

W S O F D



www.difose.com

**DIGITAL
FORENSIC
&
CYBER
SECURITY**

Who We Are



founded in 2013, DIFOSE is a private firm dedicated to providing a superior level of investigative, consulting, and training services to our clients at international standards. Ever since we have evolved and have increased the quality of our services with the aim of exceeding the expectations of our clients. Within this framework, we provide high-quality cutting-edge digital forensics, data recovery & destruction, incident response, eDiscovery, training, lab design, and establishment services in our offices, labs, and training center located in Istanbul and in Ankara. We work with the principle of delivering our services completely at the exact planned time, and we hold the trust and the privacy of our clients above everything.

DIFOSE provides these services with a team of a uniquely qualified blend of experts who devoted their years to these fields. DIFOSE expert team have the passion of providing the best services in the ever-changing cybersecurity landscape, through a highly professional attitude in dealing with our clients' evolving needs. With this forward-thinking mentality, deep knowledge, and expertise in the cybersecurity realm, our team members have been working on a number of international cases, and they are recognized as expert witnesses by judicial authorities. DIFOSE experts are providing expert witness reports to the courts in many countries including Turkey, the USA, Great Britain, and Germany.

We provide some of the services with our partner firms Cyber Diligence Inc – the USA, Binalyze OÜ-Estonia, and Neox Network GmbH- Germany. DIFOSE and Cyber Diligence Inc. both have the digital forensics and data recovery labs at the same standards, and our teams have globally performed a number of cases together.

We work together with Binalyze OÜ-Estonia about incident response and malware analysis, and with Neox Network GmbH about network forensics and analysis.



WHY Our Differences

- ✓ More than 4.500 case experience
- ✓ Up-to-date software and hardware
- ✓ Digital Forensics & Data Recovery Labs
- ✓ International experience and references
- ✓ Academical studies with the universities
- ✓ Law enforcement and expert witness experience
- ✓ Internationally accepted expert witness services
- ✓ Training cooperation with NATO, OSCE, UN, INTERPOL, Council of Europe, InfoSEC Global and Logical Operations
- ✓ Solutions-oriented & turn-key services

**100%
cyber
immunity
is just a
fairy tale!**

What We Offer

- **Incident Response**
- **Digital Forensics**
- **Malware Analysis**
- **Data Recovery**
- **Data Sanitization**
- **Lab Design & Establishment**
- **TSCM**
- **Training**
- **Consultancy**



Incident Response

Companies are increasingly transforming their business processes into digital technology in order to maximize their competing power. This obligatory move into the complex digital world automatically brings cybercrime vulnerability together. Although double edge cyber sword offers companies new business opportunities, it also increases cyber risks and provides criminals with the ability to employ their attacks quickly, cheaply, and anonymously.

How DIFOSE handles Incident Response?

With a team of uniquely qualified digital forensics and incident response (DFIR) experts, DIFOSE has been at the forefront of cybersecurity and digital forensics investigation since 2013. We combine our knowledge and expertise with an investigative approach to help our clients, respond, and recover from cyber-attacks faster and more efficiently. We provide the most professional & solution oriented DFIR services to our clients.

- **Request & NDA**
- **Asses & SA**
- **Data Collection & Investigation**
- **Containment & Recovery**
- **Post-Incident Analysis**
- **Reporting**

Malware Analysis

Malware is everywhere in hundreds of different forms...

Malware is an umbrella term for all malicious software including viruses, worms, trojans, backdoors, and adware that are designed mostly by cybercriminals to target their victims with goals such as tracking internet activity, capturing sensitive information or blocking computer access, and unfortunately, there is no certain way of describing what each malware does, how they are delivered, or how each of them behaves at the target. It is like an ongoing arms-race between cybercriminals and researchers with lots of brilliant minds at each side. With the widespread usage of IT devices and the continuous connectivity in our age, it is an inevitable fact that your device will get infected with malware in one way or another at some point, meaning that your device will be the target, or the means of cybercrime committed by a sneaky malware.

With the proliferation of malware attacks, it became a dire need to conduct malware analysis to understand types, nature, delivery & attack methodologies. In addition to solving your problem with malware-infected systems, these analyses will also provide insight into the development of effective detection techniques and efficient removal tools.

Considering the huge number and the complexity of the threat, malware analysis requires a lot of know-how and experience along with effort, passion, and patience. Leveraging the years of coding and reverse engineering experience with lab capacity, DIFOSE malware analysts will be at your disposal whenever you need professional help.

