



**BECAUSE THE BEST DEFENSE IS A GOOD OFFENSE**

**POB 1596 Ramat Hasharon 47114, Israel**  
**[www.c4-security.com](http://www.c4-security.com)**

**C4**  **Command·Control·Conquer·Cure**

## IF YOU DON'T KNOW HOW YOUR SYSTEM CAN BE ATTACKED, HOW CAN YOU PROTECT IT?

By using the same tools and methodologies that attackers would use, C4 can test your security procedures, discover vulnerabilities and close any loopholes before they're exploited by someone else.

### THE THREAT

Today's IT world has changed considerably. Years ago, IT security professionals could simply wall off internal networks from the outside world in order to protect valuable information. Today, protecting information and ensuring a continuous operation of the system is not such a simple endeavor.

Businesses today typically have several in-house and externally developed applications. With business processes increasingly moving towards web services and with the greater uptake of the software-as-a-service model, many organizations today are exposing data and critical business services to previously internal and controlled applications. These vulnerable applications have proven to be the weakest link in the network chain and have increasingly become an attacker's first route into a critical database containing customer information, credit card data, proprietary data or classified information.

Add to this the fact that the only constant in the IT space is change. Next generation applications and programs are constantly being introduced and utilized providing attackers with a plethora of enticing loopholes and security vulnerabilities that can be exploited.

### THE SOLUTION

One of the most reliable ways to guard against cyber attacks is to regularly conduct Penetration Tests, also known as Ethical Hacking. Penetration tests, conducted by experts, are simulations of real attacks on the network, systems, and applications. These experts are able to identify weak spots and test the effectiveness of security controls within the system. While there are tools available in the market that can help repel or, in the worst case scenario, recover from these attacks, none is as powerful and effective as an ethical hack.

### INTRODUCING C4 - THE TEAM OF HIGHLY SKILLED PROFESSIONALS

C4 consists of leading experts in the field of penetration testing and application security who have acquired an in-depth understanding of attackers' methodologies.

C4's unique knowledge and tools in analyzing protocols and reverse engineering applications are leveraged to ensure that all possible vulnerabilities are discovered and dealt with. C4 can test "where no programmer has gone before" and is not confined by interfaces or obscure protocols and data. After analyzing the business and technical threats, C4's testing services are methodically applied to every component and application. This includes network systems, corporate infrastructure, both generic (such as websites or web-services) and proprietary protocols and applications and databases, ensuring a complete analysis of the entire system.



When dealing with proprietary protocols and software, which many clients use, solutions are hard to find. Due to their uniqueness, many businesses overlook these applications as they do not meet any generic requirements. However, this does not mean that they are safe from attacks. It is in this realm that **C4** excels.

**C4** is able to analyze the system and tailor a solution to ensure the application is impenetrable from attacks. The solution is presented as an add-on product that can be integrated into the network without interfering with the system's internal workings.

**C4** have provided their leading-edge expertise to tier one companies including Checkpoint, First International Bank of Israel, IDB Holdings, Med1 Communications, and Visa among others.

**C4** has a clear understanding of the threats that face both organizations and their applications, whether it is security trading or plant floor automation, and use our know-how and expertise to locate and neutralize these threats.

## SERVICES

**C4** conducts Penetration tests of:

- **Web applications**
- **Web services**
- **Proprietary protocols and applications**
- **Client/Server applications**
- **Networks - Internet/Extranet/Intranet audits**

Security reviews and risk assessments:

- **Secure design reviews**
- **Code reviews**
- **Deployment reviews**
- **Corporate policy reviews**

## SUMMARY

While penetration tests are not a panacea for all security challenges, they do provide a critical service to companies wishing to secure their assets from any malevolent activity. The reality of the world today is that disruption of services and information leakages result in significant losses to companies, regardless of the industry in which they operate.

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