



FINFISHER: Internal Newsletter August 2010

Confidential Document



FINFISHER
IT INTRUSION



Dear Customers and Partners,

Since our last Newsletter, there have been **many significant positive changes** in the FinFisher product and training portfolio. As requested by many of you, we will **inform you on a regular basis** about changes and will issue the newsletter more often.

As you are aware, we have finished and released two new products, which have already been **successfully deployed** by several customers and **proven successful** in operations: **FinFly Web** and **FinFireWire**.

Due to numerous requests, we have **extended our training course portfolio** to include more **expert training courses**. Some of our students have already been able to use the **recently found vulnerabilities** in *Adobe Acrobat* and *Windows Vista* and *Windows 7* on **real-life Targets** to **covertly deployed FinSpy** using advanced IT Intrusion attacks.

Furthermore, we recently began working on our **Next Generation Data Analysis**, which was already partially implemented in the last FinSpy release. We would appreciate more **feedback from you as well as requests** so we can optimize the system to best suit your needs and make the work with it as fast and efficient as possible for you.

Sincerely,

Martin J. Muench

Managing Director

Gamma International GmbH



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1 FINFISHER PUBLIC HOMEPAGE

The FinFisher project now has its own publicly accessible homepage, which contains the following:

- Upcoming Exhibitions
- Product Overview
- Contact and Company Information



The Homepage can be found at www.finfisher.com

Note: The *FinFisher Support* homepage remains at the current URL: www.gamma-international.de





2 PRODUCT UPDATES

The following product updates were released in Q2 and Q3, 2010.

The full product Release Notes, which cover all changes in detail, can be found on the Support website - www.gamma-international.de.

2.1 FinSpy

The new releases of FinSpy, Versions 2.30, 2.40 and 2.41 introduced some **major updates** for all core components:

- FinSpy Target
- FinSpy Master and Proxy
- FinSpy Agent

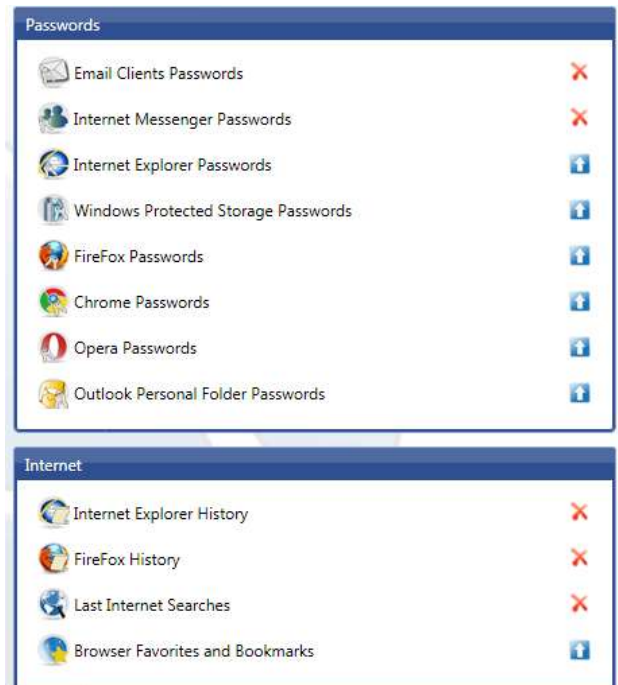


Target

FinSpy can now infect the **Master Boot Record (MBR)** of the Target System's hard-disk and, therefore, bypass protection systems like *DeepFreeze*, *Norton Ghost*, and others. Also, the Target component now has **full support for 64-bit Operating Systems**.

