

IP-guard

IT Management System



Protect information security

improve productivity



TEC Solutions Limited

IP-guard IT Management System

Do you worry about :

The product design was stolen stealthily; Customer's data was stolen by the rival; The finance data was distorted by person's malice ;.....

Staffs abuse your company network resource, browse pornographic web sites, play network games, chat and send or receive private mails during office hours?

Too many computers to maintain acquire IT administrators most of the time

Value of IP-guard

[Prevent the confidential information from leaking and ensure information security]

IP-guard records employee various electronic documents operation details, keeps enterprise confidential information from being passed out by the network or external equipment illegally, Enterprise can easily identify and stop illegal operation to ensure information security.

[Standardize the computer usage and improve the productivity]

IP-guard can provide detail record and the complete analysis report about employee's application usage and website browsing behavior. Restriction can be applied by application and website classes and time deviation to raise working efficiency.

[Allocation system resource and optimize resource usage]

IP-guard manage to network bandwidth to prevent employees from downloading films, music, or other files that occupy large amount of network bandwidth; It can also monitor file printing and compact disc burning for enterprise to optimize resource planning.

[Manage IT assets and reduce upkeep cost]

IP-guard gathers software and hardware assets information automatically. Patches can be installed and vulnerabilities can be scanned automatically. Software distribution function distributes third party software to a wide range of agents. These features help IT administrator to manage and maintain enterprise IT assets conveniently.

[Flexible enterprise system framework to achieve corporation control]

IP-guard is extremely flexible and expandable. it can adapt various network structure, support foreign control, and it can help multinational organization to manage branches operation.

[Information Security]

Confidential information (such as source codes, core chemical formulas, and design blue prints) is kept in the form of electronic files, so file security is the core of information security. IP-guard can monitor all file accesses and at the same time, by controlling reading and writing to movable storage devices, external devices and the Internet to prevent confidential information leak.

🔴 Monitor document operations

Record all document operations in detail. The system will stop any illegal operation and alert the administrator.

🔴 Prevent information leak from movable storage devices and network shares

Set up permission to the system to prevent unauthorized staffs copying documents to removable device or network shares.

🔴 Prevent information leak from external device

Block connections of external devices of the computer (e.g. floppy drive, CD Writer, USB drive etc removable storage devices; ports, MODEM, USB, blue-tooth, infra-red. etc.) to prevent illegal copy and data transfer.



🔴 Prevent disclosure of important document on the Internet

Control file transfer by email, FTP, P2P application, and instant message application to prevent confidential information transfer using the Internet.

🔴 Prevent illegal access to the internal network

Unauthorized computers cannot access share and communicate with other computers even they are connected to the internal network. Hence, outsider cannot make copies of internal information.



[Behavior Management]

Manage the usage of the computer completely, including application running, website browsing etc. As a result, staffs' behavior can be managed, network resources can be planned accordingly, and enterprise's information resources can be utilized efficiently.

Applications monitor and control

Record and gather statistic on applications run by staffs to evaluate their working attitude and performance.

Web browsing monitor and control

Record website browsed by staffs and analyzes the Internet utilization.

Events logs

Record computer events to trace and analyze working behavior of staffs.

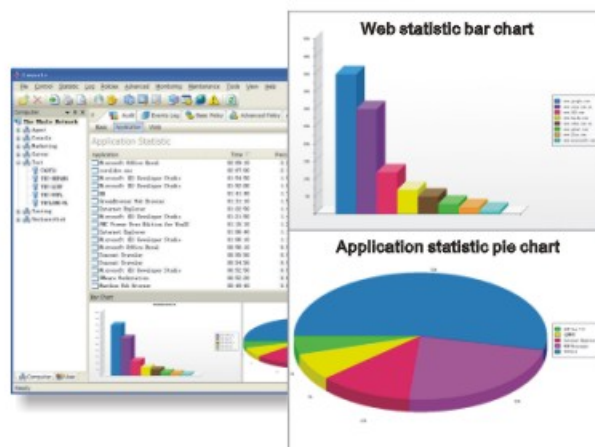
	Time	Name		
✓	✗	ALL Day	Web Policy_3	⚠
✓	✗	ALL Day	Web Policy_2	⚠
✓	✓	Worki...	Web Policy_1	
✓	✗	ALL Day	ALL	⚠

Email Monitoring

Record all sent and received email contents and attachments.

Instant message control

Monitor conversation histories of all instant message applications as well as files transferred with those applications.



Network bandwidth and ports control

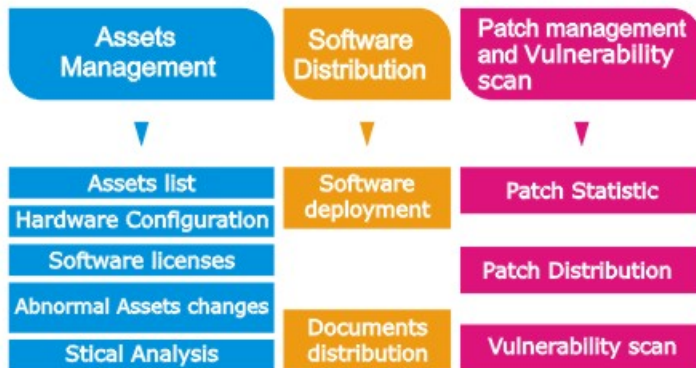
Assign network bandwidth accordingly by gathering statistic from upload and download communications and control network bandwidth. IP guard can control network communication by IP ports and IP address to restrict staffs from playing games, watching movie, chatting, BT download, and sending out confidential information.

