

# Vulnerability Management as a Service (VMaaS)



Exploitation of known vulnerabilities in software remains the greatest cause of security incidents. Having a vulnerability management system is the single most effective way of securing a network.

## At a glance

Delivered by the Secure Applications team, the CGI Vulnerability Management as a Service (VMaaS) allows you to offload the task of discovering what's on a network, identify vulnerabilities and weak configurations. We can also prioritise any risks so you can address them in the most efficient way prioritised by business impact. We report all of this data in an actionable format to your relevant working groups.

## How the service works

### Discover what's on your network

VMaaS can detect and inventory all known and unknown assets that connect to your global hybrid-IT environment, including on-premises devices and applications, mobile assets, endpoints, clouds, containers, OT and IoT.

As a result, we understand the real scope of your network and how it changes over time, so that we can identify any devices which shouldn't be on it. Details of OS, configurations, applications, certificates, and more give you a full understanding of your environment, without any of the hassle of running regular internal inventory processes.

### Identify the vulnerabilities

VMaaS shows you what is vulnerable, and how much of a risk each vulnerability presents. We continuously detect software vulnerabilities with the most comprehensive signature database, assess security-related misconfigurations based on CIS benchmarks, and assess digital certificates (internal and external) for issues and vulnerabilities.

We prioritise the findings and present them in an easily digestible format so you can take action.



“Executive Staff should be as aware of the major vulnerabilities in their IT estate as they are of their financial status”

**National Cyber Security Centre**

## Ensure compliance

Whether you have an obligation to meet PCI requirements, or other industry standard policies, VMaaS can alert you to any failures. This means you can resolve them prior to an audit.

## Remediation

VMaaS provides your remediation teams with prioritised patch instructions so you can reduce the risk to your business as efficiently and quickly as possible. Alternatively, our Secure Applications team, working alongside CGI's Global Technology Operations team, can provide a full remediation capability in a single package for you.

## Enhance cyber capability

Vulnerability information can be shared across other cyber services, such as Secure Operations Centre (SOC) services or Cyber Threat Intelligence (CTI) services. Alerting the SOC to critical vulnerabilities allows them to keep a close eye on the most vulnerable part of your network until a resolution is found. Sharing vulnerability information with the CTI team allows them to work out whether the latest intelligence indicates a risk on your network.

## Customised Output

What we deliver is the most important aspect of the VMaaS offering - fully customised output, delivered to multiple teams. A patch report to a network team, an OS risk dashboard to the Wintel team, or a monthly executive summary highlighting critical risks to an executive team. The Secure Applications team will work alongside your people to generate outputs that provide actionable intelligence, and then continue to iterate them over time to make sure they stay relevant.

“Organisations should have a vulnerability management process which enables them to know what vulnerabilities are present within their IT estate on a regular basis”

## National Cyber Security Centre

## About CGI

### Insights you can act on

Founded in 1976, CGI is among the largest IT and business consulting services firms in the world.

We are insights-driven and outcomes-based to help accelerate returns on your investments. Across 21 industry sectors in 400 locations worldwide, our 82,000 professionals provide comprehensive, scalable and sustainable IT and business consulting services that are informed globally and delivered locally.

### For more information

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