The global application security testing industry is changing. Applications and application programming interfaces are critical to every facet of our private and corporate daily lives. To meet this changing paradigm, edgescan™ offers continuous **Dynamic Application Security Testing** (DAST) integrated with deep dive, business logic **penetration testing** through our edgescan™ advanced licence. This combination of automation and manual testing on one platform allow enterprises meet the ever-increasing demand for accurate and useful Application Security Testing (AST) intelligence. See details of our DAST and Business Logic Penetration Testing services below.

edgescan™ standard / (DAST)

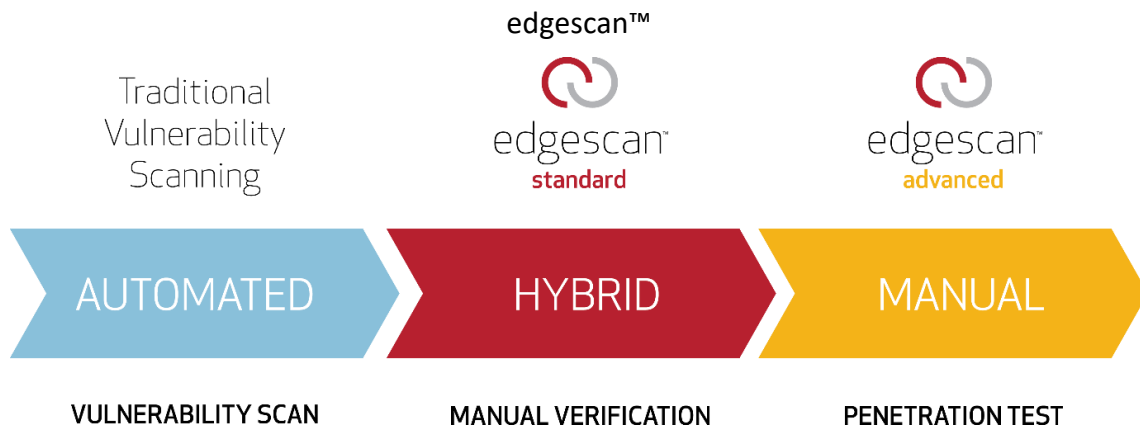| APPLICATION ASSESSMENT		
All OWASP top 10 (2013) vulnerabilities	HTTP caching control	OS command injection
Application framework - known vulnerabilities (spring / struts / zend / django / .net, etc.)	HTTP header injection	Persistent session cookie
Autocomplete attribute	HTTP only session cookie	Remote file inclusion (RFI)
Buffer overflow	HTTP response smuggling	Server side injection
Content spoofing / HTML hacking	HTTP response splitting / pollution	SQL injection: error based, time based, boolean conditional, MySQL, MSSQL, Oracle, etc.
Cookie access control	Improper input handling	Unsecured session cookie
Cross site scripting (XSS) – reflected / stored	Improper output encoding / content type encoding	URL redirect security
Data / information leakage	Improper file system access control	XML attribute security
Directory indexing	Insufficient SSL / TLS / transport layer protection	XML external entities
DOM XSS	Integer overflows	XML injection and schema security
File path traversal	LDAP injection	XPath injection
Format string attacks	Mail command injection / redirection	

edgescan™ vulnerability intelligence

ADDITIONAL SECURITY INTELLIGENCE		
Alerting on all notable events SMS & email (this is programmable and can be raised against any event)	Enumeration of internet facing hosts by address and hostname.	"Host tagging" to add greater clarity to reports and vulnerability display. Tag IP's with customised ID's to help with asset identification.
Document OS and software versions on all systems managed by edgescan™.	Host Index Discovery & Enumeration – (HIDE): An asset register of all hosting systems and associated live services across all servers managed by edgescan™.	Identify unnecessary and insecure services and ports which are live on your systems.
Auto Web Application Firewall (WAF) Rule Generation. edgescan™ will generate WAF rule scripts to virtually patch against application vulnerabilities.	edgescan™ vulnerability intelligence integrates with other security and business systems through it's open API.	Role based access for segregation of asset data and separation of critical remediation intelligence.

DIGITAL SECURITY RADAR

"Notable Vendor" in Gartner's Magic Quadrant for Managed Security Services
Gartner

Contact us:
IRL: +353 (0) 1 6815330
UK: +44 (0) 203 769 0963
US: +1 646 630 8832
sales@edgescan.com
www.edgescan.com

edgescan™ advanced (Penetration Testing)

In addition to the edgescan Standard (DAST) testing (above) penetration testing attempts to discover issues which scanners generally don't detect. The discovery of such issues are unique to Penetration Testing or using an edgescan Advanced license as the issues are contextual and require human intelligence to discover and exploit.

DEEP DIVE PENETRATION TESTING		
Anti-automation assessment	Credential / ID / session prediction	Session fixation / expiration weakness
Authentication weakness	Cross site request forgery (CSRF)	Vertical authorisation weakness (privilege escalation)
Brute force	Horizontal authorisation weakness (peer-to-peer)	Weak password recovery
Business logic weakness / functional abuse / state logic weakness	Insecure indexing / direct object access	

edgescan™

Traditional Vulnerability Scanning

edgescan™ standard

edgescan™ advanced

AUTOMATED → HYBRID → MANUAL

VULNERABILITY SCAN

MANUAL VERIFICATION

PENETRATION TEST

ABOUT edgescan™

edgescan™ is a SaaS (Security-as-a-Service) managed service delivered by BCC Risk Advisory. It is a highly accurate cloud-based, managed penetration testing solution which helps clients discover and manage security weaknesses on an ongoing/continuous basis.

edgescan™ is unique, being the only hybrid full-stack solution of its kind in Europe, Middle East and Africa "EMEA". With over 500,000 assets under vulnerability management, edgescan™ is a listed "Notable Vendor" in Gartner's Magic Quadrant for Managed Security Services.

WHAT YOU GET
- Technical & logical security assessment
- Multiple scanning engines
- Expert manual verification & risk rating
- Trending / metrics / reporting
- Continuous security visibility & intelligence
- Full-stack security (network & application layer)

edgescan™ significantly reduces the cost of ownership while increasing cybersecurity resilience and interoperability significantly.

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