

Safety | Security | Surveillance



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Origin

Pinnacle International is a provider of safety, security and surveillance applications for the military, government and the private sector. Pinnacle's parent company, Al Khalif Trading, was established in Saudi Arabia in 1979 as a contractor and supplier to the petroleum industry in the Gulf and the Middle East, with Saudi ARAMCO, SABIC, Petromin Shell, PEMREF, National Menthol Company, SAMAD Fertilizer, Royal Commission for Jubail and Yanbu, SADAF and Jeddah Refinery as its major clients. Pinnacle was launched in 1998 as an agent for Al-Khalif in Asia.

Conventional Safety and Security Solutions

Over the last fourteen years, Pinnacle has gradually shifted its focus to safety and security solutions in Pakistan. With growing safety concerns across the country, Pinnacle International has upgraded its safety solutions to meet the constantly changing needs of law enforcement officers, the military, the private sector and civil society. Pinnacle's products and services include personal protection, armored vehicles, anti-ballistic applications for helicopter and marine carriers, evacuation and disaster management systems, premises security, pipeline security solutions, visitor management and access control systems.

ICT Applications and Solutions

As security solutions evolved to include information and communication technology (ICT) applications, Pinnacle expanded its products and services to include ICT solutions. Through a merger with **PakVista Technologies Pvt. Ltd.**, we are now able to provide turnkey solutions and help our clients develop, implement, manage and audit complete security and safety plans. In addition to technology-based security solutions, Pinnacle can also develop customized software and IP-based solutions in a variety of technologies, deployment and support structures. As its first step towards providing information security, Pinnacle is also a commercial reseller of **Kaspersky Lab** Anti-Virus.

Risk Management Solutions for Oil and Gas, Mining and Power Generation Industries

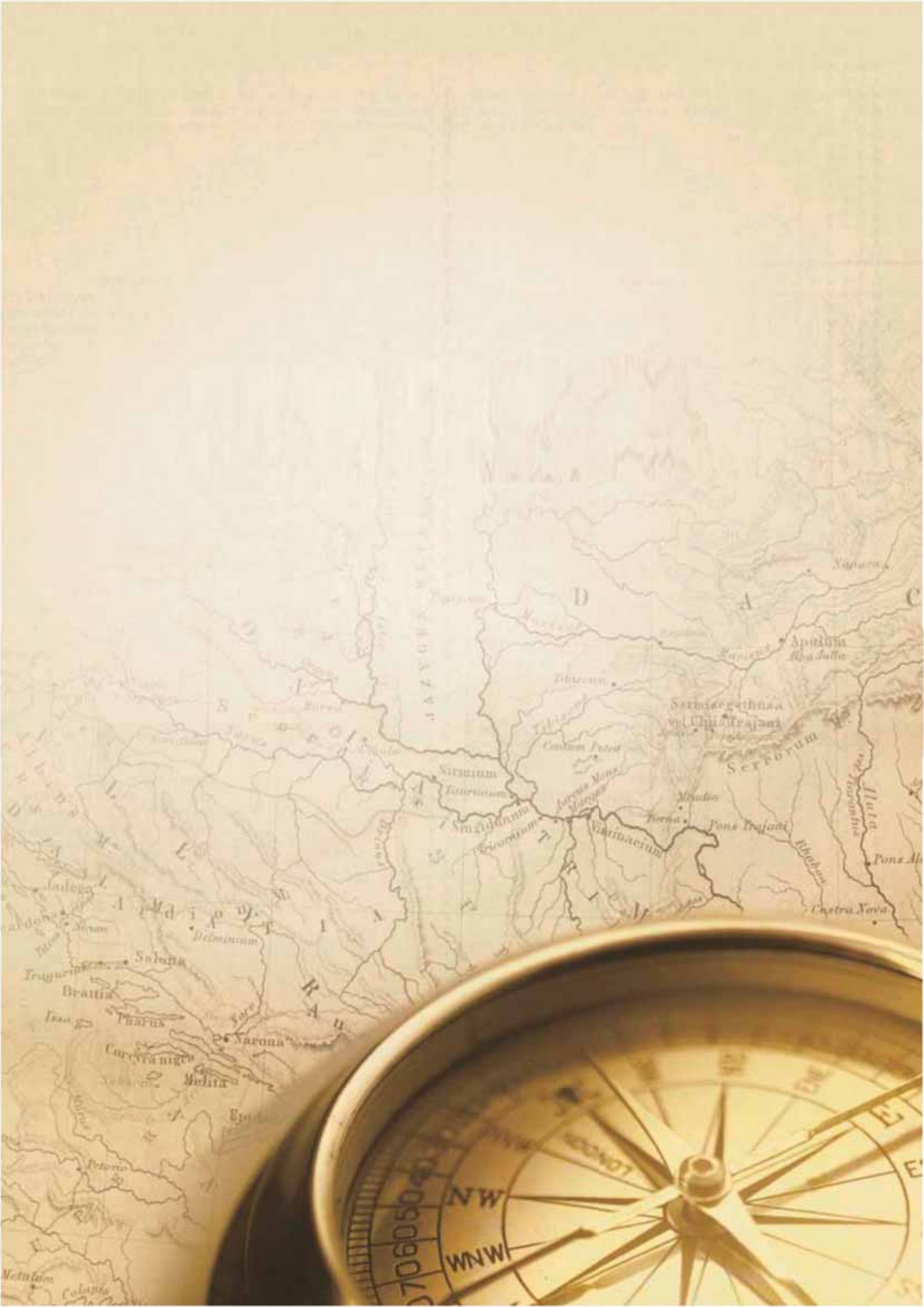
As a channel partner of **United Safety** (Canada) in Pakistan, Pinnacle provides integrated, long-term risk management solutions to the upstream and downstream sectors of the oil and gas industry as well as mining and power generation industries. Solutions include health, safety and environment (HSE) based risk consulting and development services, plant turnaround services, onshore/offshore drilling, well service activities and construction projects. United Safety's technical safety personnel is also experienced in delivering H2S safety services to its clients and their employees.

While Pinnacle's core clients include institutions and public and private sector organizations, we also eagerly deliver to domestic clients and small commercial entities

pinnacle: the highest point of development or achievement

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company profile

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About us

Pinnacle International, established in 2001, is a market-leading safety, security, surveillance and ICT solutions company, providing equipment, services and technical support and maintenance in our four areas of business. Our clients include the government, the armed forces, law enforcement organizations, and the private and non-government sector.

Our approach

Benefitting from the rapid evolution and integration of technologies, we have diversified our projects and services to meet our customers' specialized needs. Pinnacle approaches project management with a long-term perspective and we work closely with our partners so that our services meet their expectation. Our approach is customer oriented, and we provide end-to-end services, starting with planning and prioritization, extending to follow up support and technical assistance.

Because client satisfaction is a priority, we are equally committed to all our projects regardless of their scope and size. Our commitment to our clients is also evident in our low operation and management costs that enable us to keep prices lower than our competitors.

Our team

The Pinnacle team, from its CEO to its administrative staff, values efficient and high quality service delivery. The CEO is involved in all aspects of program management from business development and client relations to operations, meticulous service delivery, site visits and quality assurance. Our staff benefits from continuous on-site capacity building and is committed to high standards. In addition to a total of twelve full time team members, Pinnacle has short-term consultants and contractors to provide technical support and specialized guidance to different projects. Pinnacle also collaborates with vendors and partners on projects that can benefit from their expertise.



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Products & Services | Overview

Personal Protection | Bullet Proof Vests & Helmets, Hard Armor Plates, Bomb Blankets and Anti-riot Gear

Premises Security | Road Blockers, Under Vehicle Scanners, Closed Circuit TVs, Biometric Access Entry, Walk Through Gates, Metal Detectors, Guard Rooms, Sand Bags, Anti Blast Walls, Baggage Scanning Machines, Explosive Detection Systems, Glass Protection Film, and Bullet Resistant Glass provided by our channel partner AGP (USA)

Aviation Security | Channel partners in providing airport security, passenger and baggage screening, detection and identification of biological and chemical agents, radiological and nuclear threats, and explosives; ports and border security include freight and cargo screening, container and vehicle screening, passenger and bottle liquid screening

Visitor Management and Access Control System | Facial Features Eyes with Retinal Recognition Systems, Voice Recognition Software and Systems, Fingerprint Analysis and Hand Geometry Entry-based Access Control Systems

ICT Solutions | Commercial Reseller for Kaspersky Lab Anti-Virus, VOIP Telephony, E-fax, Video Communication, Conference Calling, Music on Hold, Software Development including Geographic Information Systems, Open Source Enterprise Solutions, Radio Frequency Identification & Access Management Systems, Object Oriented & Aspect Oriented Development using Java Platform, Microsoft Development Program, Oracle, My SQL & DB based solutions, Complete Turnkey Solutions involving our expertise in Project Management, Deployment & Integration, Operations & Maintenance

Fire Safety & Evacuation | Representing Safety Path System (Australia) for Photoluminescent Products, Signage, Stair-nosings, Paint, Tapes, Vests, Helmets, Arm Bands, Stadium Safety, Building Safety, Hotel Safety, Factory Safety, Fire Safety, Fire Fighting Manpower & Equipment etc.

