microsoft SQL Server, Oracle Server Database
- ▶ Concurrent Licensing
- ▶ Single Sign-on Support Using Windows 2000/XP/2003 Accounts
- ▶ Scalable Solutions - Full Upward Migration Paths
- ▶ Fault Tolerant, Hot Standby Solutions Available
- ▶ Biometric/Smart Card Support
- ▶ Lenel OpenAccess[™] Alliance Program
- ▶ Multi-Language Support
- ▶ SNMP Support
- ▶ Custom Report Writers
- ▶ Distributed Network Capabilities
- ▶ UL 1076 Versions Available
- ▶ OnGuard Total Security Knowledge Management Portfolio:
 - Access Control
 - Alarm Monitoring
 - ID Credential Management
 - Digital Video
 - Intrusion Detection
 - Asset Management
 - Visitor Management
 - Mobile Enterprise
 - Windows 2000/XP/2003 Account Management
 - Information Security Management
 - Access Level Administration
- ▶ Additional Integrated Technologies:
 - Human Resources
 - ERP
 - Central Station Receivers
 - Fire Alarm
 - Intercom
 - Personal Safety Devices
 - E-mail
 - Paging

Total Security Knowledge Management Solution™

Central Server Enterprise System Architecture



Integration with OnGuard OpenIT™

OnGuard OpenIT is an advanced Application Programming Interface that allows real time, bidirectional data exchange and actions to occur between OnGuard Total Security Knowledge Management Solutions and IT information systems or other third party applications. OnGuard OpenIT allows OnGuard cardholders to be linked to Windows Login Accounts, and enables OnGuard applications to be deployed (either full scale or scaled down version) on alternative computing platforms. OpenIT facilitates information sharing and provides integration points to third party information system products such as Tivoli, HP OpenView, and IBM WebSphere MQ Family Adapter.

Application Partitioning

Using OnGuard's application partitioning, system administrators can provide each client workstation with only those applications that are required for that workstation. Based on licensing, each client workstation can have installed any combination of OnGuard application modules needed for daily operations, including access control, alarm monitoring, credential management, digital video, intrusion detection and visitor management.

Integration with Corporate Infrastructure

OnGuard provides utilities that enable advanced integration with existing business systems. Using sophisticated database tools, OnGuard can bidirectionally exchange cardholder data with human resource and/or ERP systems. OnGuard can also further integrate with a number of supported fire alarm, intercom and personal safety/duress systems.

OnGuard OpenAccess™

The OpenAccess Alliance Program provides a set of standard Application Programming Interfaces (APIs), documentation and support to enable certified, third party hardware manufacturers (such as fire alarm, burglar or digital video manufacturers) and software application developers to integrate their products into the OnGuard Total Security Knowledge Management Solution.

Lenel and OnGuard are registered trademarks of Lenel Systems International, Inc. Microsoft and Windows are registered trademarks of Microsoft Corporation. Other companies and products named herein may be trademarks or registered trademarks of their respective owners, and are hereby acknowledged.

LENEL®

Always OnGuard™



Lenel Systems International, Inc.
 1212 Pittsford-Victor Road Pittsford NY 14534 USA
[tel] +1.585.248.9720 [fax] +1.585.248.9185 [web] www.lenel.com