

# Managed Detection & Response

leveraging Microsoft Defender for Endpoint







## Manage the threats that matter most

Companies of virtually any size and in every sector can find themselves being the target of offensive cyber operations, be it cyber-crime, state-sponsored or competition-sponsored attacks, targeted ransomware and supply-chain compromises. The common denominator in most of these incidents, regardless of actor's motives, is the establishment of a foothold inside the target's digital environment. Once the latter has been achieved, the attackers try to obtain further access and ultimately compromise one or more IT assets (endpoints) for establishing command and control (C2) channel(s) with the CnC center. Encode's 18+ years of experience in simulating such attacks through our Red Team exercises and responding to them, show that early detection and timely, coherent response is of paramount importance for minimizing business impacts.

## Encode MDR solution

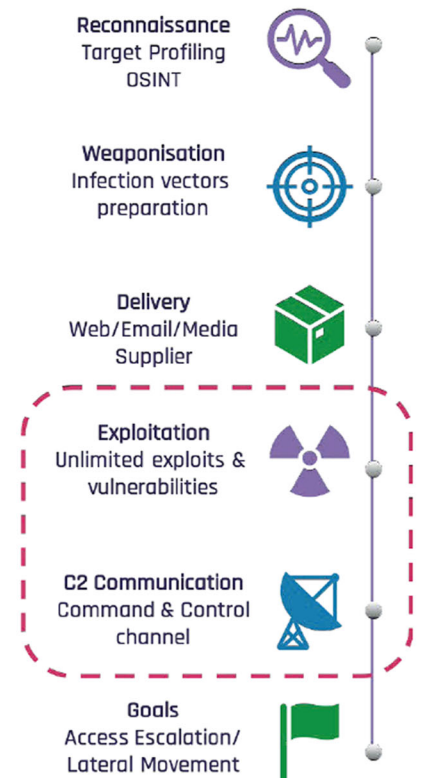
Encode's MDR service is designed to enable Early Breach Detection and Adaptive Response against endpoint compromise-related threats. Whether you use Cloud/SaaS, hosted or in-house business applications and IT services, your endpoints are the target and your user-population is the weakest link, requiring 24x7 proactive protection with Detection and Response capabilities as a managed service.

Encode MDR does not rely on low visibility sources already present in the monitored environment, such as existing system log sources, but rather utilizes the unique capabilities of **Microsoft Defender for Endpoint** together with Enorasys Platform for maximum visibility and minimum footprint possible. Encode's MDR service provides:

-  24x7 Cyber SOC Operations.
-  On-going endpoint threat hunting, detection & response using MS Defender for Endpoint EDR capabilities and behavioral rules.
-  Continuous automated hunting of C2 channels to detect unknown, evasive attacks (APT) using Enorasys Security Analytics.
-  SOAR-based incident investigation, scoping and adaptive response using Enorasys SOCStreams.
-  A powerful integration and workflow engine enabling the automation of incident investigation and response activities (playbooks).
-  A complete customer/service portal providing full Incident Handling visibility, real-time collaboration and SLA/KPI reporting.



### Microsoft Defender for Endpoint





# MDR Service with MS Defender for Endpoint Key Features

## End to End Detection and Response

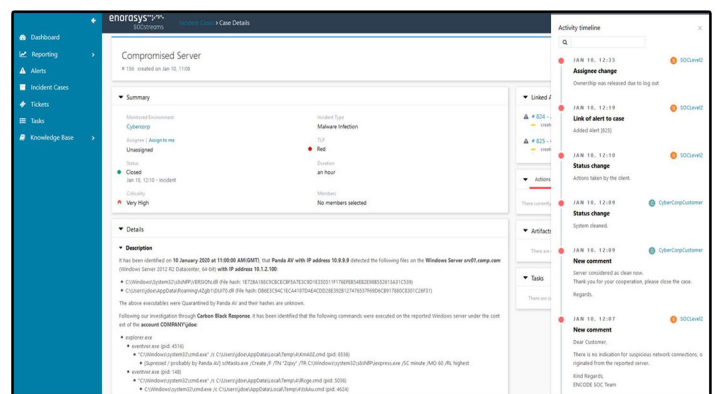
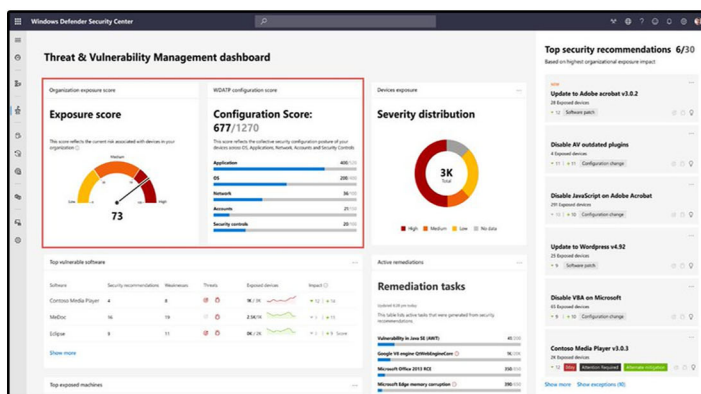
With Encode's MDR service you don't get just a provider handing over possible cases to your team, but rather an end-to-end detection and response solution, with all the tools pre-deployed and integrated to cover the entire process of 'Breach Indicators Generation – Assessment and in-depth Investigation – Incident Scoping/Hunting – Containment', on a 24x7 basis, while collaborating with your team and providing guidance for complete threat eradication and recovery.

## MDR-focused tech stack

To support an effective MDR solution our tech stack was designed and built from the ground-up for being a true enabler and force-multiplier to our team of experts. Enorasys SOCStreams, our proprietary SOAR platform, is the focal point of our solution, providing the tools to our analysts to assess breach indicators, perform targeted investigation, incident scoping, hunting and response actions. On top of that our Enorasys Security Analytics platform provides continuous profiling and analysis of all outbound Internet activity enabling the automated hunting of C2 channels, while MS Defender for Endpoint provides the necessary threat hunting, detection and response capabilities at the endpoint level. The combination of these three technology components supported by a series of backend analytics and threat intelligence tools are used for connecting the dots to attack paths, by mapping and correlating different indicators on the cyber kill-chain as well as for analyzing attack artifacts and threat actors.

## 24x7 Cyber Threat Hunting and Response

Encode's analytics and proprietary behavioral rule-sets continuously generate "breach indicators"; such indicators constitute a "high accuracy" hypothesis setting triggers for the 24x7 threat-hunting team to initiate targeted investigations and hunting processes for continuous identification of breaches, very early in the attack kill chain.



### About ENCODE:

Encode specializes on Targeted Cyber Threats and stands out with its proprietary technology, expertise on cyber security and multiyear experience across vertical industries, coupled with on-going, innovative security research and its highly qualified and talented people. With global operations and local expertise, Encode combines its cutting edge technology with best of breed Cyber Security Operations and Services to augment its clients' cyber security capabilities for the continuous and effective management of advanced cyber threats.