Jamming & Interception Equipment | Radio Controlled Improvised Explosive Device Jammers, GSM Interceptors and Telecommunication Jammers

Armored Vehicles | Retrofitting, Service & Maintenance on standard Personal Vehicles, Import and Renting of Soft Skin, B6/B7 Level SUVs and Hiluxes

Aircraft & Marine Applications | Armoring Solutions for Helicopters, Resistant Glass for Helicopters, and Marine Bullet Resistant Glass Applications

Pipeline Security | Pipeline Locator Security Systems, Noise and Motion Sensors, Monitoring and Control, Alarm Controls for Multiple Sensors, Software Monitors, Early Warning Systems, Thermal and Distortion Sensors

Parking & Traffic Management Solutions | Parking Meters/Pay and Display Machines, iPMS (Intelligent Parking Management System), PGS (Parking Guidance System), Traffic Sensors, Traffic Signals, Consultancy Services by our subsidiary PinnaCom and partner Shenzhen Horoad (China)

Water Sanitation | EcoTabs are multi-functional tablets that oxygenate wastewater, gradually bring bio chemical oxygen demand (BOD) levels down by ninety percent, removes hydrogen sulfide odors, prevent corrosion and initiate aerobic biological break-down of sludge, natural oils and grease. Their application is especially effective in rivers, streams, ravines, lagoons, waste water treatment plants (WWTPs), and septic tanks.

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Emergency & Relief | Tents & Shelters for make -shift Hospitals and Schools, Flooring & Latrines, Atmospheric Water Generators (AWG), Ready -To-Eat Tin-canned Food Supplies, Water Straws, Jerry Cans and BGANS (Broadband Global Area Network) providing connectivity to affected areas through satellite enabling Voice, Data, Texting, E -mailing, Video Conferencing for Medical Consultations and Relief Operations, Argo -- amphibian 4x4 vehicle for flood affected areas used for ambulance or general commute

Oil & Gas Safety Services | Pinnacle provides integrated, long-term risk management solutions to the upstream and downstream sectors of the oil and gas industry as well as mining and power generation industries. Solutions include health, safety and environment (HSE) based risk consulting and development services, plant turnaround services, onshore/offshore drilling, well service activities and construction projects. United Safety's technical safety personnel is also experienced in delivering H2S safety services to its clients and their employees.



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products & services

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KASPERSKY Antivirus
Information Assurance
Threat Intelligence Platform
Security Awareness Programs
Distributed Denial of Service (DDoS)



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Information security, sometimes shortened to InfoSec, is the practice of preventing unauthorized access, use, disclosure, recording or destruction, inspection, disruption, modification of information. It is a general term that can be used regardless of the form the data may take (e.g. electronic, physical).

Pinnacle International is a silver partner of in Kaspersky lab providing premium protection against viruses, malware, spam & other threats for your home or business through its antivirus & internet security software.

KASPERSKY

Pinnacle International is also strategic partner of Trillium Information Security Systems in the field of information Assurance using four business lines each represented by a dedicated brand

trillium
Information Security Systems



TRIAM



TISP



TRISOL
information assurance solutions

Pinnacle International ensures protection against various threats to your it database while securing all your sensitive correspondence and data within organizations and outside at times in the interest of national security as well as we feel it is highly important to secure your systems from external threats such as malware and other hacking methods.

Cybersecurity is the body of technologies, processes and practices designed to protect networks, computers, programs and data from attack, damage or unauthorized access. In a computing context, security includes both cybersecurity and physical security.



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Pinnacle International is a strategic partner of  in the field of Information Assurance using four business lines each represented by a dedicated brand:



With almost a decade of experience, expertise and leadership in the information security market, Trillium Information Security Systems (Pvt.) Ltd. has launched Pakistan's first and only Specialized Information Security Service Provider Brand "TRIAM".

TRIAM's portfolio of information security services includes Threat Intelligence Services "T-Eye", Managed Security Services "T-SOC", Security Assessment Services "T-SAS" and Consultancy Services "T-CON". Our portfolio of information security services is backed by the leading minds of the industry and our team has an accumulated experience of over 150 years of successfully delivering information security services to the leading enterprises from all industry verticals of Pakistan.

In addition to our industry experience, TRIAM researchers have also published over 45 research papers thereby enabling TRIAM to explore, study and understand the niche areas of the information security domain. TRIAM is therefore launched as the one of the region's most skilled and experienced information security service provider.



Trillium Institute of Security Professionals (TISP) is a sub-brand of TISS designed to counter information security threats by educating those who are in the field of information security through performance based, hands-on information security training programs.

We offer Instructor led classroom training, international certifications, self-paced awareness videos, learning management and assessment as well as awareness messaging tools



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A perfect blend of technology fused with customization, and innovation with intellectual talent - that's precisely what TriSol is all about!

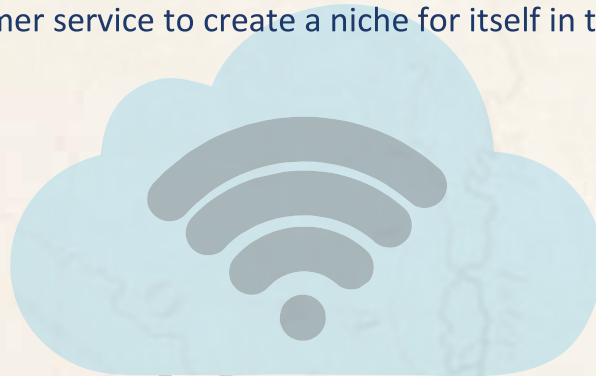
In Association with The Industry's Leading Brands, We help organizations achieve assurance in their Operations & Security.

TriSol is aggressively focused on staying at the pinnacle of the cross-brand system integration industry, and is undoubtedly a leading player in Information Assurance Solutions implementation & integration in the region.



Trisect believes in commitment, support and innovation to ensure the longevity of relationships with its partners!

Trisect is the Leading Value Added Distributor of IT Security across the region. Trisect has invested in its Intrinsic Strength in channel development, Technical Skills and customized customer service to create a niche for itself in the Solutions Distribution space.



...securing your journey over land to the cloud



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► KASPERSKY ENDPOINT SECURITY FOR BUSINESS Advanced

Security tools combined with IT optimization features abound in this valuable array of solutions from Kaspersky Lab.

Kaspersky's Advanced tier delivers the protection and management solution your organization needs to enforce IT policy, keep users free from malware, prevent data loss, and enhance IT efficiency.

The Protection and Management Capabilities You Need.

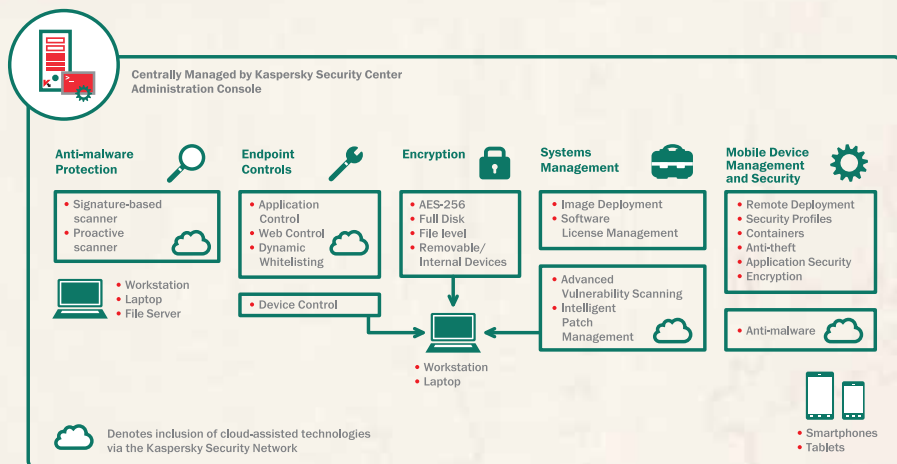
Kaspersky has built powerful enterprise-class features into the progressive tiers of our offerings, but we've made the technology uncomplicated and simple enough for any sized business.

Which Tier is Right for You?

- CORE
- SELECT
- **ADVANCED**
- TOTAL

FEATURES INCLUDED:

- ANTI-MALWARE
- FIREWALL
- CLOUD-ASSISTED PROTECTION VIA KASPERSKY SECURITY NETWORK
- APPLICATION CONTROL
- APPLICATION WHITELISTING
- WEB CONTROL
- DEVICE CONTROL
- FILE SERVER PROTECTION
- MOBILE DEVICE MANAGEMENT (MDM)
- MOBILE ENDPOINT SECURITY (FOR TABLETS AND SMARTPHONES)
- ENCRYPTION
- SYSTEMS CONFIGURATION AND DEPLOYMENT
- NETWORK ADMISSION CONTROL
- ADVANCED VULNERABILITY SCANNING
- PATCH MANAGEMENT



► THE INDUSTRY'S ONLY TRUE SECURITY PLATFORM

One Management Console

From one 'single pane of glass', the administrator can view and manage the entire security scene — virtual machines, physical and mobile devices alike.

One Security Platform

Kaspersky Lab developed our console, security modules and tools in-house rather than acquiring them from other companies. This means the same programmers working from the same codebase have developed technologies that talk together and work together. The result is stability, integrated policies, useful reporting and intuitive tools.

One Cost

All tools are from one vendor, delivered in one installation — so you don't have to go through a new budgeting and justification process to bring your security risks in line with your business objectives.



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ENCRYPTION AND DATA PROTECTION:

COMPREHENSIVE ENCRYPTION

Choose from full-disk or file level, backed by Advanced Encryption Standard (AES) with 256 bit encryption to secure critical business information in the event of device theft or loss.

