



# encription

IT Security and Forensic Services

## WEBENCRYPT DAILY WEB SITE SECURITY SCAN

### INTRODUCTION AND BACKGROUND

It is not only large corporates and public sector organisations that are targeted by hackers. In fact as the larger organisations develop sophisticated protection systems there is an increasing occurrence of hackers penetrating the information systems of smaller companies as they are seen as 'easy pickings'.

They do this to access confidential and sensitive information for financial gain, competitive advantage or just plain disruption. Criminal hackers are becoming more effective as the tools available to them gain in sophistication, become more difficult to detect and increase in number every day.

The two most common and effective routes of access are via websites and people.

Encription is now offering companies a simple, low cost approach to testing the security of their websites against potential hackers and to position themselves against potential future attacks by utilization of our WebEncrypt product.





## WEBENCRYPT - DAILY WEB SITE SECURITY SCAN

### THE WEBENCRYPT SERVICE

#### IMPLEMENTATION OF THE ONGOING WEBENCRYPT SERVICE

Following an initial test the full WebEncrypt service will be implemented at the appropriate frequency, usually daily depending whether or not vulnerabilities were found in the initial test.

If no vulnerabilities are found then the following Encription verified logo will be displayed on any or all pages of the tested website.



Date will be the date the test was last carried out

The purpose of the Encription verified logo is to demonstrate to visitors to the site that it has been checked for security threats and received the all clear at the date on the logo. This will be encouraging for partners, clients etc and act as a deterrent to potential hackers.

The date on the Encription verified logo will be updated after each test providing no vulnerabilities are identified.

**If vulnerabilities are found** the customer will be expected to take the recommended remedial actions after which Encription will complete a re-test as confirmation that the actions have been implemented successfully and if the test confirms this and no vulnerabilities are identified then the Encription verified logo, as described above, will be displayed on any or all pages of the nominated website.





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### THE ONGOING SERVICE

The WebEncrypt vulnerability test will be run at an agreed frequency as defined in the contract and will identify new vulnerabilities which have been introduced to the system since the last check. If no vulnerabilities are found or those that are found are rated as informational or minor then the date on the Encription logo will be updated.

If a new vulnerability is found, a report will be sent to a designated email address with the appropriate details and any recommendations for the rectification thereof.

If the problem is not rectified within 48 hours the logo will be removed until Encription is informed that the vulnerability has been rectified and has confirmed this with a further test. During this period tests will continue to be run at the agreed frequency.

### Vulnerabilities are defined as:

- + Informational
- + Low

- + Medium
- + High
- + Critical

### TEST FREQUENCY

Frequency of the tests can be daily, weekly, monthly or quarterly the most suitable of which can be assessed by applying the Encription threat posture calculation test.

### ELEMENTS TO BE TESTED

The following items (if installed) will be tested during each test:

1. IP address of the website
2. Validity of SSL certificate
3. Code Injection vulnerabilities
4. Server mis-configurations
5. Open ports
6. Vulnerable software



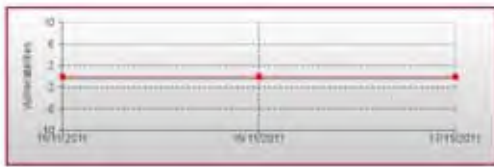


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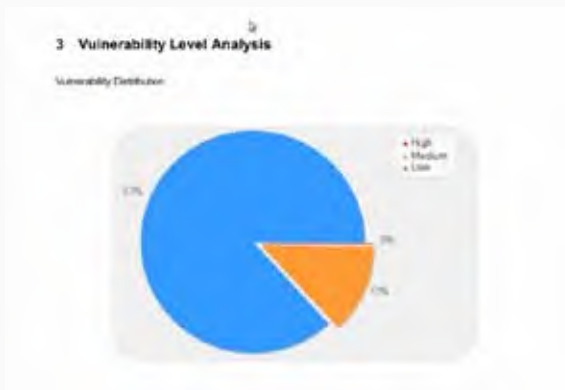
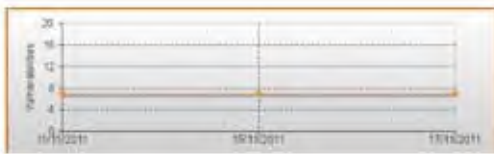
### APPROACH

Tests will be conducted remotely, using Encription Limited's secure servers, at the agreed frequency, from Encription secure servers utilising Encription approved tools and techniques and conducted by experienced Encription resources.

### REPORTING



Medium



A report containing the above and remediations required will be sent to a nominated recipient.

### VULNERABILITY RECTIFICATION

The report from the test will set out recommendations for the rectification of vulnerabilities which can then be used by the customer to brief their IT and website providers.

