RESTECH SOLUTIONS

A better way to make your business more secure.

As a service provider, we understand that no one wants the cost, hassle, and possible reputational damage of a security breach. To that end, we're always looking for better ways to protect your business. Today, over 90% of security threats originate from the web. With workers on the move, using multiple devices, protecting a company is becoming more challenging.

Taking on today's top security challenges with a better solution.

The Challenge	The Archon Solution
All-or-none DNS level blocking is too coarse for many business needs	Using Archon's proxy-based system, we can allow your employees access to some parts of a site or system while blocking others
Most employees connect to the cloud for email and applications instead of VPN'ing back to the security perimeter, thereby exposing company systems	Archon protects at the device level, so we can set it up to travel with your employees and their devices
Maintaining security systems can be time-consuming and disruptive to work	Archon is cloud-based. We can deploy updates and add new employees without disrupting your office in any way
Criminals are continually adapting and exploiting new ways to cause trouble	Archon uses machine learning and artificial intelligence. It gets smarter with each user. Any discoveries and improvements are then shared across all Archon users
Increased visibility into network activity is important to companies	Through Archon, you are able to produce rich reports, notifications, and detailed audit logs individually or at timed intervals

Archon's model represents a new and improved approach to front line security. It is designed around the realities of today's work environment and IT systems.

Total Endpoint Protection

Cloud-Based Architecture

Machine Learning Optimized

Understanding Archon:
How Proxy-Based Protection Works

Archon is deployed and managed from our offices, through a cloud-based architecture. A small local agent is downloaded to protected devices which connects them to Archon's security software.

Once protected, web traffic called to the device is first filtered through a proxy server that can be customized to allow certain traffic while blocking others. Filtering happens at the data level, which means you can block portions of a website or service while still allowing access to other parts. This approach is different from traditional DNS-level blocking, which allows or prevents traffic from an entire source and is often too heavy-handed. DNS also relies on the reputation of a website and will not scan websites that are normally known to be safe. However, with today's cybersecurity environment, all websites are subject to be compromised through multiple means such as malvertising or hostile takeover. Archon has a "zero trust" security model built into its core, scanning every page regardless of its reputation.

In addition, the Archon system analyzes all data coming from the web on every page view - even opening SSL encryption where malicious code is sometimes hidden. All traffic is monitored for malware, spyware, and other viruses before being forwarded on to the device.

Archon learns with each installation and site that is scanned, and as novel attempts to breach security are made and blocked, Archon passes what is learned on to all other protected users.

The entire process happens very quickly without any noticable performance issues to the person using the computer, tablet, or smartphone.

Behind the scenes, the Archon system filters and monitors traffic 24/7/365, logging all activity which can be made available through reports that we can generate individually or on timed intervals

About RESTECH

We monitor, diagnose, and address the root causes of difficulties and nagging problems through our automized monitoring systems, technology, and team so that you can focus on growing your small business and serving your people. We are not a temporary fix; we are a holistic and permanent solution.

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Learn More at https://restech.solutions/