SUPPORT FOR REMOVABLE DEVICES

Increases your security through policies that enforce the encryption of data on removable devices.

SECURE DATA SHARING

Means users can easily create encrypted and self-extracting packages to ensure data is protected when sharing via removable devices, email, network or web.

TRANSPARENCY FOR END-USERS

Kaspersky's encryption solution is seamless and invisible to users, and has no adverse impact on productivity. No impact on application settings or updates, either.

ENDPOINT CONTROLS:

APPLICATION CONTROL

Enables IT administrators to set policies that allow, block or regulate applications (or application categories).

DEVICE CONTROL

Allows users to set, schedule and enforce data policies with removable storage and other peripheral device controls — connected to USB or any other bus type.

WEB CONTROL

Means that endpoint-based surfing controls follow the user — whether on the corporate network or roaming.

DYNAMIC WHITELISTING

Real-time file reputations delivered by the Kaspersky Security Network ensure your approved applications are malware free and help maximize user productivity.

ENDPOINT PROTECTION FEATURES:

SUPERIOR ENDPOINT ANTI-MALWARE

Industry-proven traditional signature-based, proactive and cloud based methods for detecting malware threats.

CLOUD-ASSISTED PROTECTION

The Kaspersky Security Network (KSN) provides a response to suspected threats, much faster than traditional methods of protection. KSN's response time to a malware threat can be as little as 0.02 seconds!

SYSTEMS CONFIGURATION AND PATCH MANAGEMENT:

PATCH MANAGEMENT

Advanced in-depth scanning for vulnerabilities combined with the automated distribution of patches.

REMOTE DEPLOYMENT OF SOFTWARE

Central deployment of software to client machines, even to branch offices.

NETWORK ADMISSION CONTROL (NAC)

With Network Admission Control (NAC), you can create a network 'guest' policy. Guest devices (including mobile devices) are automatically recognized and sent to a corporate portal where the correct identification password enables them to use the resources you've approved.

OPERATING SYSTEM AND APPLICATION IMAGE DEPLOYMENT

Easy creation, storage and deployment of system images from a central location. Perfect for migration to Microsoft® Windows® 8.

HARDWARE, SOFTWARE AND LICENSE MANAGEMENT

Hardware and software inventory reports help keep control over software license obligations. So you can save on costs by centrally provisioning software rights.

MOBILE SECURITY FEATURES:

INNOVATIVE ANTI-MALWARE TECHNOLOGIES

Combined signature-based, proactive and cloud-assisted detection results in real-time protection. A safe browser and anti-spam increase the security.

DEPLOYMENT WITH OVER THE AIR (OTA) PROVISIONING

Preconfigure and deploy applications centrally using SMS, email and PC.

REMOTE ANTI-THEFT TOOLS

SIM-Watch, Remote Lock, Wipe and Find all prevent unauthorized access to corporate data if a mobile device is lost or stolen.

APPLICATION CONTROL FOR MOBILE DEVICES

Monitors applications installed on a mobile device according to the pre-defined group policies. Includes a "Mandatory Application" group.

SUPPORT FOR EMPLOYEE OWNED DEVICES

BYOD initiative? Corporate data and applications are isolated in encrypted containers which are transparent to the user. This data can be wiped separately.

NOT ALL FEATURES ARE AVAILABLE ON ALL PLATFORMS.
For details, please consult www.kaspersky.com

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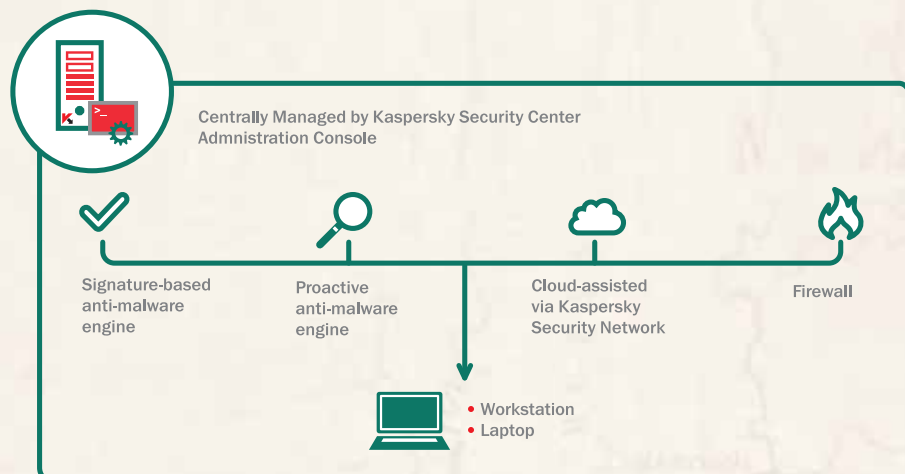
► KASPERSKY ENDPOINT SECURITY FOR BUSINESS Core

Award-winning anti-malware with centralized deployment, management and reporting.

A layered security model begins with best of breed anti-malware. Because Kaspersky has long been known as the leader in detection and removal of malicious software, there is no better foundation. The Kaspersky Endpoint Security for Business 'Core' tier is centrally managed by the Kaspersky Security Center and is assisted by the cloud-based Kaspersky Security Network.

The Protection and Management Capabilities You Need.

Kaspersky has built powerful enterprise-class features into the progressive tiers of our offerings, but we've made the technology uncomplicated and simple enough for any sized business.



Which Tier is Right for You?

- CORE
- SELECT
- ADVANCED
- TOTAL

FEATURES INCLUDED:

- ANTI-MALWARE
- FIREWALL
- CLOUD-ASSISTED PROTECTION VIA KASPERSKY SECURITY NETWORK
- CENTRALIZED MANAGEMENT VIA KASPERSKY SECURITY CENTER

KEY FEATURES:

POWERFUL ENDPOINT ANTI-MALWARE

Kaspersky's scanning engines operate at multiple levels in the operating system, rooting out malware.

CLOUD-ASSISTED PROTECTION

With the cloud-based Kaspersky Security Network, users are protected in real time against new threats.

CENTRALIZED MANAGEMENT

Administrators can remove existing antivirus software, configure and deploy Kaspersky, and perform reporting — all from the same console.



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CENTRAL MANAGEMENT FEATURES:**ONE CENTRAL CONSOLE**

For remote management of all your Kaspersky protected endpoints.

INTUITIVE USER INTERFACE

Clear, actionable information in an uncluttered dashboard allows administrators to view real-time protection status, set policies, manage systems and obtain reports.

WEB INTERFACE

Remotely monitors protection status and reports on key events from an accessible interface.

SCALABLE SUPPORT

Whatever your infrastructure size, Kaspersky Security Center offers deployment and management tools, flexible policy options and robust reporting to meet your growing needs.

ENDPOINT PROTECTION FEATURES:**FREQUENT UPDATES AND SIGNATURE-BASED PROTECTION**

Industry-proven traditional signature-based method for detecting malware threats.

BEHAVIORAL ANALYSIS PERFORMED BY SYSTEM WATCHER

Delivers proactive protection against threats that have not yet been recorded in signature databases.

HOST-BASED INTRUSION PREVENTION SYSTEM (HIPS) WITH PERSONAL FIREWALL

Predefined rules for hundreds of the most common applications reduce time spent on configuring the firewall.

CLOUD-ASSISTED PROTECTION

The Kaspersky Security Network (KSN) provides a response to suspected threats, much faster than traditional methods of protection. KSN's response time to a malware threat can be as little as 0.02 seconds!

BROAD PLATFORM SUPPORT

Kaspersky offers endpoint security for Windows®, Macintosh® and Linux®, easing the workload of the administrator supporting diverse networks.

► THE INDUSTRY'S ONLY TRUE SECURITY PLATFORM.**One Management Console**

From one 'single pane of glass', the administrator can view and manage the entire security scene — virtual machines, physical and mobile devices alike.

One Security Platform

Kaspersky Lab developed our console, security modules and tools in-house rather than acquiring them from other companies. This means the same programmers working from the same codebase have developed technologies that talk together and work together. The result is stability, integrated policies, useful reporting and intuitive tools.

One Cost

All tools are from one vendor, delivered in one installation — so you don't have to go through a new budgeting and justification process to bring your security risks in line with your business objectives.

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For details, please consult www.kaspersky.com

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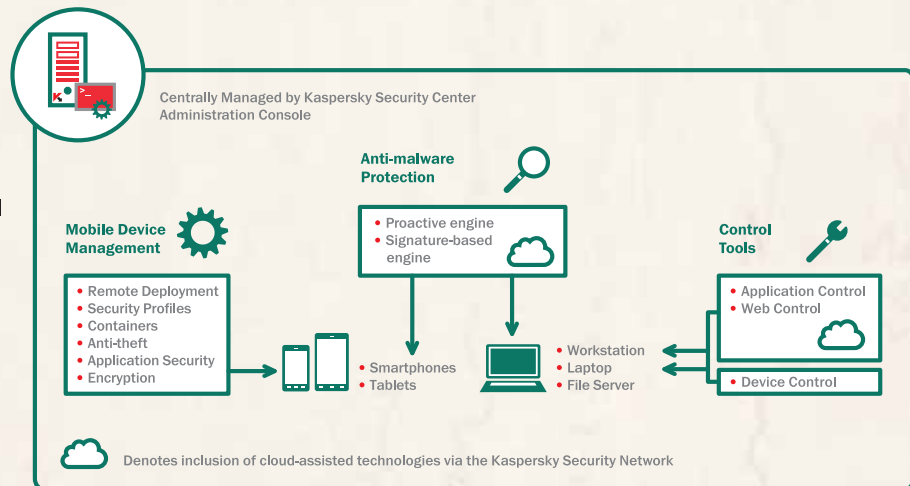
► KASPERSKY ENDPOINT SECURITY FOR BUSINESS Select

Tools to enable a mobile workforce, ensure IT security policy conformity and block malware.

