

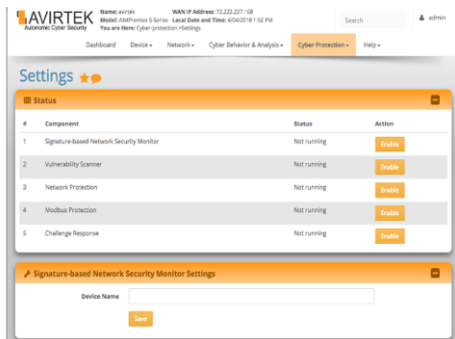
Autonomic Cyber Security (ACS) Technology



ACS functions can be offered as a software only product or as a hardware server as shown above. ACS platform has consolidated many cybersecurity and management functions into one unified management framework, which reduces complexity and costs, and promptly responds to malicious activities. ACS is a multi-level defense system, inspired by the human nervous system to provide continuous monitoring, analysis and mitigation against anomalous behavior triggered by known or unknown attacks regardless whether they are launched by an insider or an outsider. ACS capabilities are:

- **Detect accurately any abnormal activities in computers, networks, applications and how data is being accessed**
- **Integrates biometrics with user cyber behavior to uniquely identify how each user use computers and applications.**
- **Take automated or semi-automated recovery actions**

Host IDS
Vulnerability
Network IDS
Industrial IDS
Insider Protection



Continuous Monitoring, Analysis and Protection of

NETWORKS

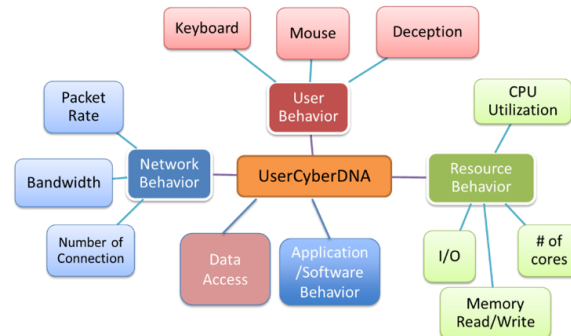
ACS software agents understand how your network devices and communications protocols should operate normally. Any attack against your network will lead to anomalous behavior that can be immediately detected and stopped by ACS

Applications and Internet

The ACS agents are designed to detect and protect against any malicious activities in your applications or Web apps that might be compromised by cyberattacks or malicious software.

Users, Computers and Data

ACS agent integrates bio metrics (keyboard and mouse usage patterns) and cyber operations to immediately detect and protect you against insider threats or any remote user using accessing your account illegally.

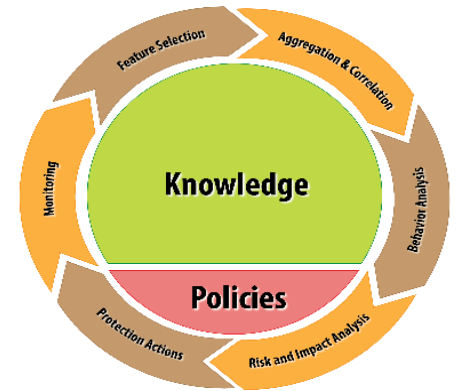


We invite you to Put our ACS Self Management and Protection services to the test. Contact us for a free consultation today at info@avirtek.com.

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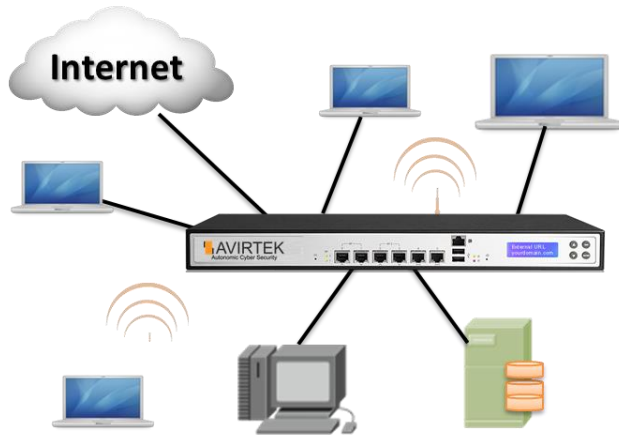


AVIRTEK is an innovative cybersecurity provider for SMB, large enterprise, and government markets. AVIRTEK Autonomic Cyber Security (ACS) technology is based on zero-trust paradigm that is analogous to the human nervous system that can self-mange and self-protect your computers, network resources, data and applications with little involvement of users or system administrators. The ACS platform integrates bio-metrics (keyboard and mouse usage patterns) and cyber metrics along with predictive data analytics to proactively detect malicious events and stop them in a timely manner without manual involvement of the users.

