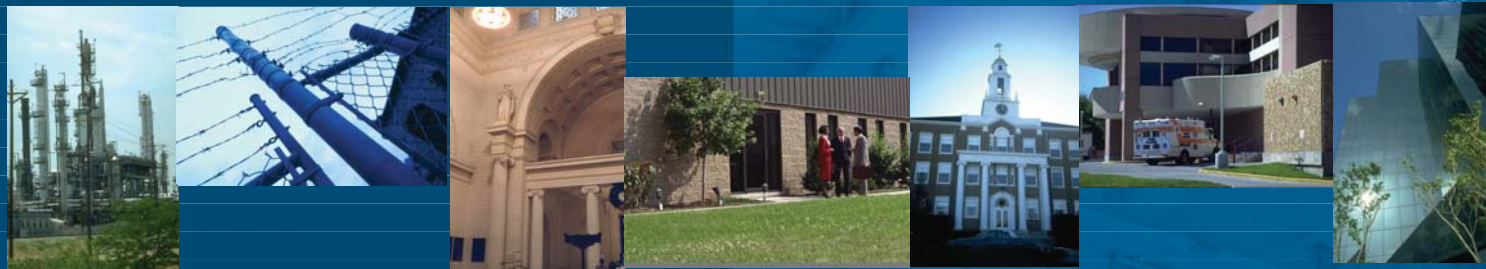


## Longitude Reporting

Longitude IPAC provides a large number of standard reports, including Personnel Lists, Access Privileges, and System Configuration Information. User defined custom reports can be created and scheduled for printing. The most important feature of the reporting system is that it can maintain virtually unlimited historical archives for printing that is only limited by available disk space. Many systems keep two years of online history. This greatly simplifies system maintenance. In fact, year end archiving is performed automatically. The user simply needs to provide an online or offline storage media to perform the year end archive.

## Browser-Based User Interface

The standard Browser-based User Interface provides comprehensive functionality without the need for client software. Users simply need a Web Browser to access all of the functions of Longitude IPAC. However, the optional Windows-based Thick Client provides exceptional performance in bandwidth limited situations. The system is designed to provide the familiarity of a Windows Desktop or a Browser-based user interface.



## The Longitude IPAC Solution - No Project Too Big or Too Small

*The Access Control Division of DVTEL has been developing technology for the Security industry since 1982. It is best known for solving very complicated and large access control challenges, one of which is the world's largest single security system supporting Access Control for upwards of 3,000 buildings, 150,000 cardholders, 30,000 readers, and 1,000,000 transactions per day.*

*DVTEL products have evolved based on the real-world needs of our customers, including the need for price competitive systems of any size. No project is too big or too small, so we provide entry level solutions that are simple to use and competitively priced.*



DVTEL, Inc. USA  
65 Challenger Road  
Ridgefield Park, NJ 07660  
Main: +1 (201) 368-9700  
Fax: +1 (201) 368-2615

DVTEL, Ltd. EMEA  
7 Lancaster Court, Coronation Road  
High Wycombe, HP12 3TD  
Main: +44 (0) 870-240-0716  
Fax: +44 (0) 1494-446-928

Visit us at [www.dvtel.com](http://www.dvtel.com)

© 2006 DVTEL, Inc. All Rights Reserved

# Longitude IPAC V5

## IP Access Control

DVTEL's Longitude™ IP Access Control is an open, software-based solution with standard features that include access control, alarm monitoring, graphical maps, automation, reporting, and a browser-based user interface.

Longitude IPAC is a multi-vendor software platform that works with many of the most popular brands of access control hardware including access control panels and readers. With Longitude, you are not locked into proprietary access control hardware.

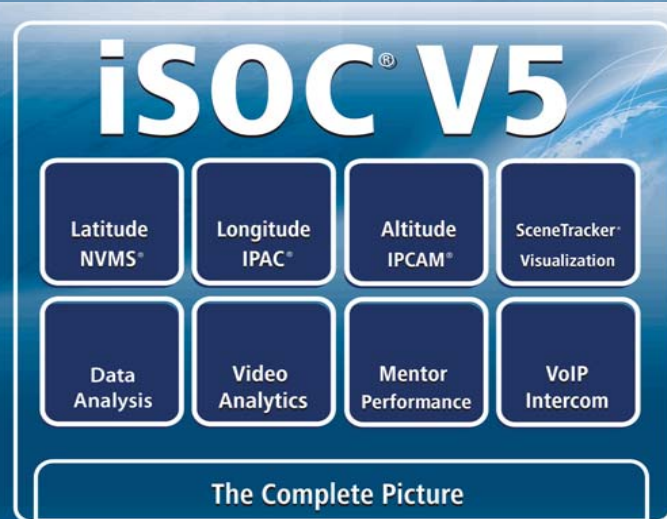
Longitude IPAC provides a wide range of features, unequalled reliability, unlimited scalability and the best price and performance in the industry.