Kaspersky's 'Select' tier includes mobile device deployment and protection via Mobile Device Management (MDM) and mobile anti-malware. Endpoint control tools (web, device and application) help your organization enforce IT policy, keeping the essential elements of your IT environment secure.

The Protection and Management Capabilities You Need.

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Which Tier is Right for You?

- CORE
- **SELECT**
- ADVANCED
- TOTAL

FEATURES INCLUDED:

- ANTI-MALWARE
- FIREWALL
- CLOUD-ASSISTED PROTECTION VIA KASPERSKY SECURITY NETWORK
- APPLICATION CONTROL
- APPLICATION WHITELISTING
- WEB CONTROL
- DEVICE CONTROL
- FILE SERVER PROTECTION
- MOBILE DEVICE MANAGEMENT
- MOBILE ENDPOINT SECURITY (FOR TABLETS AND SMARTPHONES)

KEY FEATURES:

POWERFUL ENDPOINT ANTI-MALWARE

Kaspersky's 'best of breed' scanning engine operates at multiple levels in the operating system, rooting out malware. The cloud-based Kaspersky Security Network (KSN) protects users in real time against new threats.

FLEXIBLE, GRANULAR CONTROL TOOLS

A cloud-based, categorized database of safe and unsafe applications and websites helps the administrator to set and enforce policies for applications and web surfing, while granular controls ensure that only specific devices can plug in to machines on the network.

EFFICIENT MOBILE DEPLOYMENT AND SECURITY FOR SMARTPHONES AND TABLETS

Agent-based mobile security is available for Android™, BlackBerry®, Symbian and Windows® Mobile devices. Mobile device policies and software can be securely deployed over the air to these and to iOS devices through Kaspersky MDM.

VULNERABILITY SCANNER

Tuned to flag hardware and software vulnerabilities which could be exposed to an attack.



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ENDPOINT PROTECTION FEATURES:**FREQUENT UPDATES AND SIGNATURE-BASED PROTECTION**

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MOBILE SECURITY FEATURES:**INNOVATIVE ANTI-MALWARE TECHNOLOGIES**

Combined signature-based, proactive and cloud-assisted detection results in real-time protection. A safe browser and anti-spam increase the security.

DEPLOYMENT WITH OVER THE AIR (OTA) PROVISIONING

The ability to pre-configure and deploy applications centrally using SMS, email and PC.

REMOTE ANTI-THEFT TOOLS

SIM-Watch, Remote Lock, Wipe and Find all prevent unauthorized access to corporate data if a mobile device is lost or stolen.

APPLICATION CONTROL FOR MOBILE DEVICES

Monitors applications installed on a mobile device according to the pre-defined group policies. Includes a "Mandatory Application" group.

SUPPORT FOR EMPLOYEE OWNED DEVICES

Corporate data and applications are isolated in encrypted containers which are transparent to the user. This data can be wiped separately.

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► KASPERSKY TOTAL SECURITY FOR BUSINESS

Encryption, comprehensive IT efficiency and policy enforcement tools, plus end-to-end protection against malware.

Kaspersky Total Security for Business delivers the most complete platform of protection and management offered in the industry today. Total Security for Business secures every layer of your network and includes powerful configuration tools to ensure your users are productive and free from the threat of malware regardless of device or location.

The Protection and Management Capabilities You Need.

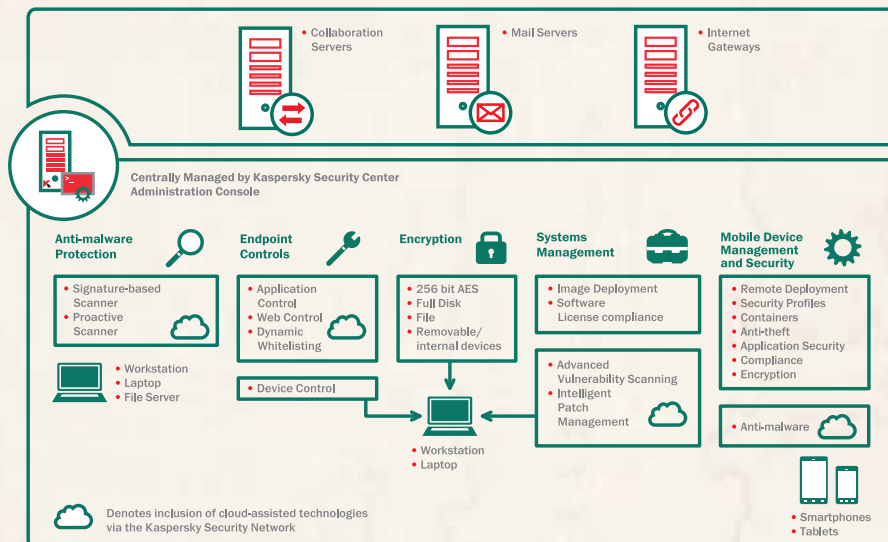
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- APPLICATION WHITELISTING
- WEB CONTROL
- DEVICE CONTROL
- FILE SERVER PROTECTION
- MOBILE DEVICE MANAGEMENT (MDM)
- MOBILE ENDPOINT SECURITY (FOR TABLETS AND SMARTPHONES)
- ENCRYPTION
- SYSTEMS CONFIGURATION AND DEPLOYMENT
- ADVANCED VULNERABILITY SCANNING
- NETWORK ADMISSION CONTROL
- PATCH MANAGEMENT
- MAIL SERVER SECURITY
- WEB / INTERNET GATEWAY PROTECTION
- COLLABORATION SERVER SECURITY



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MOBILE SECURITY FEATURES:**INNOVATIVE ANTI-MALWARE TECHNOLOGIES**

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SUPPORT FOR EMPLOYEE OWNED DEVICES

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SIM-Watch, Remote Lock, Wipe and Find all prevent unauthorized access to corporate data if a mobile device is lost or stolen.

APPLICATION CONTROL FOR MOBILE DEVICES

Monitors applications installed on a mobile device according to the pre-defined group policies. Includes a "Mandatory Application" group.

ENDPOINT PROTECTION:**SUPERIOR ENDPOINT ANTI-MALWARE**

Industry-proven traditional signature-based, proactive and cloud based methods for detecting malware threats.

CLOUD-ASSISTED PROTECTION

The Kaspersky Security Network (KSN) provides a response to suspected threats, much faster than traditional methods of protection. KSN's response time to a malware threat can be as little as 0.02 seconds!

SYSTEMS CONFIGURATION AND PATCH MANAGEMENT:**PATCH MANAGEMENT**

Advanced in-depth scanning for vulnerabilities combined with the automated distribution of patches.

REMOTE DEPLOYMENT OF SOFTWARE

Central deployment of software to client machines, even to branch offices.

NETWORK ADMISSION CONTROL (NAC)

With Network Admission Control (NAC), you can create a network 'guest' policy. Guest devices (including mobile devices) are automatically recognized and sent to a corporate portal where the correct identification password enables them to use the resources you've approved.

OPERATING SYSTEM AND APPLICATION IMAGE DEPLOYMENT

Easy creation, storage and deployment of system images from a central location. Perfect for a migration to Microsoft® Windows® 8.

HARDWARE, SOFTWARE AND LICENSE MANAGEMENT

Hardware and software inventory reports help keep control over software license obligations. So you can save on costs by centrally provisioning software rights.

MAIL, COLLABORATION AND WEB SECURITY:**MAIL SERVER PROTECTION**

Protects mail on the latest versions of major mail and collaboration platforms: Microsoft® Exchange, IBM®, Lotus® Domino® and Linux®-based mail servers.

SECURITY FOR INTERNET GATEWAYS

Ensures secure Internet access across the organization by automatically removing malicious and potentially hostile programs in HTTP(S) / FTP / SMTP and POP3 traffic.

VIRTUAL ELIMINATION OF SPAM

Using Kaspersky's cloud-based technology, updates are pushed immediately — reducing spam's ability to become an epidemic. Suspected emails are held and re-checked, which increases the capture rate — and reduces false positives.

COLLABORATION SECURITY

Kaspersky defends your SharePoint® servers against malware, while content and file filtering capabilities help prevent the storage of inappropriate content.

ENDPOINT CONTROLS:**APPLICATION CONTROL**

Enables IT administrators to set policies that allow, block or regulate applications (or application categories).

DEVICE CONTROL

Allows users to set, schedule and enforce data policies with removable storage and other peripheral device controls — connected to USB or any other bus type.

WEB CONTROL

Means that endpoint-based surfing controls follow the user — whether on the corporate network or roaming.

DYNAMIC WHITELISTING

Real-time file reputations delivered by the Kaspersky Security Network ensure your approved applications are malware free and help maximize user productivity.

ENCRYPTION AND DATA PROTECTION:**COMPREHENSIVE ENCRYPTION**

Choose from full-disk or file level, backed by Advanced Encryption Standard (AES) with 256 bit encryption to secure critical business information in the event of device theft or loss.

SUPPORT FOR REMOVABLE DEVICES

Increases your security through policies that enforce the encryption of data on removable devices.

