

# Technical Specifications

# WINT

Extract Intelligence Over Wi-Fi

## All-in-1 WINT Box

Item	Description
Number of internal Wi-Fi access points	Three, to deliver redundancy and enable the system to run tasks in parallel for enhanced operational efficiency
Supported protocols	802.11 a, b, g, n, and ac
Support for external amplification	Up to 25 W
Support for covertness	The WINT box fits into many carry cases and is controlled wirelessly, attracting no unusual attention.
Internal computing capability	No connection to an external computer is required for the WINT box, which can work unattended.
Internal Ethernet backhaul capability	Plug and play with any Ethernet connection
Internal Wi-Fi backhaul capability	Via the intercepted network or other networks within range
Internal cellular backhaul capability	Available for areas where no Wi-Fi or Ethernet connection exists
GPS sensor	Displays the system's location on the map interface
Internal batteries	Up to three hours of operation; can be replaced on the fly for extended operation
110 / 220 VAC power supply and battery charger	When the power supply is connected to the box, the system is powered and the batteries are recharged.
Box dimensions	39.6 x 31.8 x 7 cm

## WINT Hybrid Laptop

Item	Description
Control interfaces	Touchscreen, keyboard, and mouse. With the click of a button, the laptop converts to a tablet device for an even more innocent appearance.
Wired and wireless control	Support for Ethernet, Wi-Fi, and cellular remote control
Geographic-based GUI	Built-in map that displays all Wi-Fi networks and devices



## About Wintego

Wintego is a developer of tactical Wi-Fi interception and intelligence solutions for government, law enforcement, military, and intelligence organizations. The solutions are designed to enable these organizations to effectively gather unique, highly valuable intelligence from their targets' devices and data communications, such as email messages, documents, social network data, live chats, and web-browsing activity. Wintego was founded by a team with over 30 years of collective experience in both technical and operational aspects of intelligence-gathering solutions.

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Wintego WINT™ is a tactical solution for obtaining valuable data intelligence. Taking advantage of Wi-Fi communications, WINT obtains access to target devices and accounts. It extracts email messages, email attachments, social-network messages and data, web-browsing activity, and more. Going far beyond the interception of off-air traffic, WINT employs innovative active measures to extract secured target data.

The end-to-end WINT solution is built to carry out the entire interception process, from initial access to final analysis. With its tactical design, WINT supports covert operation in crowded areas.



# Why WINT?

## Data Communications

With the advent of affordable smart devices and applications, users are migrating from voice to data communications.

The result? Data applications have become an extremely common means of communication.

WINT provides access to today's most popular data applications and services: email and attachments, contacts, calendars, social-network messages, chats, financial transactions, photos, and more.

## Wi-Fi Access

The use of Wi-Fi networks is already widespread and continues to grow. Available and affordable, Wi-Fi makes data services easy for users to access.

The result? Wi-Fi is everywhere—in the public, private, and commercial domain. Virtually every modern communication device is Wi-Fi compatible.

WINT takes advantage of Wi-Fi to access laptops, tablets, and smartphones wherever they are—in homes, offices, cafés, hotels, airports, or elsewhere.

## Security

In recent years, the security of Wi-Fi networks and Internet services has been strengthened substantially.

The result? There is no single best way for government agencies to intercept such services.

WINT deploys advanced algorithms and operational methods that overcome security challenges in a variety of scenarios, finding ways to access secured target data.

# Capabilities

WINT provides an end-to-end approach to the gathering of data intelligence from targets. It consists of several layers, each of which deals with a different aspect of the interception process and features a variety of algorithms and methodologies.

Detects devices and networks and displays them on built-in map

Gains access to target devices in various scenarios

Intercepts communication and overcomes SSL-encrypted services

Applies innovative active measures to extract extremely valuable target data

Decodes and analyzes intercepted data in real time

The capabilities of the WINT solution go far beyond the interception of off-air traffic. With its advanced tools, WINT overcomes the SSL encryption of online account services, such as webmail, social networks, and e-commerce, to acquire and record the credentials of targets as they use these services. Then WINT employs the credentials to enter target accounts and automatically extract years of archived email, contacts, messages, calendars, and more.

WINT can also integrate with third-party tools to gather additional unique data from targets' devices. Acting as a proxy server for targets' communications, WINT helps such tools operate much more effectively and reduces their chance of being detected.

The power of WINT lies in its robust, multilayered approach, leveraged through an intuitive map-based interface. WINT enables field operatives to conduct successful missions without having to rely on IP or hacking expertise.

# Solution Components

WINT consists of two main components:

- A dedicated, durable, all-in-one hardware box that offers extended operating ranges and connectivity in the field. The box fits into many types of backpacks and other portable bags.
- A hybrid laptop that becomes a tablet device with a touchscreen. Field agents use the laptop's intuitive interface to control WINT wirelessly.

With their innocent appearance, the two components are designed to enable operational teams to move around to different locations and deploy the system rapidly and covertly, without attracting attention. The components communicate wirelessly with each other and operate for hours on internal batteries. Agents can control the box remotely with the laptop from anywhere. Alternatively, the box can be left to work unattended in a car or hideout.

Multiple internal Wi-Fi access points for running multiple tasks

GSM, Wi-Fi, and Ethernet backhaul options for connectivity in any scenario

Internal processing board for fully autonomous operation

Internal rechargeable batteries for hours of operation



# Highlights



Carries out the entire interception process in a single end-to-end solution



Features a tactical design for covert operation in crowded areas



Uses active measures to extract data from targets' accounts and devices



Gains access to devices by finding the right method for each scenario



Increases operational effectiveness through an intuitive, map-based interface



Employs several kinds of tools to obtain user credentials and secured data



Offers robust field performance based on proprietary hardware