But most importantly, Longitude IPAC is part of DVTEL's intelligent Security Operations Center (iSOC™) V5. iSOC V5 is the only open standards, IP-based security management center that unifies all your video, audio, data, access control, and alarm management functionality and requirements into one command and control center.

iSOC V5 creates a common operational picture that enables you to capture, manage, analyze, integrate and then act on previously unorganized and overly complex data. This provides improved reaction time, enhanced operator productivity and reduced corporate loss.







## DVTel's iSOC: The Unified Physical Security Solution

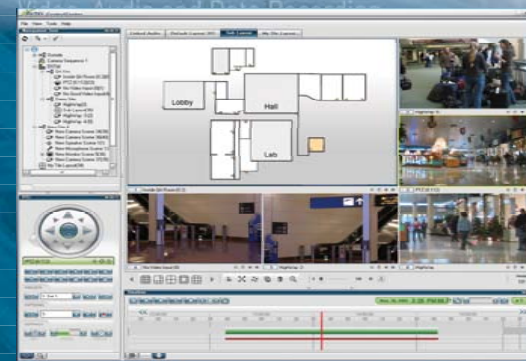
DVTel's intelligent Security Operations Center (iSOC™) includes the following modules:

- Latitude Network Video Management System (NVMS™)
- Longitude IP Access Control Software and Hardware
- Altitude™ Network Cameras
- SceneTracker™ Visual Analytics
- Data and Video Analytics
- Mentor Performance Enhancement
- Audio and VoIP
- Open Integrated Solutions such as Video Analytics

The iSOC V5 unified solution provides maximum flexibility and control for system configuration, user privileges, administration, business rules, customization and integration to 3rd party solutions. Most importantly, it provides a single, seamless path for migration, upgrades and management.

Unification allows video, data and audio events to affect access control and vice versa. As a result, access control events such as access granted, access denied, doors forced open and many others are used to trigger recording of audio or video. Additionally, video or audio events such as motion, lost video signal, or analytics can be used to trigger responses such as locking down a particular area or denying access to all but high security personnel. Unlike Integrated Systems, users no longer have to worry about version control since the unified components are included in one single version.

**Beyond integration is unification.**



## Longitude IPAC

The Longitude IPAC software functions as a component of DVTel's iSOC or as a stand-alone system supporting the following applications:

- Access Control
- Alarm Monitoring
- Photo ID Badge Creation
- Time & Attendance
- Visitor Logging
- PLC for Criminal Courts/Correctional Institutions

The following features are available:

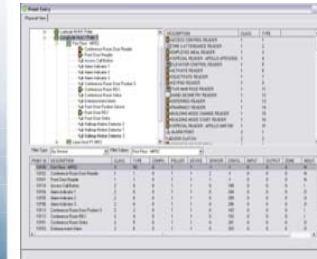
- Redundancy
- Identification Server
- External System Interfaces
- Windows-based Thick Client User Interface
- User Defined Automation
- Advanced Reporting
- Browser-based User Interface

Longitude IPAC is an IP-based system with the ability to integrate legacy technology such as serial card readers and analog cameras. IP cameras and IP card and biometric readers maximize reliability and survivability, while minimizing cost. IP Edge Readers are now readily available and can be installed at every door. The ever decreasing cost and universal adoption of IP technology has made it the solution of choice for security devices across the board including cameras, access control card and Biometric Readers.

Longitude IPAC software provides the ability to manage and control access to all types of portals, including, but not limited to, doors, turnstiles, vehicle gates, prison cells, man traps, and more. However, what sets Longitude IPAC apart is its ability to perform the complex logic required to process real world events, make instant decisions, provide notification to appropriate personnel, and perform automatic actions. This is software-based functionality, not proprietary firmware running in a proprietary microprocessor.

