# Adlumin Managed Detection and Response: Ransomware Prevention

Keep critical files from encryption

Ransomware attacks have emerged as a significant and pervasive threat in the digital landscape. These attacks cause widespread disruption and can include financial loss, data breaches, operational downtime, and reputational harm.

Adlumin Managed Detection and Response (MDR) enhances your cyber defense with an extra layer of protection against ransomware, emphasizing the need for a comprehensive strategy.

The new feature focuses on file system preservation, which quickly blocks the file encryption process – keeping your important files protected.

99%
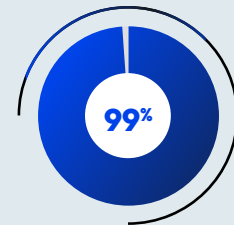
Our tests show that this feature preserves more than 99% of the file system when NoEscapeLock, BlackBasta, Mallox, Conti, Redtrace, Phobos,and Ryuk attempt to encrypt files.

Key Capabilities

Focused Protection
Adlumin's MDR Ransomware Prevention feature concentrates on protecting and preserving files on the file system.

No Adverse System Performance Impact
Experience seamless operation without high CPU or memory consumption, ensuring optimal system performance.

Precision in Threat Detection
Minimize disruptions with high accuracy in threat detection, reducing false positives to enhance operational efficiency.

Fast and Easy Installation
Implementing the Adlumin MDR Ransomware Prevention features is quick, providing you with immediate protection.

Early Detection
Identify and prevent malicious encryption at the earliest stage, minimizing the impact on your file system.

Automatically Stop the Threat
The encryption process is automatically stopped, and the host is isolated to decrease the business impact.

What makes Adlumin Different?

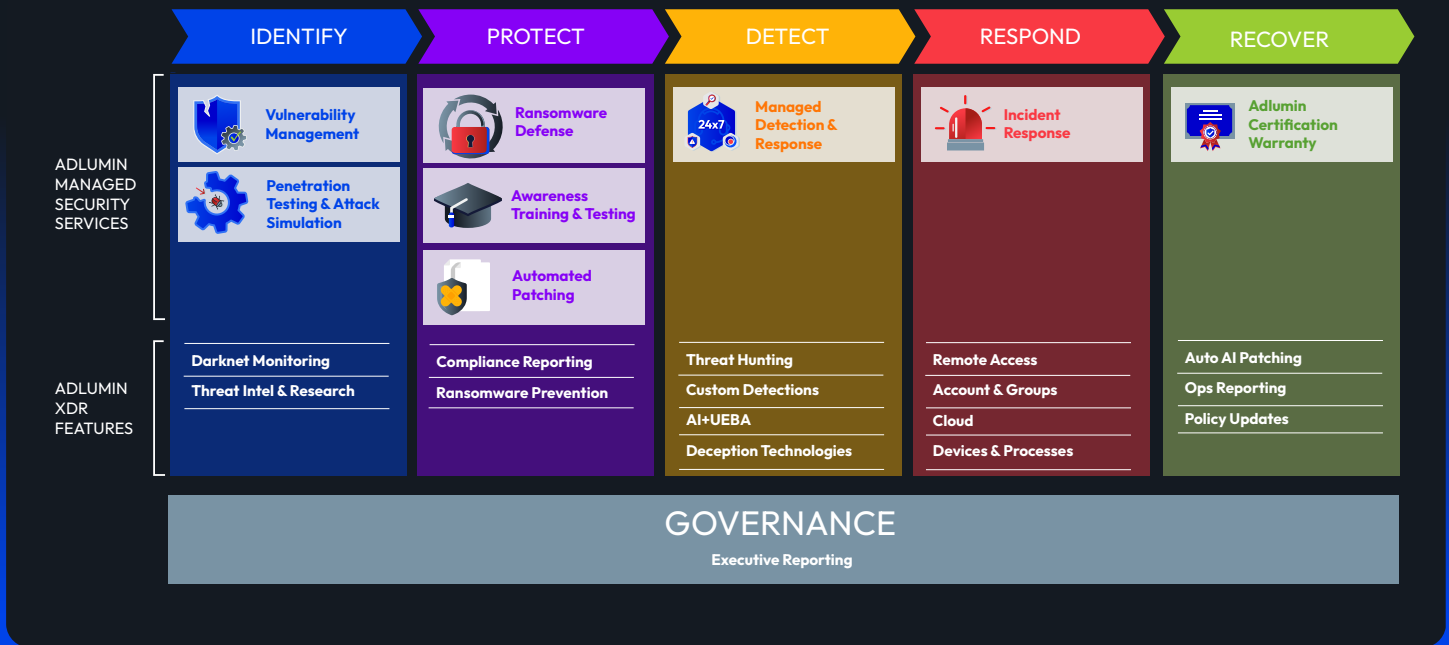**We won't let your organization get caught in the dark.**

Adlumin provides the premier command center for security operations. We stop advanced cyber threats, eliminate vulnerabilities, and take command of sprawling IT Operations with Adlumin's Security Operations Platform. You can manage Adlumin Extended Detection and Response (XDR) SaaS product yourself, through a trusted Partner, or engage the Adlumin 24x7 Manage Detection and Response (MDR) team to protect your business.

Adlumin offers world-class analytics, compliance reporting, automation and remediation tools, integrated threat intelligence, 24x7 search for leaked accounts on the darknet, on-demand customer support, implementation in 90 minutes, and more.

Adlumin is a cost-effective and attainable solution for small, medium, or large organizations. Customers can monitor and defend their networks locally, in the cloud, and across the globe.

Adlumin Security Operations Platform & the NIST Framework

Adlumin Extended Detection and Response (XDR), Adlumin Managed Detection and Response (MDR), and Managed Security Services

IDENTIFY	PROTECT	DETECT	RESPOND	RECOVER

ADLUMIN MANAGED SECURITY SERVICES

Vulnerability Management	Ransomware Defense	Managed Detection & Response (24x7)	Incident Response	Adlumin Certification Warranty
Penetration Testing & Attack Simulation	Awareness Training & Testing			
	Automated Patching			

ADLUMIN XDR FEATURES

Darknet Monitoring	Compliance Reporting	Threat Hunting	Remote Access	Auto AI Patching
Threat Intel & Research	Ransomware Prevention	Custom Detections	Account & Groups	Ops Reporting
		AI+UEBA	Cloud	Policy Updates
		Deception Technologies	Devices & Processes	

GOVERNANCE
Executive Reporting

Adlumin is the security operations command center that simplifies complexity and keeps organizations secure. Its innovative technology and seamless integrations create a feature-rich platform with everything sophisticated security teams need, while empowering service providers and organization of any size with collaboration and transparency for a coordinated, mature defense.