DIF_{OSE}

The background of the slide is a dark green and black abstract composition. It features numerous glowing green and yellow lines that resemble binary code or data streams, flowing across the frame. In the lower right corner, there is a faint, semi-transparent image of a hard drive platter, suggesting data storage and recovery. The overall aesthetic is high-tech and digital.

Data
Recovery

We recover your data from any device or media...

Data in electronic devices or digital storage media can become inaccessible by normal means due to mechanical or logical failure, and the process of accessing, retrieving, and restoring that inaccessible data is called data recovery. The recovery process varies depending on the reason for failure. If the failure is logical (*deletion, software, OS failure etc.*), specialized software is used to recover your data. If the failure is mechanical (*internal parts failure, physical, water and fire damage etc.*) then the recovery process requires professional staff to inspect, repair, or replace all possible damaged components. If you are experiencing a data loss situation it would be the best option to receive professional help from qualified experts to recover your data.

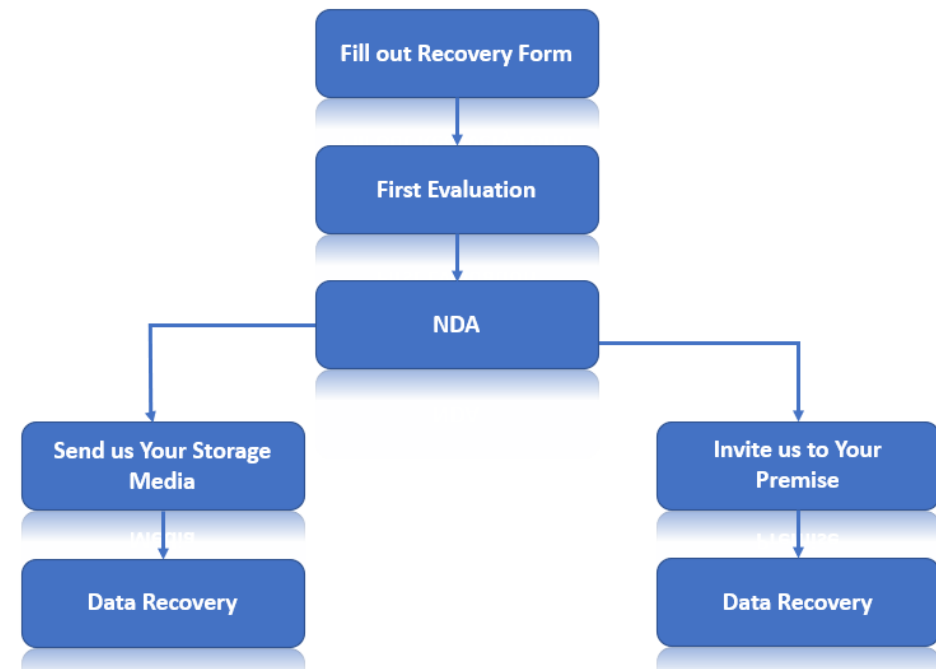
Keep in mind that if you attempt to recover the data by yourself or waste your time with amateurs, you may result in losing the contents of your storage media forever or may reduce the chances of a successful recovery because it is a delicate process, and the first recovery attempt is always the best. Instead, immediately turn it off, disconnect its power source, send it to us and let us first evaluate the situation for you.

With our team of recovery experts, unparalleled data extraction tools, and our sanitized recovery lab, we provide state-of-the-art data recovery of all types of digital storage media. We are here to handle every kind of data loss with the highest possible success rate. We recover your data from;

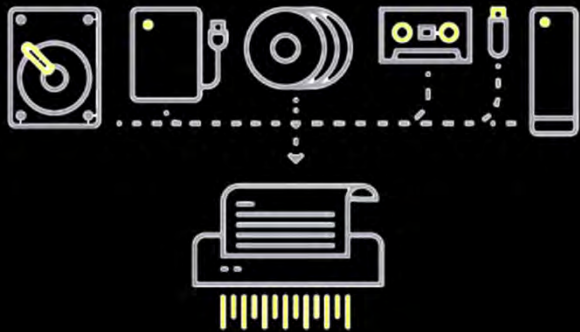
- Hard Disk Drive (HDD)
- Solid State Drive (SSD)
- Portable Hard Drives
- Laptops
- Desktops
- Servers
- Smartphones & Tablets
- Memory Cards
- Removable Media
- CCTV Cameras
- RAID / SAN / NAS

DIFOSE has been providing data recovery services to banks, public and private enterprises, companies, and branches of global corporates both in Turkey and at EMAA region.