The software-based functionality of Longitude IPAC makes it extensible so that the system never becomes obsolete. Standard features include:

- Card, Pin, and/or Biometric Access Control
- Automatic Assignment of Access Privileges based on User Defined Fields
- Multiple Cards and Card Technologies per Person
- Anti-Passback, Two Man Rule, and Conditional Access
- Auto Open and Conditional Auto Open
- Mantrap/Interlock Control
- Building Mode Control (Arm/Disarm Alarms)
- Support for Integrating Legacy Hardware



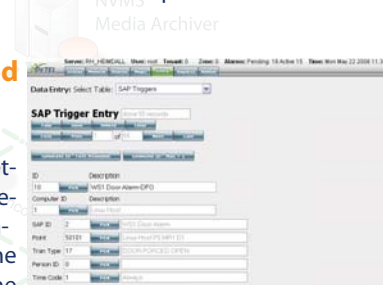
iSOCV5 Client

## Longitude IPAC User Defined Automation

Longitude IPAC is capable of meeting the most sophisticated requirements for automated decision-making and control. Some of the most powerful capabilities of the system are realized using the Security Automation Programming (SAP) feature, which allows the user to define a list of commands or a program that will be executed on receipt of a trigger.

## Longitude IPAC Hybrid Solution

Longitude IPAC supports legacy analog video and access control devices using Serial Communications Protocols such as RS232 or RS485. A Hybrid System is easily configurable using a combination of Serial and IP-based hardware. This type of solution is another option for migrating from an analog to digital system in an economical manner by using what you already own and expanding using state-of-the-art products.



Sensor Dome

Altitude IP Cameras

## Longitude IPAC Legacy Hardware Integration

Longitude IPAC is an open platform that supports the integration of legacy access control (serial or IP-Based) and video equipment (analog or digital). Support is available for:

**ACCESS** - Apollo, Checkpoint, Hirsch, Kodak, Lenel, Mercury, NexWatch, Northern, ProWatch, Recognition Systems, Rosslare, WSE (SE6000, 708, 808, 818, 422, 4100), and others

**CCTV/DVR/NVR** - American Dynamics, Bosch (Philips/Burle), Geutebruck, Integral, ObjectVideo, ONSSI, Pelco, Sony, Vicon, and others.

**AUDIO** - Axis, TOA

**ALARM** - Stellar, Radionics

New products are continually added. Open integration of products from other manufacturers minimizes investment and provides a migration path to IP-based technology.

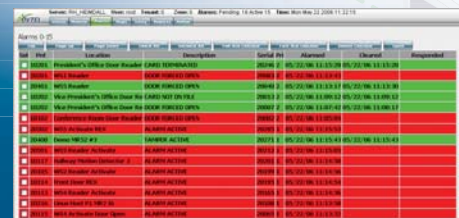


iSOCV5 Directory

## Longitude Network Appliance (LNA)

DVTel's LNA is the next generation, IP-based Master Control Panel and a complete system in-a-box. It provides access control, event-based video recording, and Programmable Logic Control (PLC) for high security environments in a single, compact platform. The LNA is fully integrated using HID or Mercury I/O modules and supports other manufacturer's access control panels and biometric devices as well as IP cameras for video.

The LNA has a built-in Linux Operating System and IP communications that allow it to function even if the network to the Host Computer is unavailable. Furthermore, the LNA can maintain alternate addressing to insure that it can communicate with a security server. If an LNA cannot communicate with one server it will automatically establish communications with another so that no down time is experienced. This built-in redundancy is a standard feature of the LNA.



## Longitude IPAC Alarm Monitoring

Longitude IPAC integrates alarms from a wide array of sources, including access control devices, alarm receivers, alarm monitoring input devices, video motion detection, video analytics, and input contacts on cameras, CCTV switchers, and audio intercom units. Users typically think of alarms as intrusion or panic events, but Longitude supports the defining of other events such as equipment failure, communication crashes, or even environmental situations as alarms. These alarms are reported through Longitude's powerful Graphical User Interfaces in a textual format or on Graphical Maps.

- Intrusion, Panic, Equipment Failure, Communications Failure, and Environmental Alarms
- Building Mode Control (Arm/Disarm Alarms)
- Alarm Receiver Support
- Graphical Monitoring and Control (Text or Maps)
- Real Time Alarm Servicing
- Alarm Routing by User