SECURE DATA SHARING

Means users can easily create encrypted and self-extracting packages to ensure data is protected when sharing via removable devices, email, network or web.

TRANSPARENCY FOR END-USERS

Kaspersky's encryption solution is seamless and invisible to users, and has no adverse impact on productivity. No impact on application settings or updates, either.

NOT ALL FEATURES ARE AVAILABLE ON ALL PLATFORMS.
For details, please consult www.kaspersky.com

KESB-TOT/Version 0.2/Nov12/Global

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KASPERSKY Lab

protecting lives



**...protection for your home or
business, we've got it covered**



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KASPERSKY PRODUCTS ON MONTHLY BASIS

Internet Service Providers | Mobile Service Providers

With more and more IT security breaches being reported in the press, consumers are keen to find better ways to protect their privacy, money and digital assets from malware and Internet-based attacks. Whether you're an Internet Service Provider, Mobile Communications Provider, Bank, Insurance Company, Financial Services Provider or Games Community – or you deliver almost any other type of online service to customers or subscribers – Kaspersky Lab can help you to boost your revenues, by meeting your customers' demands for greater security.

Service Benefits

The anti-malware software is one of the most popular software categories among private customers. Its sales demonstrate a steady YoY growth.

By partnering with Kaspersky Lab – a world-leader in cybersecurity products – you can offer your customers a value-added service that:

- ▶ New sources of recurring profits for all types of xSP – for consumers and corporate clients
- ▶ Build image of Company that cares about the security of the customers and chooses expert solutions
- ▶ Reduced workload on the support team
- ▶ Low cost, quick and easy implementation and support:
 - The solution doesn't require any dedicated infrastructure in the xSP's side;
 - The solution uses the newest and most advanced versions of anti-malware products. The migration to new versions proceeds automatically once they become available.

Approach to business cooperation

As part of Kaspersky Subscription Services, the Operator's subscribers become able to use the following Kaspersky Lab products:

For your consumer customers:

- ▶ Kaspersky Anti-Virus;
- ▶ Kaspersky Internet Security;
- ▶ Kaspersky Total Security;

For your corporate customers:

- ▶ Kaspersky Small Office Security;



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KASPERSKY

DDoS Protection

Keep your business running... smoothly

- ▶ Global network of data traffic 'cleaning centers'
- ▶ Seamless integration with no additional hardware
- ▶ Protection from the most complex and high-volume attacks

How DDoS affects you?

When hackers or cybercriminals launch a Distributed Denial of Service (DDoS) attack, the damage – and the costs – can be devastating for the business that's being targeted. DDoS attacks are used to disable the targeted organization's online presence or key business processes – and that can have long lasting impact for the victim. Is your business doing all it can to achieve effective DDoS attack protection?

Keeping your business online

With online activities playing an increasingly important role in virtually every business's day-to-day interactions with customers, suppliers and employees, no business can afford to ignore today's growing DDoS risks. Your online services – and all of your IT infrastructure – are just too important to leave unguarded:

- ▶ Your customers are more demanding than ever
- ▶ They expect 'always on' access to products and services – and that means unplanned downtime isn't an option if your business is going to keep hitting its targets for customer satisfaction levels
- ▶ Your own team needs reliable access to key services
- ▶ Many of your employees simply can't perform their work tasks if any of your critical systems are taken out of action by a DDoS attack
- ▶ The effects of an attack can be far-reaching

Even though the attack may be targeting a specific element of your infrastructure, it could affect other areas of your business. For example, an attack against a bank's internal systems could also disable its entire network of ATMs (Automated Teller Machines).



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The direct financial costs of recovering from a DDoS attack can be massive... and the reputational damage can keep adding to those costs over the long term:

- ▶ Direct financial costs
- ▶ Failed sales transactions – during downtime periods
- ▶ Failed online banking transactions – with possible penalties
- ▶ Your own team needs reliable access to key services
- ▶ Negative publicity that dissuades existing customers and potential clients
- ▶ Damage to your business brand – that could take years to recover from

Confusion causes even more damage

If your business is subjected to a DDoS attack, it could also suffer additional losses that result from misconceptions about exactly what a DDoS attack is – and how it could affect your customers. Even though DDoS attacks are unlikely to have any effect on your customers' security, can you be sure your customers will understand this?

Whenever customers hear about a 'security incident' – any security incident – some may fear that their confidential information, bank details and credit card numbers could be at risk. Even though these fears may be totally illogical – and stem from customers' misunderstandings about the nature of DDoS attacks – your business could still suffer.

Solution benefits

Defending against the most complex DDoS attacks doesn't have to be a complex task for your business.

When you choose Kaspersky DDoS Protection, you're effectively 'giving your entire DDoS attack protection problem to Kaspersky Lab'.

With Kaspersky Lab's integrated defenses on board, your IT and security teams are free to focus on your core business activities – safe in the knowledge that you've got multi-layered defenses against the most sophisticated attacks.

Greater visibility - across your business

Although no one can stop cybercriminals targeting your business, Kaspersky Lab is ideally placed to deliver a rapid response to any DDoS attack. Then – after we've defended you against the attack and mitigated the effects – we'll deliver detailed, post-attack analysis and reporting on exactly:

- ▶ What happened
- ▶ How long it lasted
- ▶ How Kaspersky DDoS Protection dealt with the attack

... so every level of your business benefits from clear visibility of the issues.





**RAZOR WIRE FENCE
CCTV CAMERAS
ANTI SHATTER FILMS
GLASS PROTECTION
BULLET RESISTANT GLASS
SAND GABION
GUARD POSTS**



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RAZOR WIRE FENCE

Razor wire fences are used to enhance security. Blades for razor wire have three types: long blades, short blades and medium sized blades.

Razor wire is supplied in electro galvanized, hot-dipped galvanized or stainless steel materials. Our razor wire is in the form of straight line, crossed razor wire or concertina coils.

Straight type razor wire: straight from spiral razor barbed wire. It is easy to install while saving the cost.

CCTV CAMERAS

CCTV cameras closed-circuit television (cctv) cameras can produce images or recordings for surveillance purposes, and can be either video cameras, or digital stills cameras. There are many types of cctv cameras. They can be categorized by the types of images they are able to capture, the amount of frames they can take per minute, the type of connection to the monitor or video recording device, whether they are able to move position, and special functions they can provide.

Types of images: cctv cameras generally take both black and white or color video images. In addition, many cctv cameras even have night vision capabilities that allow a cctv camera to view and record low light images using special technology.

ANTI SHATTER WINDOW FILM

Anti Shatter window film is available in safety, security & bomb blast protection standards. They are designed to hold the glass in place under impact. The film is invisible to the eye and therefore doesn't impair vision in any way whilst protecting family, employees or the public from injury and even death from flying shards of glass.

Anti shatter film improves personal and asset protection from terrorist attacks, blasts, hurricanes, accidents and earthquakes. Increases personal safety from flying glass. Deters smash and grab burglaries. Reduces fading and helps protect furnishings. These films come in different thicknesses which are measured in microns.

Bulletproof glass

Bulletproof glass (also known as ballistic glass, transparent armor or bullet-resistant glass) is a type of strong but optically transparent material that is particularly resistant to being penetrated when struck by bullets, but like all known materials, is not completely impenetrable. It is usually made from a combination of two or more types of glass, one hard and one soft. The softer layer makes the glass more elastic, so it can flex instead of shatter. The index of refraction for both of the glasses used in the bulletproof layers must be almost the same to keep the glass transparent and allow a clear view (not distorted) through the glass. Bulletproof glass varies in thickness from three-quarter inch to three inches.

Bullet resistant glass is often used in armored vehicles, buildings, navy vessels, guard posts, etc.