We offer two types of data recovery: In our data recovery lab or at your premise.



Destruction & Sanitization



**We destroy all
data**

**Don't Just Delete or Format! Securely
Destruct or Sanitize & Be Safe!**

Security, confidentiality, or privacy of data is one of the greatest concerns to computer users and many companies when disposing or reallocating of their redundant IT devices. Your business data or confidential documents can easily fall into the wrong hands when you sell, give away, or dispose of your redundant PC or hard drives. Deleting files or formatting drive is not enough to irrevocably erase your data. Most of the time people confuse data destruction or sanitization with deleting or formatting.

At EMAA region, DIFOSE offers on-site secure data destruction / sanitization services in your own secure premises that can be monitored and witnessed by your IT personnel. We provide physical destruction and non-physical data sanitization services. Physical destruction is degaussing or simply shredding the hard drive or storage media. Non-physical sanitization is data wiping with professional erasure software that overwrites the entire hard-drive with random data until it is considered irretrievable. Although non-physical sanitization is recommended by Gartner, NIST, and ISO because it is considered environment friendly and allows IT devices to be reused, resold or donated, we provide both options to our clients.

**At all times, we hold your confidentiality and
privacy above everything.**

DIFOSE

Laboratory Design



Lab Design is our Specialty...

The design and establishment of a digital forensic laboratory (DFL) or data recovery laboratory (DRL) is a complex and time-consuming process.

Laboratory design and the establishment is one of our specialties, and leveraging technical know-how with years of experience, our uniquely qualified experts are able to find the right solution for your laboratory beyond your expectations. Regardless of the scope of your lab project, we are here to provide you a turn-key solution from the design, establishment, and installation of hardware and software to the training of lab experts from scratch.



Technical Surveillance Counter- Measures (TSCM)

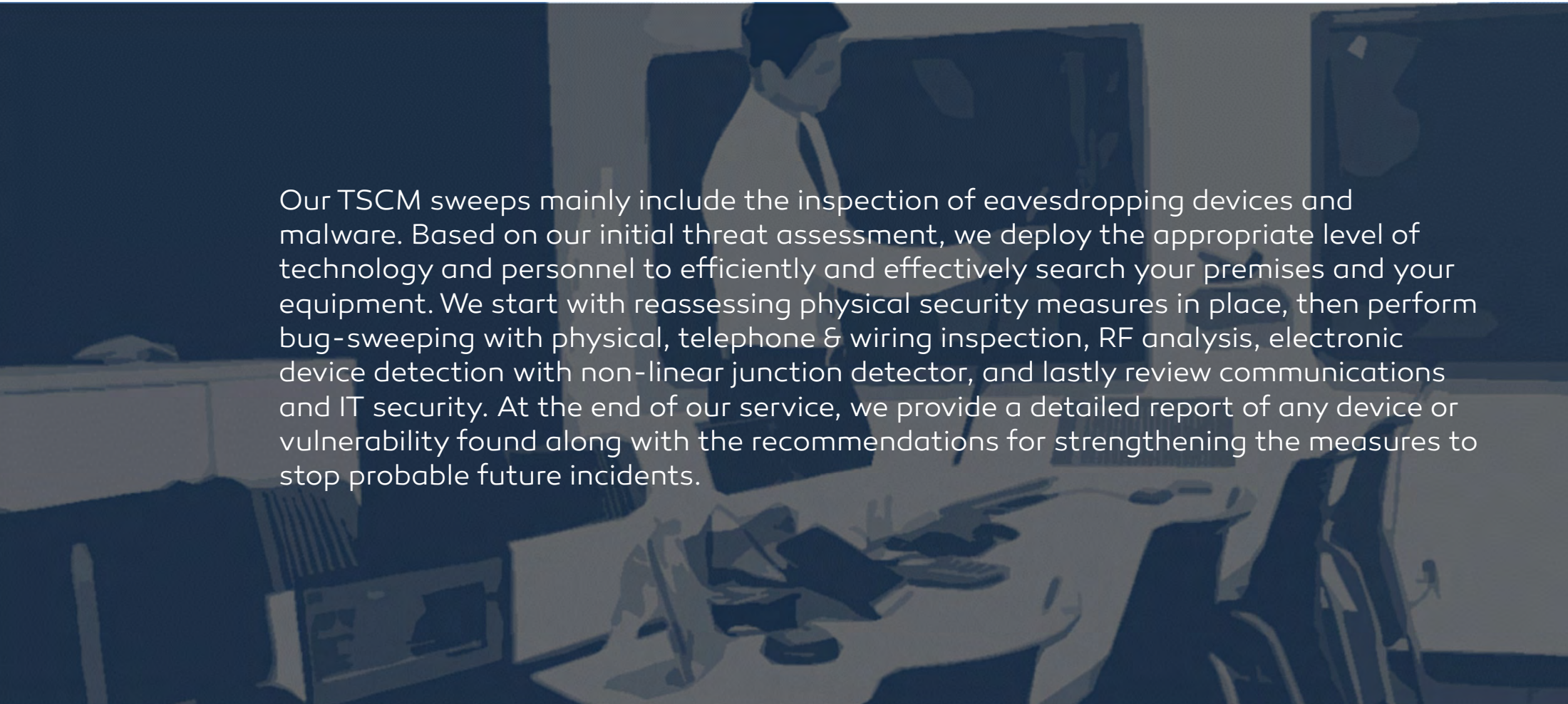
Do you really think this cannot happen to you?

