

What's best for your organisation?

Operational comparison for EDR Vs MDR

Snackables

When comparing Endpoint Detection and Response (EDR) and Managed Detection and Response (MDR) from an operational perspective, it's important to understand that while both aim to enhance cybersecurity, they do so in different ways and with varying levels of involvement and resource commitment from the organisation. It is important that an organisation understands the dependency on resource, and makes the right decision with respect to your specific needs.

High level comparison:

Endpoint Detection and Response (EDR)	Managed Detection and Response (MDR)
Focus:	
EDR is a technology-centric approach, focusing on deploying and managing software solutions on endpoints (like workstations, servers, and mobile devices) to detect, investigate, and respond to cyber threats.	MDR is a service-centric approach, where a third-party provider (like Nomios) offers comprehensive monitoring and response services, often combining technology and human expertise.
Implementation and Management:	
EDR requires the organisation to install and manage the EDR software across its endpoints.	The MDR provider is responsible for the deployment, management, and operation of the detection and response tools and services.
The responsibility for monitoring, analysing, and responding to threats primarily lies with the organisation's in-house IT or security team.	The organisation typically interacts with the MDR provider through reports, alerts, and strategic consultations.

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Endpoint Detection and Response (EDR)	Managed Detection and Response (MDR)
Cost	
Initial and ongoing costs for software licenses.	Ongoing service costs, typically in the form of a subscription.
Investments in staff training and potential hiring of specialised personnel.	Reduced costs in internal staffing and infrastructure development.
Expertise Required	
Requires in-house expertise in cybersecurity to effectively manage and interpret EDR tool outputs and respond to threats.	The expertise resides primarily with the MDR provider, reducing the need for specialised in-house cybersecurity skills.
Continuous training and knowledge updating are necessary to keep pace with evolving threats and technologies.	The organisation needs to understand and effectively communicate its security requirements to the provider.
Control and Customisation	
Organisations have direct control over the EDR systems and policies.	The MDR provider manages the tools and processes, which might offer less direct control to the organisation.
Can be customised to specific organisational needs and IT environments.	Customisation is subject to the provider's offerings and flexibility.
Scalability	
Scalability depends on the organisation's ability to manage and maintain additional endpoints as they grow.	MDR services are generally scalable and can adapt to the growth or changing needs of the organisation without significant additional management overhead.

To summarise:

EDR offers organisations a set of tools to manage their endpoint security internally, requiring investment in technology and skilled personnel. In contrast, **MDR** provides a comprehensive, outsourced service that combines technology with expert management, reducing the internal burden but also requiring trust and cooperation with an external provider. The choice between EDR and MDR depends on your organisation's specific needs, resources, and cybersecurity strategy.

Have you considered outsourcing your EDR solution?


Managing an Endpoint Detection and Response (EDR) system in-house involves navigating several significant challenges. These include the need for specialised expertise, substantial resource allocation, effective integration with existing infrastructure, managing high volumes of alerts to avoid fatigue, keeping pace with rapidly evolving cyber threats, ensuring prompt and efficient incident response, maintaining continuous system monitoring, adhering to compliance and regulatory requirements, and overcoming hurdles in user acceptance and training. Given these complexities, organisations must carefully consider their capacity to meet these demands or explore external support and managed services as viable alternatives to bolster their cybersecurity posture effectively.

Don't leave your organisation's security to chance or spread your internal resources too thin. Speak to us to day to see how we can help elevate your cybersecurity strategy, and let you focus on your business.



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