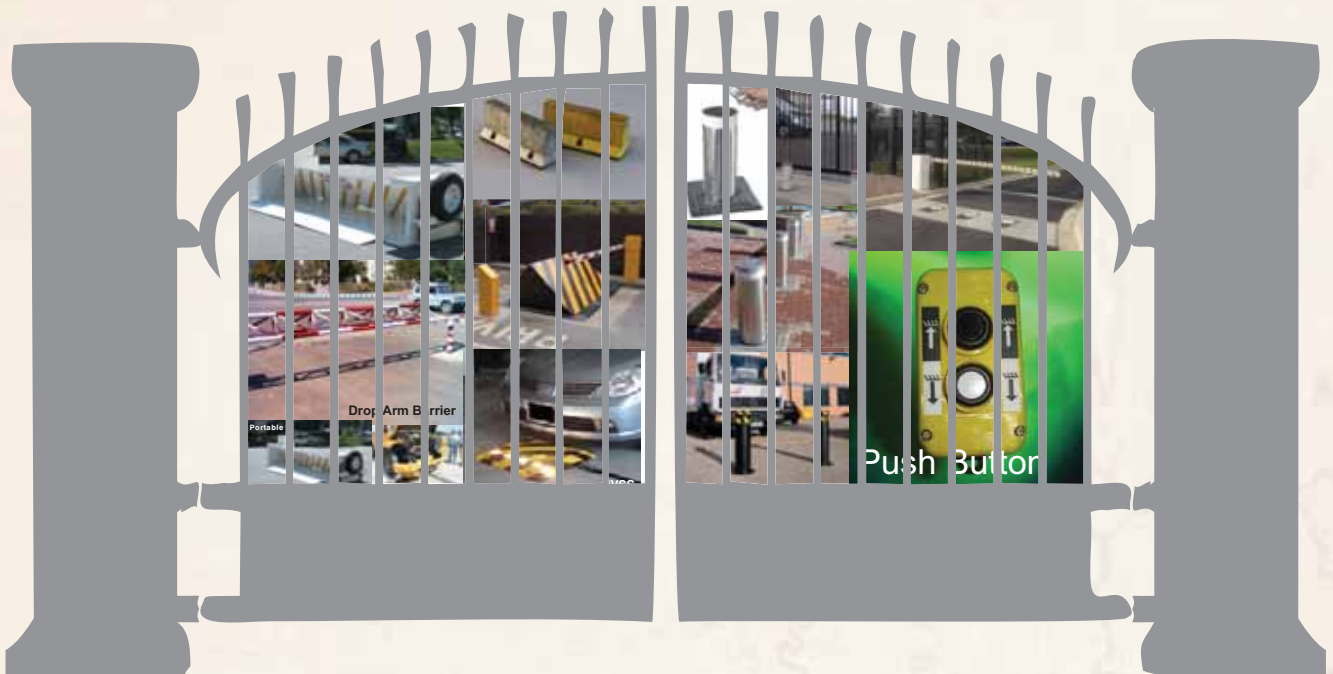
SAND GABIONS

Sand Gabions are used for flood control and military fortification to provide high security and decrease the threat level of bomb explosions outside the perimeter walls. It is made of a collapsible wire mesh container and heavy duty fabric liner, and used as a temporary to semi-permanent dike or barrier against blast or small-arms. It has seen considerable use in Iraq and Afghanistan.

GUARD POSTS:

Guard Posts having a safe post for those guards who secure your perimeter is as essential as taking security measures for your own self. Our guard posts are made of either ballistic steel or fiberglass, depending on the threat levels around your environment. They can easily be deployed and transported.





**BOLLARDS
ROAD BLOCKERS
JERSEY BLOCKERS
DROP ARM BARRIER
UNDER VEHICLE SCANNING SYSTEMS**



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Bollards

A bollard is a short vertical post that can be lowered entirely below the road surface to enable traffic to pass, or raised to block traffic. Rising bollards are used to secure sensitive areas from attack, to enforce traffic rules that are time related or restrict access to particular classes of traffic. They are increasingly common around the world to hinder vehicle-based terrorists from achieving close proximity to buildings. A retractable bollard is a short post that can be automatically or manually lowered into the ground when not needed. It is especially useful in a mixed-use public space that supports pedestrian traffic and emergency and/or service vehicle use. Retractable bollards are more inconspicuous, sleek and easy to manage than conventional road blockers, yet they provide higher levels of security.

Road Blockers

Road blockers are an effective means of controlling vehicular access to high security areas. They enable vehicle verification and prevent forced, unauthorized entry. Access is granted and the blocker is lowered only upon a clear identification of passenger credentials. Using a hydraulic mechanism

Jersey Blockers

Our modular concrete Jersey barrier can be used to separate lanes of traffic. It is designed to minimize vehicle damage in cases of incidental contact while still preventing crossover in the case of head-on accidents. Our clients have utilized this product extensively to re-route traffic and protect pedestrians during highway construction. These barriers are increasingly deployed in anti-terrorism roles as both quick fixes and semi-permanent protections against perceived landborne threats.

Hydraulic Drop Arm Barriers

General Description

Drop Arm Barriers are designed especially for entrances where there is a threat of suicide vehicle attack, or for the entrances that have high security requirements. If there is a threat of vehicle attack in addition to the control of vehicle access in high security applications, hydraulic drop arm barriers are one of the best and most secure solutions. Our drop arm barriers can be manually operated or using hydraulic technology.





**BULLET PROOF VESTS
HARD ARMOR PLATES
BULLET PROOF HELMETS
ANTI RIOT GEARS**

Bullet Proof Vests

The bullet proof vest is used to provide protection to the upper body, including the entire torso. This protective gear can be adorned by security personnel, soldiers, army, air force and navy officials, law enforcement agents, border and check point patrol officers, peace-keeping troops, and also by politicians, celebrities or VIPs requiring protection during official visits, speeches and/or at public gatherings. Emergent tasks assigned to troops also necessitate the need for increasing body armor. The vests are manufactured as per NIJ, NATO and PK standards.

Hard Armor Plates

These are stand-alone insert plate made out of composites containing polyethylene fibers, ceramic and sometimes light-weight metals, usually worn in conjunction with bullet proof vests to increase the level of protection as per NIJ, NATO and PK Standards.

Bullet Proof Helmets

Ballistic helmets provide protection to the head and prevent injuries caused by bullets fired with SMG, MP5 and other 9mm pistols. This light-weight helmet is made of fiber and other imported composite materials with an internal webbing system to cause less trauma from the bullets fired.

Anti-riot Gear

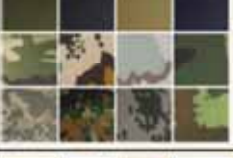
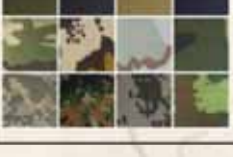
Anti-riot gear is worn by police and other law enforcement officers to control violent crowds on the streets. This gear is a full body protection against battery and assaults from violent crowds.

MODEL	PICTURE	SIZE	PROTECTION AREA	MATERIAL	STRUCTURE	STYLE	COLOUR
R001-1		S	0.27m²	ARAMID UD	FRONT REAR	CONCEALED INNER	
		M	0.29m²				
		L	0.31m²				
		XL	0.33m²				
		XXL	0.36m²				
		XXXL	0.39m²				
R001-2		S	0.25m²	ARAMID UD	FRONT REAR	CONCEALED INNER	
		M	0.28m²				
		L	0.30m²				
		XL	0.32m²				
		XXL	0.35m²				
		XXXL	0.39m²				
R001-3		S	0.25m²	ARAMID UD	FRONT REAR	CONCEALED INNER	
		M	0.28m²				
		L	0.30m²				
		XL	0.32m²				
		XXL	0.35m²				
		XXXL	0.39m²				
R002		M	0.28m²	ARAMID UD	FRONT REAR	COMMON	
		L	0.30m²				
		XL	0.32m²				
		XXL	0.34m²				
R003		M	0.13m²	ARAMID UD	FRONT REAR	PLATE CARRIER	
		L	0.15m²				
R004		S	0.23m²	ARAMID UD	FRONT REAR	FEMALE	
		M	0.26m²				
		L	0.29m²				
R017		M	0.28m²	ARAMID UD	FRONT REAR	COMMON	
		L	0.30m²				
		XL	0.32m²				
		XXL	0.34m²				
R018		L	0.29m²	ARAMID UD	FRONT REAR	WAISTCOAT	
		XL	0.33m²				



R027		L	0.30m²	ARAMID UD	FRONT REAR	TACTICAL	
		XL	0.32m²				
R028		M	0.35m²	ARAMID UD	FRONT REAR	TACTICAL	
		L	0.37m²				
		XL	0.42m²				
		XXL	0.48m²				
R030		S	0.45m²	ARAMID UD	FRONT REAR COLLAR GROIN	POLICE	
		M	0.48m²				
		L	0.51m²				
		XL	0.54m²				
R031-1		M	0.28m²	ARAMID UD	FRONT REAR	TACTICAL (one point release system)	
		L	0.30m²				
		XL	0.32m²				
		XXL	0.34m²				
R031-2		L	0.47 m²	ARAMID UD	FRONT REAR COLLAR UPPER ARM GROIN	TACTICAL (one point release system)	
R042		XL	0.42	ARAMID UD	FRONT REAR COLLAR SHOULDER GROIN	FULL PROTECTION	
R046-1		M	0.46m²	ARAMID UD	FRONT REAR COLLAR UPPER ARM GROIN	FULL PROTECTION	
		L	0.48m²				
		XL	0.50m²				
R048-1		XL	0.59 m²	ARAMID UD	FRONT REAR COLLAR THROAT GROIN	FULL PROTECTION	
R049		L	0.47 m²	ARAMID UD	FRONT REAR SHOULDER UPPER ARM GROIN	FULL PROTECTION	
R050		S	0.49m²	ARAMID UD	FRONT REAR COLLAR SHOULDER GROIN	FULL PROTECTION	
		M	0.53m²				
		L	0.56m²				
		XL	0.59m²				



R051		L		ARAMID UD	FRONT REAR COLLAR THROAT UPPER ARM GROIN	POLICE	
		XL					
R053		L	0.51m²	ARAMID UD	FRONT REAR COLLAR SHOULDER UPPER ARM THROAT GROIN	FULL PROTECTION	
R054		M	0.50m²	ARAMID UD	FRONT REAR COLLAR THROAT GROIN	FULL PROTECTION	
		L	0.52m²				
		XL	0.54m²				
		XXL	0.56m²				
R062-1		M	0.28m²	ARAMID UD	FRONT REAR	TACTICAL	
		L	0.30m²				
		XL	0.32m²				
		XXL	0.34m²				
R062-2		XL	0.47 m²	ARAMID UD	FRONT REAR COLLAR SHOULDER UPPER ARM THROAT GROIN	FULL PROTECTION	
R063		S	0.45m²	ARAMID UD	FRONT REAR COLLAR SHOULDER GROIN	FULL PROTECTION	
		M	0.48m²				
		L	0.51m²				
		XL	0.56m²				
		XXL	0.62m²				
		XXXL	0.67m²				
R064		M	0.50m²	ARAMID UD	FRONT REAR COLLAR SHOULDER GROIN	FULL PROTECTION	
		L	0.52m²				
		XL	0.56m²				
		XXL	0.64m²				
R065		S	0.45m²	ARAMID UD	FRONT REAR COLLAR SHOULDER GROIN	FULL PROTECTION	
		M	0.49 m²				
		L	0.52m²				
		XL	0.60m²				
		XXL	0.64m²				
		XXXL	0.70m²				
R071		XL	0.64m²	ARAMID UD	FRONT REAR COLLAR SHOULDER THROAT GROIN	FLOTATION	
		XXL	0.68m²				
		XXXL	0.74m²				