Considering the fact that industrial and economic espionage is highly prevalent in today's business landscape, your baseline level of suspicion about the security of your sensitive information such as trade secrets, intellectual property, business plans, and client data, should be very high these days. With rapid improvements in technology, low-cost, yet relatively sophisticated, eavesdropping devices such as electronic bugs, hidden cameras, cellular & Bluetooth bugs, laser microphones, wiretaps, digital recorders, and other types of listening devices can easily be purchased over the Internet. This created new threat actors, namely industrial spies, leveraging technological spying capabilities against corporations, their leaders, managers, or personnel.

DIFOSE team with extensive law enforcement backgrounds in the detection of the eavesdropping devices and also with countless incident response experience can save you from the dangers of such espionage attempts. Our team can detect all forms of eavesdropping devices regardless of their level of sophistication, and can sweep networks, computers, mobile devices, and IoTs for malware of any level. This experience and know-how, along with state-of-the-art equipment and very strong ethics, make us unique.



It is all too easy for your sensitive information to end up in the wrong

A man in a white shirt and tie is standing and looking at a computer monitor in an office setting. The office has a desk with various items, including a laptop, a mouse, and some papers. The background is slightly blurred, showing other office equipment and a window.

Our TSCM sweeps mainly include the inspection of eavesdropping devices and malware. Based on our initial threat assessment, we deploy the appropriate level of technology and personnel to efficiently and effectively search your premises and your equipment. We start with reassessing physical security measures in place, then perform bug-sweeping with physical, telephone & wiring inspection, RF analysis, electronic device detection with non-linear junction detector, and lastly review communications and IT security. At the end of our service, we provide a detailed report of any device or vulnerability found along with the recommendations for strengthening the measures to stop probable future incidents.

Our team can perform comprehensive inspections or TSCM sweeps of the following:

Premises

- Administrative Offices
- Residences
- Board rooms
- Meeting rooms
- Command & Control rooms

Vehicles

- Automobiles
- Planes

Digital devices

- Landline phones
- Mobile devices (smartphones, tablets, and laptops)
- Desktops
- Servers
- Network Devices
- Audio & Video Systems
- IoT Devices
- Other devices that can accommodate a listening device.





Training

**At DIFOSE, we
unanimously
share the idea
that the best
investment
trained
personnel.**



The collage features several scenes of digital training: a man working on a laptop, a woman on a phone, a man presenting to a screen, a large audience in a lecture hall, a man at a desk with a Spanish flag, a man working on a laptop, a group of people standing together, and a large group of people in a classroom setting.

DIGITAL

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DIGITAL FORENSIC TRAINING TOPICS:

- Basic Digital Forensics
- Applied Digital Forensics
- Advanced Digital Forensics
- Windows Forensics
- MacOSX Forensics
- Unix & Linux Forensics
- Network Forensics
- Mobile Forensics
- Memory Forensics
- Malware Forensics
- Internet and Social Media Forensics
- Advanced Data Recovery and Carving
- GetData-Forensic Explorer

- Certified Ethical Hacking and Penetration Testing
- Vulnerability Scanning
- Computer Hacking Forensic Investigator



DIFOSE was founded with the objective of providing high-quality cutting-edge digital forensic & incident response (DFIR), data recovery or sanitization services at international standards. With forward-thinking mentality, deep knowledge of and expertise, our uniquely qualified team provide these services with the principles of delivering them completely at the exact planned time and holding the trust of our customers above everything.

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