



# Cyber Security Competency Center

Overview

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As data and information have become intertwined with our daily life; they can be fairly regarded as the top asset of companies around the world. A study of 5000 organizations by research and advisory firm Corporate Executive Board (CEB) revealed that the ability to analyze and glean insights from data is a priority for global organizations.

As much as data is constantly on rise, hackers find creative ways to attack organizations; businesses as well as governmental institutions. There are two main topics to be taken into account while defining a security strategy. One is data security, which means protecting the organization data assets from destructive forces and unwanted actions of unauthorized users, (ranging from hardware-based security to backups or data masking), and the other is cyber security which consists of protection against hackers who go after the bigger “fish”: cause service shut down and create damage at all levels. However, things get a whole lot complicated, as attackers employ multi-vulnerability attack campaigns, which target the application infrastructure in several layers: the network layer, the application layer and the server layer. Running multiple attack vectors that aim for multiple vulnerabilities of the target IT infrastructure is highly destructive, while the business gets severely damaged. We have identified four vulnerable levels at which hackers favor their attacks:



### Mobile threat

The mobile area is the most vulnerable zone, as it is less developed in terms of security. Moreover, we identify a double issue here, as besides the “commercial” damage we encounter the “privacy” issue (the hacker gets a hold on sensitive personal information)



### Cloud-commercial threat

Cloud deployment model poses special challenges, these of the environment which is shared with multiple other applications and at the same time can potentially hold very sensitive data about the users. Usually, cloud vendors provide solutions for securing access to the data and the application, as well as solutions aimed against the cyber threats (such as DDoS insurance).



### Desktop threat

This is a very vulnerable area and often an open gate to the organization data assets, highly exposed to social engineering attacks. We are aware that the challenge here is to provide access to the employees while also secure the access against outward threats.



### Data center threat

As this is the core of the organization; most companies invest a lot in securing the data center, while leaving the gates of the other access points “wide open”.

## Ignite Security Center of Excellence helps Vendors & Enterprises to create a cost balanced security plan optimizing technology, processes, applications and more.

There is an urgent need for creative thought leading to the next generation of cyber security capability. Current approaches are simply not able to meet the demands of a global society growing in cyberspace. Success will necessarily require an ability to anticipate, deter, detect, resist and tolerate attacks, understand and predict cyber risks and respond and recover effectively at all levels, whether individual, enterprise, national or across international markets.

Our Security Center of Excellence has been established to bring together experts from different areas, to address the cyber security challenges of the 21st century. It's a team who understands the attacks and knows the best strategies to prevent them.

Threats	Mobile	Desktop	Cloud	Data Center
<b>Malware</b>	Code Hardening, Anti-Malware Solutions	Code Hardening, Anti-Malware Solutions	N/A	N/A
<b>Identity theft</b>	Anti-Malware Solution, Code Hardening	Anti-Malware Solution, Code Hardening	2-way authentication, code hardening, application firewalls	2-way authentication, code hardening, application firewalls
<b>Data Leaks</b>	Code Hardening, Anti-Malware Solutions	Code Hardening, Anti-Malware Solutions	Behavior-based access, application firewalls, auditing & logging	Behavior-based access, application firewalls, auditing & logging
<b>DDoS</b>	N/A	N/A	DDoS Insurance, code hardening	DDoS insurance, code hardening
<b>Cross-site scripting attacks</b>	Browser configuration	Browser configuration	code hardening, application firewalls	code hardening, application firewalls
<b>Man In The Middle</b>	Code Hardening, Anti-Malware Solutions	Code Hardening, Anti-Malware Solutions	Secure Protocols (SSL)	Secure Protocols (SSL)

## Meet our Team

Our Security competency center is led by a talented & experienced team of top notch professionals in the Cyber & Security arena.