R073		L	0.35m ²	ARAMID UD	FRONT REAR COLLAR GROIN	LIFE-SAVING	
R097		L	0.84 m ²	ARAMID UD	FRONT REAR COLLAR THROAT UPPER ARM GROIN	FULL PROTECTION	
VFDB-CP3 NIJIII		250* 300mm	0.075	AL203/SiC/PE			BLACK
VFDB-CP4 NIJIV							
VFDB-PA1			0.145m ²	ARAMID WOVEN		PASGT	GREEN
VFDB-PP1				PE WOVEN			
VFDB-PA2			0.13m ²	ARAMID WOVEN		PASGT	GREEN
VFDB-PP2				PE WOVEN			



jamming and interception equipment



RCIED Jammers
GSM Interceptors
Telecommunication Jammers

RCIED JAMMERS:

Our wide range of jammer technology is defensive in nature. With IED Jammer and RF Jammer designs, we offer powerful system solutions needed to meet the growing threat of Remote Controlled Improvised Explosive Devices or RCIED weapons.

IED Jammer can neutralize / prevent deadly criminal acts such as radio controlled Car Bombs, roadside bombs, ambush by remote IED attacks, assassinations, and remote controlled terrorist events. In addition to implementing High Power IED Jammers and Convoy Jammers, we have also designed and deployed facility jammers with dual functionality that cover most of the bands and powers.

GSM INTERCEPTORS:

Depending on the client's requirement, we provide interception equipment that allows to track required information for governmental or commercial needs. Systems of GSM network monitoring, A5.1 A5.2 online decoding, semi active monitoring are widely used for victim detection and recovery during various acts of terrorism and natural disasters. Off-the-air GSM monitoring system is used for the interception and monitoring of voice and SMS traffic in a passive mode, with no interfering with the cellular network's operation. In addition to GSM Interceptors, phone finders can also assist the law enforcement agencies or any other users. The phone finders also help in locating targets using GSM frequencies.

anti-ballistic applications



ARMORED VEHICLES
IED FLOOR PROTECTION
MINE FLOOR PROTECTION



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Armored vehicles

Armored vehicles provide high levels of protection using ballistic steel, lightweight fiber composites and bullet resistant glass. Lightweight composite spall liner solutions are also available for military tanks and fighting vehicles. Hidden ballistic steel armor and lightweight composite material provide discreet security to vehicles without hindering their mobility. All levels of protection are available, from B4 to B7. Armor can be retro-fitted to existing vehicles and armored vehicles can also be imported upon request. Armored Toyota Land Cruisers and Hilux pick ups, and luxury sedans can be rented out on a daily, weekly and monthly basis.

Floor Protection

Installation of ballistic steel and high density, light-weight fiber composites on the floor bed of pick-up trucks and other jeeps provide protection against hand grenades, IEDs and mine explosions, whether on roadside or in the oil and gas exploration fields. Chances of fatal injuries of drivers and passengers can be decreased if this application is applied on vehicles used in vehicle convoys vulnerable to such threats.



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anti-ballistic applications



NAVAL ARMOR
AIRCRAFT ARMOR



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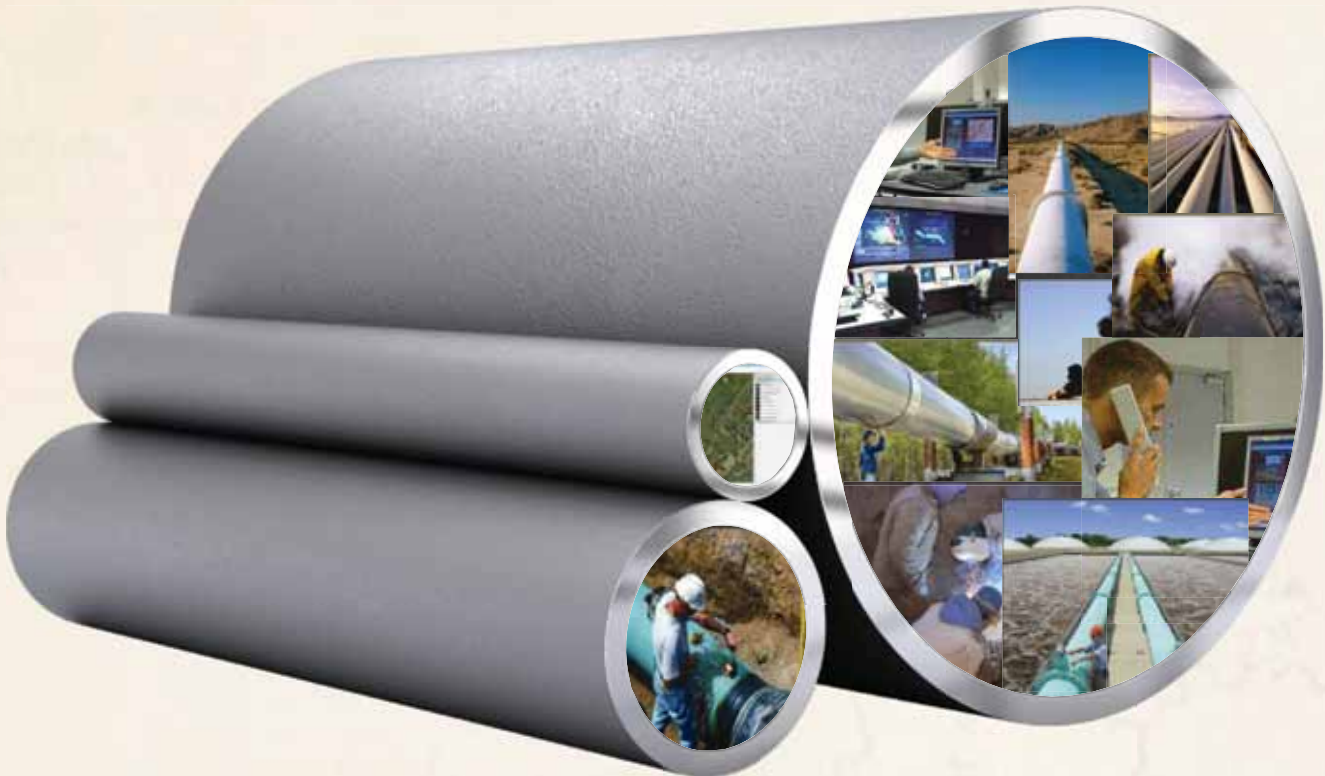
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Naval armor

Customized lightweight protection solutions especially for use in small naval vessels and large steel ships. Naval vessel armor is used to ensure a high degree of personnel protection on board, especially in critical areas. Using the latest hybrid composite materials available, the protection level is often from NATO STANAG 4569 level I to VI, or can be customized as a solution to cover specific requirements. The solutions are tailored to meet user requirements for either permanent integration into the structure of a new vessel or for additional protection of existing ships.

Aircraft armor

Using aerospace composite solutions, protection of aircrafts, whether fixed wing or rotary (helicopters), have been designed for OEM and retrofit applications and have been approved according to civilian and military aerospace regulations regarding environmental properties, stress, reliability and safety requirements. The ballistic protection panels 'built to print' and 'built to spec' with high dimensional accuracy and quick-fix interfaces ensure easy and fast installation and de-installation with low maintenance which offers a reduced whole life cost solution. The protection level is designed as per requirement keeping NATO and PK standards under consideration



**LEAK DETECTION
EARLY WARNING SYSTEMS
TRESPASSING & MOTION DETECTION
ILLEGAL TAPPING PREVENTION
PIPELINE SABOTAGE PREVENTION
PIPELINE LOCATOR SYSTEMS
THERMAL & DISTORTION SENSORS**

Pipeline Security

Fiber Optic Pipeline Security Systems prevent pipelines from sabotage, illegal tapping and terrorist activity, and help detect leaks in buried pipelines. They are designed to protect oil, gas, liquid and other utility pipelines by providing an early warning of an attack so that damage can be prevented or minimized. Fiber Optic Pipeline Security System is a cost effective solution which prevents oil and gas companies from facing revenue losses caused by criminal activities causing damage to their pipelines. This solution will equip and enable pipeline network with:

- Leak Detection
- Early Warning Systems
- Trespassing and Motion Detection
- Illegal Tapping Prevention
- Pipeline Sabotage Prevention
- Pipeline Locator Systems
- Thermal and Distortion Sensors



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Evacuation & Disaster Management

Providing human safety is the top concern for building owners, architects, contractors and those who ensure Health, Safety and Environment for their colleagues and employees in their companies and organizations. Most important is to provide a fast and safe evacuation plan for emergencies where electrical power is cut off or where smoke has begun to mask standard electrical signage, photoluminescent safety products provide bright, consistent illumination. The risk of panic is significantly reduced and human lives are saved. photoluminescent safety products are clearly indispensable, providing you with the life-saving reliability you need, while also saving money on labor, maintenance and energy costs.

