

## Logical Perimeter Scan

### Issue

Most major companies maintain a well protected logical perimeter in order to prevent unauthorized external access to their IT systems. Considering all potential external access paths this perimeter is increasingly complex. It must certainly cover standard Internet and Extranet related communication paths. But also other paths need to be considered, e.g. Telephone networks, wireless connections, physical access paths, remote access facilities, etc. Best practice requires that perimeter security is carefully designed and appropriately protected such that any potential weaknesses cannot be abused.

### Cnlab Services

Cnlab is providing a technical platform for on line activity planning and reporting. Cnlab is also providing infrastructure and tools for performing automated scans. Further, Cnlab provides set of (currently some 50) standard modules which can be selected by the customer for the analysis of his setup.

The Cnlab methodology is based on our own experience from more than 10 years in the field, and on the common standards (such as ISO 17799, BSI, OWASP, OSSTMM). Further, such projects are normally synchronized with customer's internal standards.

### Project Sketch

The project starts with an initial setup phase which includes the preparation of the technical systems, and the first planning of the activities to be performed. Activities include ongoing measurements (e.g. weekly Internet application security scan) and on-demand reviews (e.g. WLAN war walking of selected locations). Results of all activities are made visible on line in the form of statistics, and in the form of monthly reports. Planning can be adapted according to customer's needs at any time.

Work depends on perimeter complexity and on the focus of the investigation. Typical assignments start from 50 days, and can go up to 200 and more days for large and diverse installations

### Success Stories

Perimeter security scanning has been implemented and operated for a major Swiss bank since 2 years. Experience shows that the concept supports the bank's security organization in their daily work, as it simultaneously allows consistent and systematic measurement of the available infrastructure and risk based in-depth analysis of selected areas as required by the actual bank's needs.

### Cnlab contacts

Detail Information on Internet Scanning reviews can be obtained from the following Cnlab representatives:

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