Arraya

CISCO RANSOMWARE DEFENSE

Ransomware isn't just a big business, it's a billion dollar business. That kind of return on investment combined with an ever-increasing ease of execution have fueled ransomware's meteoric rise to the top of the malware heap. It has also landed organizations of all sizes and industries directly in the crosshairs.

All ransomware needs to take hold is an employee getting duped by a malicious email or navigating to the wrong website. Once the door is opened, ransomware will encrypt any files within its reach and then offer the impacted business a simple choice: Pay and get your files back. Or, refuse and kiss your data goodbye. The clock is ticking.

Deter Today's Threats with More Effective Security

Arraya Solutions' Cyber Security Practice is well-versed in the threat ransomware poses to modern businesses. By leveraging industry-leading technology from Cisco, our team can architect and deploy a solution that can detect and contain ransomware. The ultimate goal? Prevent businesses from having to choose between paying off cybercriminals and suffering a potentially catastrophic loss of data.

Benefits include:

- **Reduced risk** of ransomware infections with security that can block threats before they can attempt to take root.
- **Immediate protection** from ransomware allows you to stay focused on running your business.
- **Layered, integrated defenses** give you unmatched visibility and responsiveness from the DNS layer to the network to the endpoint.
- **Dynamic segmentation** to keep ransomware cornered on the network.

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KEEP YOUR BUSINESS FROM BECOMING A RANSOMWARE VICTIM

Given that ransomware can penetrate organizations in multiple ways, reducing the risk of ransomware infections requires a portfolio-based approach, rather than a single product. Ransomware must be prevented where possible, detected if it gains access to systems and contained to limit damage.

Cisco Ransomware Defense calls on the Cisco security architecture to protect businesses using defenses that span from networks to the DNS layer to email to the endpoint.

An airtight ransomware defense strategy powered by Arraya and Cisco can include:

Cisco Umbrella to protect devices on and off the corporate network. Umbrella blocks DNS requests before a device can even connect to sites hosting ransomware.

Cisco Advanced Malware Protection (AMP) for Endpoints to block ransomware files from opening on endpoints.

Cisco Email Security with AMP to stop spam and phishing emails, as well as malicious email attachments and URLs.

Cisco Firepower Next-Generation Firewall (NGFW) with AMP and Cisco Threat Grid sandboxing technology to stop threats by containing known and unknown malware and by blocking command-and-control callbacks to ransomware hosts.

Cisco TrustSec via the Cisco network to dynamically segment the network and restrict access to services and applications, thereby preventing the lateral spread of ransomware.

Why Arraya?

cisco Premier Partner

Arraya's Cyber Security Practice is committed to connecting businesses with the technologies and the expertise they need to stay safe in today's heightened threat landscape. By partnering with Arraya, organizations gain the knowledge and experience of a seasoned security team without the burden of actually building that team in-house. Arraya works across departments and at every level of the organization to develop and implement world-class, holistic security solutions.

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