Photoluminescent Paint

Glow paint that absorbs light and slowly releases the light. It can be charged with any light source such as a light bulb or the sun and when put in a darker area, it will glow. This paint works very similar to the children's glow in the dark stars but 20 times brighter.

Fire Safety Signs

Glow-in-the-dark signage to guide people to fire fighting and extinguishing products during fire disasters

Egress Signs

Glow-in-the-dark signage which illuminates in dark and smoky conditions that enable people to read the emergency exit signs and lead them out of the building safely.

Aluminum Stair Nosing

Aluminum safety strips installed on each step of the emergency stairs and other staircases which prevent people from tumbling caused by panic and avoid stampedes during emergencies.



**RFID-BASED SOLUTIONS
BIOMETRIC ACCESS CONTROL SYSTEMS
VISITOR MANAGEMENT SYSTEMS
CARD PRINTERS
RFID/BIOMETRIC READERS**



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Access Control Systems

Access control systems enable an authority to limit access to their employees and visitors and control access to their resources. An access control system is essential for large organizations having large number of employees and visitors in order record time and attendance and increase security by providing them with the following products:

RFID-Based Solution

Radio frequency identification (RFID) is a generic term that is used to describe a system that transmits the identity (in the form of a unique serial number) of an object or person wirelessly, using radio waves. RFID technology does not require contact or line of sight for communication. RFID data can be read through the human body, clothing and non-metallic materials.

Biometric Access Control Systems

Biometric technology used in access control systems measures a biological characteristic such as fingerprint, iris pattern, retina image, face or hand geometry; or a behavioral characteristic such as voice, gait or signature in order to permit entry.

Visitor Management Systems

Visitor management refers to tracking the usage of a public building or site. By gathering increasing amounts of information, a visitor management system can record the usage of the facilities by specific visitors and provide documentation of visitor's whereabouts.

Card Printers

In-house card printing machines located at the entrance of the premises networked with the Visitor Management System. Once the data of the employee or the visitor is stored in the system, this machine prints cards containing RFID tags.

RFID/Biometric Card Readers

An RFID reader is a device that is used to interrogate an RFID tag. The reader device has an antenna that emits radio waves while the tag responds by sending back its data.

Measurement & Control Systems
Sensors
Data Acquisition Equipment

industrial supplies



Gas/Flame Detection & Control
Valves & Manifolds
Actuators, Positioners & Monitors



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protecting lives

Pressure & Temperature Measurement & Control

Pressure & Temperature Indicators
Pressure & Temperature Switches
Pressure & Temperature Transmitters
Pressure & Temperature Transducers
Thermocouples
Thermopwells
RTD's



Level & Flow Measurement and Control Solutions

Differential & Hydrostatic Pressure Transmitters
Electromechanic & Ultrasonic Level Transmitters
Magnetic Level Gage
Level & Flow Switchs and Gauges
Variable Area Flowmeters
Electromagnitc, Ultrasonic, Vortex Flowmeters
PH & Conductivity Sensors

Automation Components and Integrated Control Systems, Industrial Sensors.

Electronic Instruments and Electromechanical Devices
Power Supplies
Input / Output Modules
Relays & Timers
Push Buttons & Signaling Devices
Sensors, Switches and Controls



Actuators, Poistioners, Valve Position Monitors

Valve Actuators
Multiport Flow Selectors
Linear & Rotary Valve Position Monitors
Gearboxes and Accessories
Precision Control Instruments



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DCS, Data Acquisition Equipments

Scanners, DP Meters and Turbine Meters
 Production Control Systems (DCS)
 Controllers, Recorders, and Data Acquisition Equipments
 Liquid, PH / ORP, and Conductivity Analyzers
 High Speed Memory Recorders
 Gas Analyzer
 Dust Monitors
 Controllers & Indicators
 Pen Recorders
 Calibrates, Thermometers, Clampmeters
 Digital Multimeters



Gas & Flame Detection, Burner Controls, Igniters

Flame Safeguard & Combustion Controls
 Toxic Gas Detection
 Industrial Surveillance Equipment
 Combustible Gas Detection
 Gas Leak Detectors
 Safety Systems
 Smoke Detection
 Igniters



Pressure Safety / Relief Valves, Manifolds

Direct Spring Operated Pressure Relief Valves
 Pilot Operated Pressure Relief Valves
 Safety Selector Valves
 Hydrant Reducing Valves



Control Valves, Pressure Regulators, Choke Valves

Control Valves
 Positioners
 Pressure Reducing Regulators
 Pressure & Temperature Controllers
 Choke Valves
 Back Pressure Regulators



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Parking & Traffic Management Consultants

PinnaCom



Turning pennies
into profit

PinnaCom

Parking & Traffic Management Consultants

As one of Pakistan's only parking and traffic management consulting firm, PinnaCom places emphasis on providing complete parking and traffic management solutions for its public and private sector clients.

Our portfolio includes:

- transportation management
- traffic management
- deliveries and logistics
- parking meters
- parking lots and plazas
- traffic security
- road security and screening products
- research and analysis
- marketing and media campaigns

We can review the way your commuter, passenger and end-user interfaces with you, re-define that relationship, and provide you with the very best-of-breed market-tested recommendations for reducing lead and delivery times, operational and overhead costs and improving overall transport scope, security, screening and efficiency.

PinnaCom assists clients worldwide, be they corporate, government, private or developmental, in greatly improving transport cost reduction, optimization, and service improvement activities. We provide a variety of assessment reviews and audit services, both qualitative and quantitative, focused on ensuring that your transportation and logistics costs are as efficient, optimized, and reduced as possible, whilst still delivering the targeted service levels.

Our expert and detailed analysis of transport strategy implementation results in measurable and meaningful policy milestones, cost savings and service level enhancements. PinnaCom consultants will assist you either on a partial or turn-key basis, subject to your need, acting as your in-house One Stop Shop (OSS) transport service and solutions advisor. Our expertise commences from the collection of data to advising you on the execution of well-planned well-thought out feasible actionable transport solutions and business modalities.

Core Competencies

The design, project management and implementation of multi-modal transport solutions presents our customers with the latest information to empower and equip them with business intelligent, cost-effective, improved end user service when using:

- Parking meters, parking plazas and parking lots
- Traffic management, security and enforcement systems
- Developing general systems requirements (GSRs), TORs and BOQs for transport related tenders and bids
- Transport security and screening at airports, ports and railways
- Vehicle screening, security and entry –under vehicle scanning systems (UVSS), road blockers, bollards, and improvised explosive detection mechanisms (IED)
- Fully integrated and intelligent supply chain management
- Electronic tolling on highways, roads and lanes
- Operations and logistics advisory including town and city planning
- Just-in-time (JIT) zero inventory distribution
- SMS alerts on traffic updates
- Delivery method enhancements, and parcel screening and security



Transport Audit Reviews Methodology

We provide completely independent and objective assessments for businesses and governments leveraging any transport specialization. Our Transport Audit Review has ten major stages:

1. Current process mapping, feasibility assessment and costing
2. Analysis of strengths, weaknesses, opportunities and threats (SWOT)
3. Identification of wider political, economic, social, technological, legal and environmental (PESTLE) implications that might also involve and environmental impact assessment (EIA)
4. Cost benefit analysis (CBA) assessment
5. Customer and stakeholder feed-back sessions and full feasibility reporting
6. Devising realistic work-breakdown structures (WBS) and baselines
7. Proposals on cost reduction, process improvements and seamless service execution
8. Future-based forecasting and trend-mapping
9. Proposed strategy, actionable roadmap, executive presentations and final key recommendations
10. Develop on-going stakeholder and shareholder reporting



Value Added Differential

PinnaCom services often result in:

- Cost reductions through improved transport policies
- Overhead reduction as a result of better asset management
- Enhanced productivity through better asset utilization
- Measurable results through increased employee efficiency
- Improving passenger throughput and traffic flow
- Integrating new products, requirements and technologies
- Greater commuter and customer satisfaction
- Cleaner environment with lower emissions and a reduced carbon footprint
- Better vehicle scheduling
- Documentation of loading/unloading, and pick-up times

Our Unique Specialization

While we have a wide array of consultancy experience and exposure across the transportation, distribution, logistics, security, screening and operational spectra, our core consultancy mandates involve expert advice on parking meters, parking lots and parking plazas. To this end we fully facilitate and support you to:

- Conduct a consultative needs assessment for parking meters, parking plazas, and parking lots
- Structured advice on deployment plans and demarcation
- Develop Terms of Reference (TORs) with differentiated bidding and tendering experience
- Organizing international trainings and visit exposure
- Educating and hosting workshops on the traffic industry, its trends and implications
- The design, lay out, schematics and engineering of parking meters and lots
- Increased traffic mobility, visibility and transparency
- Provide parking and traffic flow assessment
- Offer well researched statistics on market sizing, traffic flows and trends
- Create awareness on the social and environmental dimensions of traffic, crowdedness and congestion
- Provide policy and process planning
- Specialized market research on social, situational, environmental, infrastructural and commercial implications of parking meters
- Actual and real market-driven case studies
- Parking meter media awareness campaigns, infomercials and television spots, advertising on multi-media
- Interactive websites, live feeds and web streaming on the parking meter concept

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Suite 16 | Panorama Center | 98 East Jinnah Avenue | Blue Area | Islamabad | Pakistan
Tel: 92 51 8435210 | Fax: 92 51 8435211
info@pinnacle.com.pk | www.pinnacle.com.pk