The ACS innovative features are:

- **Anomaly Behavior Analysis (ABA) that assumes only that it knows the normal behaviors or operations of your resources**
- **AVIRTEK specialized ABA agents (similar to MD specialization) can detect any malicious activities in users, computers, network devices, or in your data access patterns**
- **Integrate Bio and Cyber Metrics**
- **Automated and intelligent responses in order to stop and mitigate cyber attacks that are very sophisticated, and propagate super fast**

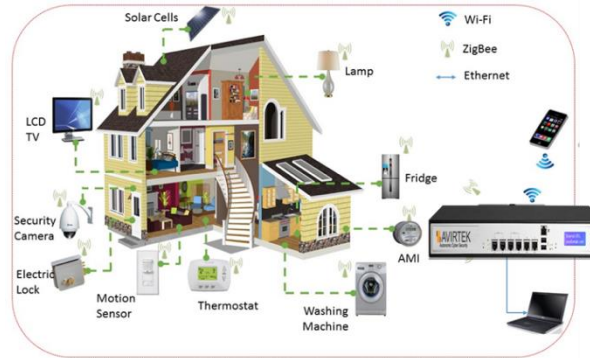
Next Generation Self Management & Protection Technology



Self IT Management and Protection for Small/Medium Networks

ACS system provides innovative security and protection technology that integrates the functions of signature based and anomaly based network and host intrusion detection systems into one system. In addition, the ACS platform provides the following network capabilities: Router, Switch, Gateway, Firewall, VLAN, VPN, Virus and Malware protection.

This integration will lead to significantly reduce the number of devices to be managed, reduce cost, and improve security.



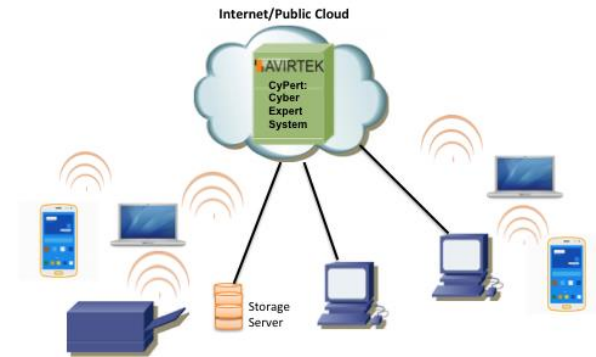
Self IT Management and Protection for Home Computers, Networks, Data and Applications

Innovative Thinking

The owners of small business or home networks cannot afford to have IT staff to manage and secure their network operations. AVIRTEK ACS patented technology overcomes this challenge by providing self management of computer and network resources as well as protection functions with little involvement of users or administrators. The ACS system can protect your resources and data seamlessly against:

- Zero days attacks (not known before)
- Ransomware attacks.
- Denial of Service (DoS) attacks
- Virus/Malware attacks
- Host and Network attacks

Can you keep up with rapid malicious malware and ransomware attacks? AVIRTEK ACS Technology can deliver what you need to prevent cyberattacks from affecting your normal business operations.



Cloud Security as a Service Management and Protection as a Cloud Service

AVIRTEK CyPerT Cyber Expert System (CyPerT) can be deployed to any computer at home or office to protect users, networks, computers, and data. This solution is a very cost-effective and ideal for users who do not have the knowledge and time to handle the IT management and security issues.

CyPerT is an intelligent system designed to provide the following management and security capabilities: :

- Provide 24 by 7 the status of your computers, network devices, and applications.
- Alert you whenever any of your devices or applications are compromised or attacked by malicious software..
- Automated/Semi-automated fix of problems detected by CyPerT.
- Secure remote access to any computer from any where and using any device (mobile or stationary).
- Backup your files, data to a local storage device or to a remote cloud storage site.