Several new Modules have been added, including:

- **Record Deleted Files:** Record files that are deleted on the Target System
- **Record Changes Files:** Record files that are edited on the Target System
- **Forensic Module:** Receive important Forensic information like:
 - Browsing History and Browser Cookies
 - Installed and Running Software
 - Stored Passwords
 - And many more



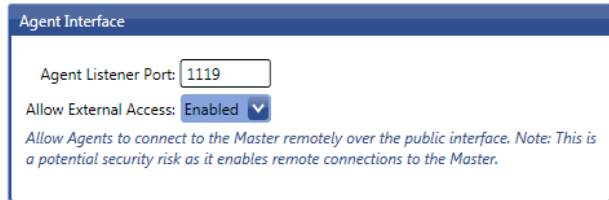


Infrastructure

The FinSpy Master and FinSpy Proxy can now be configured through the Agent Software by using an Administrator account.

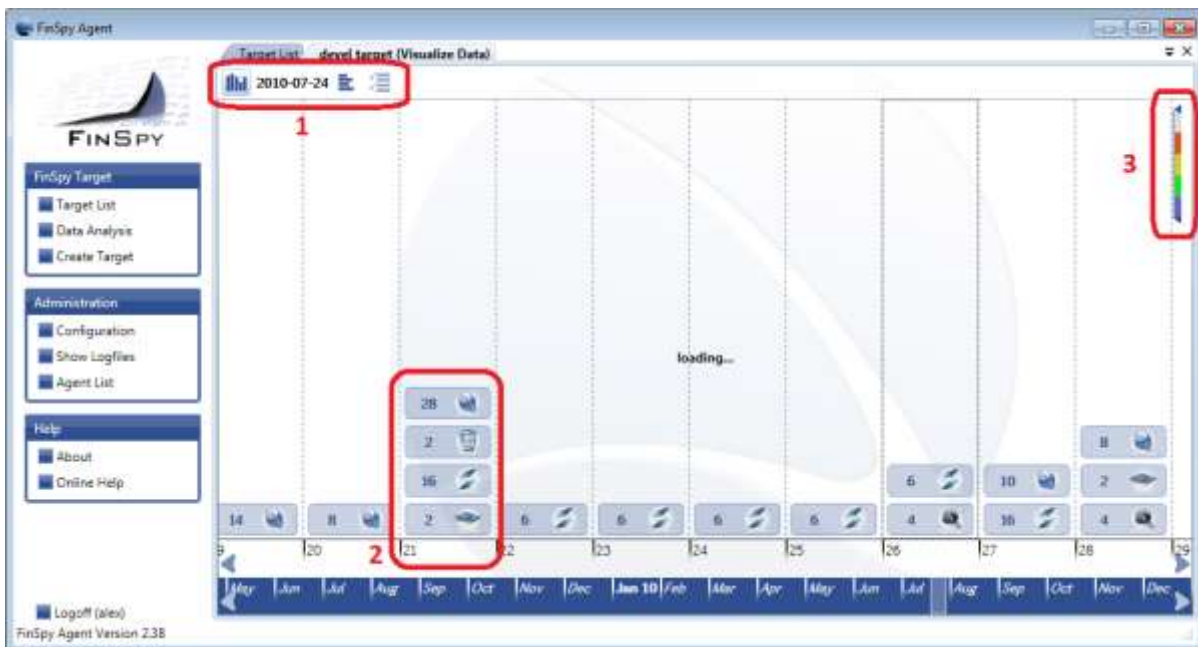
This includes configuration of:

- Network Settings
- Relay Proxies
- Notifications and Alerts
- Evidence Protection
- LEMF Interface



Data Analysis

After **extensive research** and **customer feedback**, we finalized the **first Beta version** of our new Data Analysis called **Visualize Data**. This new Data Analysis feature **reduces the time** required to analyze and classify gathered data.





