

# VivaCity Case Study



Service:  
Cyber Essentials Plus

## How VivaCity was able to provide client assurance with a Cyber Essentials Plus certification

### The Requirement

VivaCity provides an Artificial Intelligence (AI) solution that offers detailed and anonymous data insights to optimise the transport network and improve urban infrastructure. It makes intelligent cameras to monitor various modes of transport, with a key mission to help cities overcome their biggest transport challenges.

To achieve Road Safety, Environmental and Active Travel targets, it's essential that planning and decision-making is informed with high quality data insights. Utilising cutting edge AI-powered computer vision, VivaCity's sensors capture anonymised multimodal data, designed to provide cities with the most accurate, reliable and scalable insights.

VivaCity works closely with government departments and councils to provide data insights. Public sector clients have either asked for Cyber Essentials certification as part of contractual obligations or have asked for evidence of the certification being in place.

VivaCity's certification needed to be renewed in order to comply with these contractual obligations and to continue partnerships with other public sector clients. Support was needed to achieve certification as the scope for renewal had changed since the last certification was awarded.

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## The Solution

As part of the Pass First Time package, DigitalXRAID consultants closely guided VivaCity through the Cyber Essentials self-assessment questionnaire, advising where more information was needed and what should be included, in order to guarantee passing the first phase of the certification.

Once the first phase of the Cyber Essentials certification was completed, DigitalXRAID worked with VivaCity on the requirements for the next phase of the certification, to be awarded Cyber Essentials Plus.

DigitalXRAID tested VivaCity's assets, including workstations and mobile assets, against the five key security controls mandated by the National Cyber Security Centre (NCSC) under the Cyber Essentials Plus certification scheme:

- Boundary Firewall and Internet Gateway
- Access Control
- Malware Protection
- Patch Management
- Secure Configuration

At the completion of the vulnerability scan, DigitalXRAID provided a clear report that detailed any vulnerabilities that required improvement in order to meet the certification benchmarks, plus guidance on how to mitigate any issues that had been identified.

Once the updates required to meet the benchmarks had been actioned, DigitalXRAID performed a re-test to ensure that the vulnerability scan element of the Cyber Essentials Plus certification had been successfully completed.

Following an official audit, VivaCity was awarded Cyber Essentials Plus certification.

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## The Results

By achieving Cyber Essentials Plus certification, VivaCity has formalised security measures and protected the organisation against 80% of online threats, providing protection against phishing, ransomware, malware and network attacks.

VivaCity's clients now have the assurance that certification is in place, their data is safe and secure, and the government-backed certification is listed on the NCSC website for added assurance and proof of achievement. With increased client confidence, VivaCity can retain and attract new business relationships.

As part of the Cyber Essentials Plus certification process, VivaCity has been able to identify some aspects in its environments that needed to be solved, so has been able to remediate any minor issues to provide a more secure posture for the business.

"DigitalXRAID guided us through the entire detailed certification process to ensure that we provided the information needed to pass at each phase.

Having the support of the DigitalXRAID team has been invaluable not only in renewing our certification but also in advice to improve security measures within the business to improve posture."

*Cayce Hengeveld, SecOps Engineer, VivaCity*

DigitalXRAID are an award-winning managed security services provider dedicated to providing our clients with state-of-the-art cyber security solutions. We specialise in Vulnerability Management, Threat Intelligence, Information Security, PCI-DSS, Penetration Testing, Managed Security Services, Security Consultancy, and offer a fully managed Security Operations Centre (SOC) for your complete cyber security protection.

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