



<b>Document title:</b>	<b>Document type:</b>	<b>Version:</b>
Ethical Hacking network DELTA BANKA 20041002.03	Offer	1.1

Milano, 16 February 2004

Resp.  
**Delta Banka**  
Belgrade  
Serbia and Montenegro

Offer number. 20041002.03

**Recipient: Vladan Petrovic**

**Subject: Ethical Hacking network Delta Banka**

Considering free simulation as a demonstration of our technical capabilities only, we are sending you an offer as a proposal of collaboration model.

While waiting response from you, we wish you a successful week.

Best regards,

**Hacking Team Srl**

**Gabriele Parravicini**  
Sales manager

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# Offer Ethical Hacking network DELTA BANKA

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## 1. DOCUMENT HISTORY

Version:	Date:	Status:
1.0	02 February 2004	Emission
1.1	10 February 2004	Correction

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## **2. CLIENT REQUEST**

Client requested continuous audit of security level of publicly available network (for a defined period with defined dynamic), through the ethical hacking activity of HackingTeam Italy.

## **3. SOLUTION PROPOSAL**

Proposed intervention include following steps:

- Ethical Hacking probe **level I**

**First level probe** is defined as a simulated attack from the Internet within public available IP addresses (servers) owned by Delta Banka (*up to 20 IP addresses*). Security segment is going to be examined and every detail will be included in Security report which is going to be delivered to Delta Banka. Planned **dynamic** for *security probe level I* is **90 days** with expiration after one year, which is 4 **level I** probes.

### ***NON-INVASIVE ANALYSIS***

#### **FOOTPRINTING**

In this step HT is determining domains, network blocks and IP addresses of computers connected directly to Internet. Goal is deep examination and information gathering. Resources used are: Search Engines, whois servers Arin/Ripe data base, interrogation to dns etc.

#### **SCANNING**

Scope of this step is to obtain a clear picture of network's complexity and its subjects which are going to be attacked. Aim is to define activated services and operating systems. In fact, to obtain all the information regarding servers that may be useful for further invasive activities. Resources: ICMP interrogations, scanning tcp and udp ports, fingerprint of stack etc.

### ***INVASIVE ANALYSIS***

#### **ENUMERATION**

In this step is starting invasive activity. More exactly, "enumeration" activity is starting with direct connections to servers. We are looking for a possibility to identify computers which responded as "reached" in non-invasive fazes. Through enumeration we are defining the presence of valid accounts, shared resources, active applications that are listening to different ports. Used resource depends on operating system within the computer.

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## **ATTACK**

During this phase, resources are: published, non published and custom created or generated attacks (exploits).

## **GAINING ACCESS**

Once obtained information from the steps above, it starts a real attack that has the goal to enter into the remote system.

## **ESCALATING PRIVILEGES**

The goal of this phase is to exploit results obtained during the previous phases intending to obtain full control of remote system that we are attacking.

## **CONSOLIDAMENTO**

### **PILFERING**

Once obtaining full control of targeted system, HT is free to analyze system's configuration and to use it in further attacks. It means that in this moment computers became "trampolines" that allow us to attack other computers within the network.

### **COVERING TRACKS**

When attack is finished HT is looking for a possibility to cover all the tracks which have been created during the attack. Details are included in the report.

- **Reporting**

Every 90 days within one year HackingTeam-Italy is going to deliver a report *security probe level I* which includes deep analysis of public available servers.

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#### **4. REPORTING**

Every 90 days HackingTeam will deliver report which contains following subjects:

- A. **General network information**
- B. **Description of methods used during attack**
- C. **List of servers and its possible vulnerabilities**
- D. **Description of services that helped possible system compromisation (networks, systems, applications)**
- E. **Logs and screenshots captured during the probe**

Also, HackingTeam will attach solutions for possible vulnerabilities that were found during the probe. We will add our conclusions which may help you bringing up security on a higher level.

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## 5. ACTIVITY PLAN

### 5.1. Activity (tipology)

Activity
Definition of <i>boundary</i> for external attack (timing including Saturdays, IP addresses)
Activity - Ethical Hacking
Presentation of a results through reporting: <ul style="list-style-type: none"> <li>Detailed technical report</li> </ul>

Documentation is going to be delivered physically or electronically.

### 5.2. Timing of project realisation

Planned scheme for project realisation:

ACTIVITY	DYNAMIC
Ethical Hacking, probe level I	4 (every 3 months)
Analysis and Reporting – probe level I	4 (every 3 months)

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## **6. RESPONSABILITY**

Responsibility of a Hacking Team is to complete presented project as it is specified in this document; to deliver technical documentation in defined period of time; to clearly explain the activities and techniques used during the project.

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## **7. OFFER - ECONOMICS**

### **7.1. Services**

<b>Services</b>	<b>Description</b>	<b>IPs N°</b>	<b>Price</b>
<b>Ethical Hacking (Probe - Level I)</b>	Ethical Hacking – probe level I – every two months (4 attacks for year) – including activities on Saturdays	<20	<b>€14.000,00</b>

### **7.2. Documents and Reports**

All documents and reports are included in the services.

### **7.3. Total costs**

<b>Description</b>	<b>Total costs</b>
<b>Ethical Hacking</b>	<b>€14.000,00</b>

#### **Special Price for Delta Banka**

<b>Description</b>	<b>Total costs</b>
<b>Ethical Hacking</b>	<b>€12.000,00</b>

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## 8. GENERAL CONDITIONS

### 8.1. General conditions, shortly

#### Payment and general conditions of delivery

Offer valid	30 days
Payment	20% in advance; 20% after first activity 20% after second activity 20% after third activity 20% after fourth activity
Guaranties	1 year

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