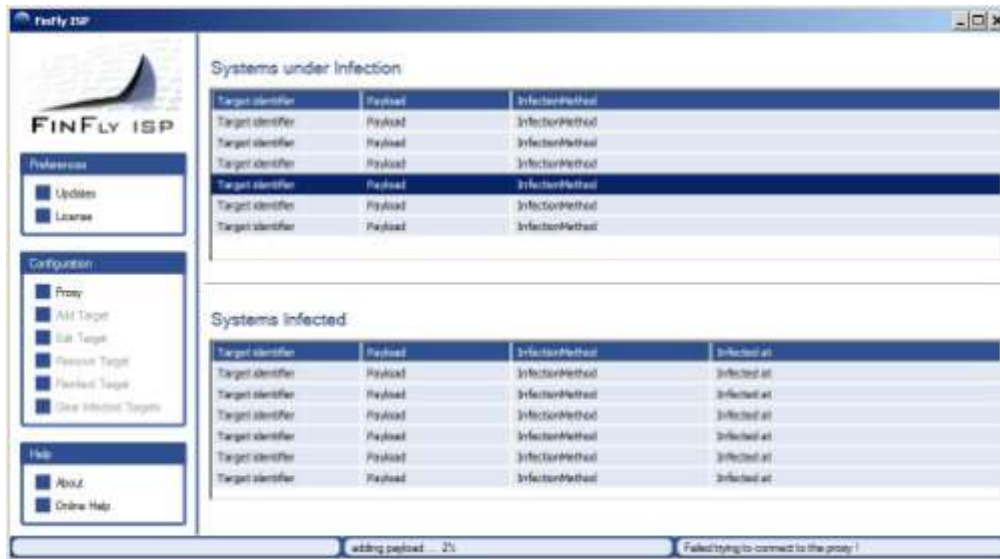
2.2 FinFly ISP

In order to achieve **greater performance** and **enhanced reliability**, the FinFly ISP product has been completely redesigned and developed from scratch, which resulted in major changes:



- The software has been rewritten from scratch and offers a more intuitive Interface and more flexibility
- The existing hardware has been replaced by high performance servers with programmable network cards

Screenshot FinFly ISP 2.0 Interface:



FinFly ISP 2.0 Hardware Examples:





3 NEW PRODUCT RELEASES

The following products were released and deployed to customers in Q2 and Q3, 2010.

You can find the full product specifications on the Support website, www.gamma-international.de