Screen snapshot

Real-time capture computer screen activity with screen recording function. Any illegal behavior can be traced on screen.



[System Management]



Software deployment

- Software deployment**
 Express deployment and software installation to every computer in the corporate network, e.g. client program of ERP system, business software, and office patch process.
- Documents distribution**
 Distribute documents and notices to appointed agents to minimize administrators' workload on distribution and enhance the efficiency.

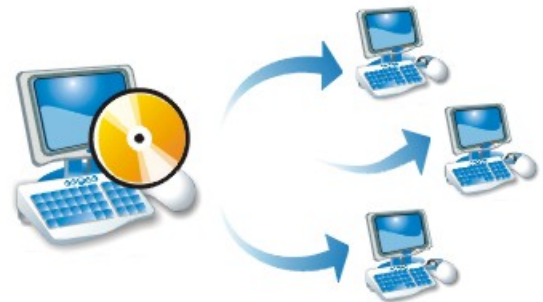
Patch management and Vulnerability scan

- Windows Patch Management**
 Scan and download security patches periodically; Distribute and install automatically through network.
- Vulnerability scan**
 Periodically scan, analyze, and fix system vulnerabilities.



Assets management

- Automatically collect software and hardware information**
 Recorded software and hardware device information from every workstation in detail. Asset can be self defined with descriptive Information such as factory owners, specification, and copyright etc.
- Record software and hardware asset changes**
 Record changes in hardware device, install and uninstall action of software. Alerts can be triggered on any asset changes.
- Asset enquiry and statistics**
 Automatically summarize and gather statistic from hardware device and software asset



[Remote maintenance]

- Real-time information checking**
 Administrator can check real-time information remotely, such as processes, service report, CPU utilization etc, to analyze and solve problems in remote workstation.
- Remote control**
 Administrator can control the computer's mouse and keyboard remotely.
- File transfer**
 Administrator can transfer files to and from remote workstations to get the analytic tools and the log files.

IP-guard consists of server、 console、 agent and switch

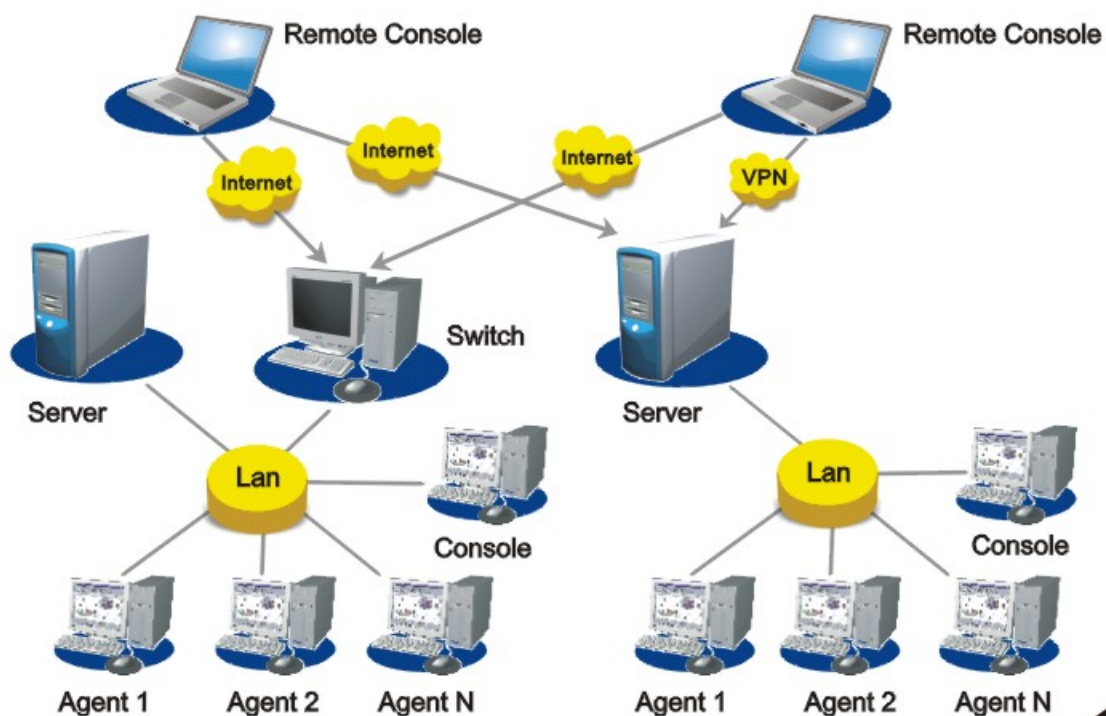
IP-guard

Server: Collect and save data, distribute policies automatically

Console: Establish policies; check data, statistic, and analysis

Agent: Record data and carry out the policies

Switch: Connect servers, consoles and agents in different domains



IP-guard System Deployment

[Mac OS]

Microsofe windows 95 OSR2/98/Me/NT4.0/2000/XP/2003

[Min Hardware Deployment]

Server: Pentium III500/128MB/10GB HDD

Console: Pentium 166/64 MB/10MB HDD

Agent: Pentium 166/32 MB/10MB HDD

Switch: Pentium 166/32 MB/10MB HDD

[Network Request]

Support TCP/ IP protocol

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Authorized agent: