

Central Networks & Technologies Ltd - Central Networks AppCheck vulnerability scanning service



Crown
Commercial
Service

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Central Networks and Technologies Ltd (Central) were founded in September 1991 by Christopher Mycock. In the earlier years Central was responsible for running the core ICT systems for many of the UK Magistrates Courts Services, which involved moving and hosting the mainframes and employing staff via TUPE. We also have a focus in the Housing Association and not-for-profit sector. In the last 10 years we have migrated many of our customers to cloud or partial cloud provision.

Our customer base is diverse in terms of size, geography, skills, business requirements and objectives. We have recognised this and created a solutions and services portfolio that can be tailored to meet the individual requirements of all our customers. Some of our customers have large ICT teams and only look for assistance where they have investigated and exhausted every avenue. Others are far smaller, where finance officers often take on ICT responsibility and need additional help and assistance. Central provides a bespoke service to each of our customers, providing best value for money and an ICT service which matches their requirements which assists them in delivering their objectives.

Central Networks - Vulnerability scanning service

Introduction

AppCheck is a software security vendor based in the UK, that offers a leading security scanning platform which automates the discovery of security flaws within organisations websites, applications, network, and cloud infrastructure.

Their proprietary and innovative scanning technology is built and maintained by leading penetration testing experts, offering unparalleled accuracy and detection rates. Our continuous aim is to bridge the gap between manual and automated testing and to emulate the process of a manual penetration tester.

Their area of specialism lies within testing complex websites and applications. Not only do we detect vulnerabilities with known signatures, it's our ability to detect some of the hardest to reach security flaws using a first principles methodology that is setting us apart from other vendors and is why we're now trusted by some of the worlds most recognised brands.

Users can run unlimited and continuous scans and can track and analyse discovered vulnerabilities through the vulnerability management platform. All licences come with unlimited users meaning multiple departments can run scans against a variety of environments such as live, UAT and SDLC enabling our software to discover vulnerabilities 24/7.

The commercial model is very transparent which is delivered through our trusted global partner program and direct sales team which is based in the UK. There are multiple licence models available that are all fully scalable meaning that our solution caters for SME's and education, through to public sector and blue-chip organisations. Due to the large range of clients we support, we also offer

several tailored support services, each depending on our client's requirements and technical understanding which puts our services and support at the heart of what we do.

Features and Benefits

Advanced Crawling Engine

Crawl complex, modern applications with ease. Powerful DAST testing coupled with our VulnFeed service enables you to protect your whole organisation from zero-days and 100,000+ known security flaws.

Technology Agnostic

AppCheck takes a first principles approach to vulnerability detection and therefore is not bound to any platform or framework. Dynamic fuzzing technology allows visibility of the true and deeper attack surface.

Authenticated Scanning

Create scripted routes that model user journeys and complete multistep flows through complex web applications to crawl a much larger application footprint.

Bespoke Scan Configurations

Launch scans in seconds with pre-built scan templates from full penetration testing level detail to bespoke CMS specific scans. If you're a power user that wants control, don't worry, scans are also completely configurable.

Adaptable Reporting

At the click of a button, produce professional penetration style reports with a detailed technical narrative, proof of concept examples and comprehensive remediation steps. Or for top level details, use our executive summary reports.

Vulnerability Management

A customisable view of your security posture at any given moment in time. Assign vulnerabilities, track remediation progress and re-scan each vulnerability to test the effectiveness of applied fixes.

Implementation

Topology

For visual representation of the setup and how AppCheck integrates:



Overcome your security hurdles



Scan APIs, SPAs, Infrastructure & Modern Web Apps

Thoroughly scan and test your Single Page Apps (SPAs) and APIs including Swagger (Open API), GraphQL and SOAP endpoints for security flaws, with our powerful browser based crawler.



Technology Agnostic

AppCheck takes a first principles approach to vulnerability detection, and therefore is not bound to any platform or framework. Dynamic fuzzing technology allows visibility of the true and deeper attack surface.



Manage your security like a team 10x your size

Whether you are scanning 1 or 1,000 applications or hosts, discover and manage the latest security flaws like a team ten times the size. Each licence offers unlimited scans and unlimited users so you can share findings across all teams and scale as you grow.

Vulnerabilities

By Impact By Host By List

Vulnerabilities by Impact

Search... Filters Applied 7 Show Resolved Filter Type

CVSS 2	CVSS 3	Name	Assignee	Host	Target	Parameter
▶ High (771) ▶ Out-of-band XXS Triggered ▶ XXE Vulnerability detected ▶ Insecure Direct Object Reference (IDOR) ▶ Poisoned Password Reset Link via X-HTTP-Host_Override header						
▶ Medium (1,438) ▶ Possible Data Disclosure via 'orders' GraphQL Query ▶ TLS Server Name Indication Server Side Request Forgery (SNI S... ▶ HTTP/2 Out-of-Band Service Interaction (HTTP)						
▶ Low (3,719) ▶ Azure Storage Container: Indexing permitted & Interesting Files Found ▶ Application hostname not restricted ▶ GDPR: Sign-up or contact form includes 'opt-in' check box that...						

Word Report Excel Report

Central Network example service overlay:

- Establish a review frequency to discuss the report (monthly or quarterly)
- Schedule review meetings for the year
- Central engineer will run through the vulnerabilities with the customer over a 30 min meeting.
- Output of the meeting is to decide who should own remediation activity (Onsite team, central, 3rd party application vendors, web hosting, etc etc)
- If Central have been assigned remediation tasks, these will be roughly scoped and scheduled.
- Remediation time will be deducted from engineering days.

Project Development Services

Central have the in-house capability to offer Project Development as a service. The process is to plan, organise, coordinate and control the resources to accomplish specific goals. Therefore, with initial collaboration (as described above in Early Planning) we would set some aims and objectives as to what you would like to achieve and then create the process to successfully achieve them. Our strategy would follow a simple formula; initiation, definition, design, development,

Hosting Managed Services

Central can provide the whole end-to-end consultancy and management services for your infrastructure in and out of the cloud, as well as the recommended hardware to refresh or replace legacy systems as a reseller of any trusted vendor.

A summary of the hosting managed services we offer are as follows:

- Recommended Hardware to integrate with existing hardware infrastructure systems
- Hosting in the cloud and all maintenance required, whether that be through our Central Private Cloud, Public Cloud or a Hybrid Cloud solution.
- Server management and maintenance.
 - This covers the following:
 - Critical security patches
 - OS Patches – testing and deployment
 - Anti-virus updates
 - Firewall testing and maintenance
- Pro-Active Monitoring of server performance and function
- Infrastructure orchestration, implementation, testing and on-going maintenance.

Offboarding Managed Services

Central offers a range of services to support offboarding which include:

- Content archiving
- Content exports
- Supply of all IPR materials including designs and content

Services related to the maintenance of on-going provision

This incorporates all the above services as detailed; Project Development, Hosting Managed Services, Off Boarding and any further maintenance of equipment or project management of products and services we have recommended. Our Engineers can be used for ad-hoc project work, and additional engineering days can be booked as little as two weeks in advance for upgrades or for additional work as and when required. Our goal is to be a one-stop shop for all your IT needs now and in the future.

Managed Support Services with certified ITIL Service Desk Provision

Central's service desk can handle 1st, 2nd and 3rd line support, as standard for any organisation.

We create a Service Level Agreement (SLA) for every single customer, which is customised to your needs, and will cover as many or as little of our services that you deem is business critical for your

individual organisation's strategy. This will depend largely on your own resources and staffing. It is created in collaboration with you and what you want from a support contract. We will not add to the SLA without consultation with you first, and you are invited to change/amend/add to the contract before being signed off.

The service desk is based upon ITIL Service Management Methodology, and each member of the service desk team is ITIL certified. Clients can interact with the service desk team via email, telephone and an online portal, that tracks each enquiry as it is received.

The key functions of the service desk are summarised below:

- Service Desk – incident and service request management in real time for 3rd line support.
- Problem Management
- Change Management
- Release and Deployment Management
- SLA management and service reporting as standard
- Configuration Management
- Service Management Plan
- SLA documentation

Additional services that can be added to the SLA include the following, however this is not an exhaustive list and we are always open to any specific requirements.

- 1st Line Support
- 2nd Line Support
- Central Cloud 24/7 Service
- MAC Service
- Central Monitoring – as standard
- Central Daily Early Notification Service
- Cloud Preparation service – incorporating a systems and networking health-check as described earlier in the consultancy service description.

Confidentiality and Copyright

This document and the information set out herein is confidential and is not to be disclosed or discussed with any person or party not associated with the selection of a service provider. The information in this proposal is a suggested technical offering. We reserve the right to amend or withdraw our proposal. Any typographical, clerical or other error or omission shall be subject to correction without any liability. The copyright in this proposal and any associated information or documents that we may provide remains vested in Central Networks and Technologies Ltd.