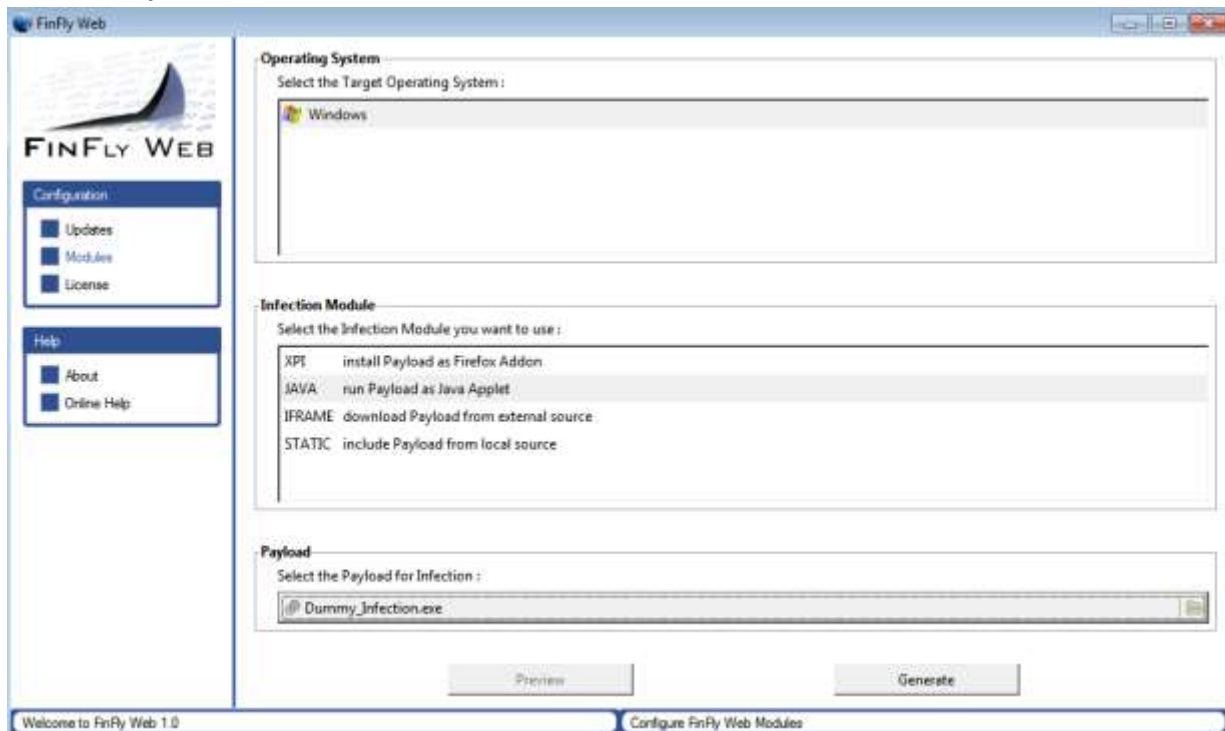
3.1 FinFly Web

FinFly Web is designed to help Law Enforcement and Intelligence Agencies to covertly install FinSpy on Target Systems through Websites which install the software by using the Web-browser module functionalities.

The product can generate a wide-range of attack codes that can be implemented into any given Website and which will infect the Target System when the website is visited.



Product Interface:





3.2 FinFireWire

FinFireWire is a tactical kit that enables the operator to quickly and **covertly** bypass the password-protected Login-Screen or Screensaver.

No modifications are done on the actual Target System and no reboot is required, so all essential forensic evidence can be recovered *live from the running system*.



Product Screenshot:



Tactical Kit:





4 NEW TRAINING COURSES

As part of our **FinFisher Training Program**, we have created a set of new **cutting-edge IT Intrusion courses** to cover more topics requested by our students over the past few months.

4.1 Practical Software Exploitation

Outline: This course offers practical training on using exploits for IT Intrusion purposes, e.g. using the latest Adobe Acrobat exploits to hide FinSpy inside PDF files, as well as using software vulnerabilities to break into secure computer networks, and more.

Duration: 5 days (Basic) or 10 days (Full)

Pre-Requirements:

- Basic Software Development Knowledge
- Basic Windows/Linux Knowledge
- Basic IT Intrusion Knowledge

FinTraining: Practical Software Exploitation				
Day 1	Day 2	Day 3	Day 4	Day 5
Introduction Vulnerability Research	Anatomy of an Exploit	Penetration Using Classical Exploits Analyzing System Updates	Using Metasploit	Practical Add-ons



4.2 Practical Web Application Exploitation

Outline: This course focuses on Web Application Security and shows many different ways on how to analyze them for security issues and also to use them to get remote access to web-servers.

Duration: 5 days (Basic) or 10 days (Full)

Pre-Requirements:

- Basic Web Application Knowledge

FinTraining: Practical Web Application Exploitation				
Day 1	Day 2	Day 3	Day 4	Day 5
Security Resources Structure	Attack Vectors Testing Tools	Identifying Vulnerabilities Exploiting Vulnerabilities	Exploiting Vulnerabilities	Language Specific

4.3 Practical Penetration Testing

Outline: This course covers a wide-range of penetration testing examples, which are conducted through several practical examples.

Duration: 5 days (Basic) or 10 days (Full)

Pre-Requirements:

- Basic IT Intrusion Course

FinTraining: Practical Penetration Testing				
Day 1	Day 2	Day 3	Day 4	Day 5
Introduction Metasploit	Metasploit	Backdoors Phishing	War-dialling	SSL Attacks Practical Examples



5 UPCOMING EXHIBITIONS

Following are the exhibitions where we will be participating:

ISS *World Americas*

ISS World Americas

Washington DC, USA

October 11-13, 2010

ISS *World Asia Pacific*

ISS World Asia Pacific

Kuala Lumpur, Malaysia

December 08-10, 2010



Milipol Qatar 2010

Milipol Qatar

Doha, Qatar

October 25 - 27, 2010

If you intend to visit any of these events, please contact us beforehand so we can reserve sufficient time for live demonstrations and project discussions.

We look forward to hearing from you.



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