### ***David Elkind – Head of Security Competency Center***

David started his career as a hacker who was intellectually passionate to understand how to break software barriers and grew up in the security area working for leading companies like HP, BMC, Limelight Network, Aternity and more. His experience extends to various areas of expertise, starting with writing viruses, breaking applications and licenses, firewall developing, extensive experience in the kernel of Win and Linux. He has more than 20 years of industry experience and his proven track record of excellence recommends him as one of the most high profile professionals in his field. His ability to lead, inspire and coach people makes us proud to present David as the Head of our Security Competency Center.



### ***Aviram Eisenberg – Technology & Business Strategist***

Aviram started his career in the IT arena during his army service at 8200, an elite intelligence unit. It is well known that high percentage of 8200 graduates serves in leading positions in the Israeli high-tech industry mainly in the security & cyber sectors. Prior to establishing Ignite, Aviram served as the Chief Architect for MIND CTI and provided solid leadership for the architecture group, the group that defines the Company's next generation solutions. He designed and managed software projects for strategic customers like Vodafone and Hutchison and managed on-going technical relationships with big companies as Oracle, Sun, IBM, HP and others. Aviram led countless projects at Ignite as an architect and true evangelist. He provided solid leadership for the architecture group, the group that defines the company's next generation solutions. His deep insight and intuition, led to a perfectly balanced optimization in terms of security which always proved perfect in meeting the business requirements. Aviram is the one introducing the perspective of a "controlled" security to fit in perfectly on a business level. As a strategist, Aviram always plans and thinks several steps ahead. His level of commitment and outstanding delivery, positions him in a league of his own. His insight and long standing experience proves him as an expert in assisting companies design more secured and better software applications.



### ***Ed Gonen –Network Security Expert***

Ed has developed the first windows firewall in Israel so he is a very prominent figure on the market and a highly experienced technology specialist. Moreover, Ed holds several technological patents which are registered in USA, mainly in the area of methodologies to handle and collaborating video and multimedia sessions over IP. As he holds 5 patents, Ed proves as a true visionary and a very valuable member of our team. Throughout his career, Ed has leveraged deep understanding of software and technologies to develop and release products to the commercial markets. He has defined strategic partnerships with main market players as Microsoft, IBM, Alcatel, WebEx and more. Ed has also developed the first Windows firewall in Israel for Net Guard. Moreover, he was responsible for definition architecture and development of the core assets such as Polycom Conferencing Application Server, Decision Matrix, device management, SIP, Network topology and many more. He was responsible for the intellectual property protection – patents and applications. Ed is a man with true innovation and vision in the software industry. A gifted communicator, visionary and tactician, Ed certainly has it all.

## How Ignite could help your business ?

What really sets us apart from the competitors on the market is our great expertise, prominent team and our unique approach towards delivering the perfect applications. We are proud to present the best solutions out there! Our offering includes consultancy in the following areas:



### Architecture design

preparing the infrastructure environment by optimizing the use of system resources to meet key business demands. In order to develop architecture with excellent system qualities, we promote a structured thinking process, so that the correct decision can be made to select the best possible option.



### Audit on existing applications

we collect and evaluate evidence to determine whether a computer system has been designed to maintain data integrity and safeguard assets, thus allow organizational security goals to be achieved effectively.



### Vulnerability Analysis

To reduce the security risks posed by software vulnerabilities, we strive to address both the number of vulnerabilities in the software that is being developed, as well as the number of vulnerabilities in the software that is deployed.



### Code Review

identifying the insecure piece of code which may cause a potential vulnerability in a later stage of the software development process, ultimately leading to an insecure application. This is a very important stage, as major part of attacks happen due to an insecure application, inside which includes insecure code.

## About Ignite

Ignite is a pure play Software Development Outsourcing company that provides a fresh, open approach to enterprise-scale software solution development for Independent Software Vendors worldwide. Ignite provides an agile global delivery model with Israeli, European and U.S. onsite personnel that bring their domain knowledge in the Telecom, Finance, E-Commerce, Social Networking, Gaming and Web 2.0 verticals in the front, and highly-skilled developers and testers in several Offshore Development Centers (ODC) in Eastern Europe.

To learn more which model is best suited for you, contact us



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