

invisiron®



Cyber 
Defence
Fortified™



About Invisiron®

We Safeguard the Frontlines of Cyber Defence

At Invisiron®, we believe the outcome of the cyber war is determined at the frontlines. By bringing together the best industry practices and latest technologies in cybersecurity, we have designed the next-generation of Cyber Defence devices that are proactive, robust and, most importantly, invisible to intruders.

Why Invisiron®?

- ☑ Our Cyber Defence device is certified with the International Common Criteria Certification.
- ☑ We have a proactive Cyber Defence device with Auto Threat Mitigation.
- ☑ Our solutions are plug-and-play, which do not require any changes to existing IT infrastructure networks.
- ☑ Our stealth Cyber Defence technology is completely invisible to hackers when deployed.
- ☑ An in-line Cyber Defence device that does not impact Internet bandwidth performance.

C3X™ Core Technology

At the core of Invisiron® is C3X™, which features three mission-critical technologies.



Invisible Stealth Mode

The Invisiron® Cyber Defence device operates in stealth mode, without any IP addresses or Media Access Control (MAC) addresses. This renders it invisible to cyber criminals when deployed. Hackers attempting to penetrate the network will not be able to detect the presence of an Invisiron® device.



Ultra-Fast In-line Packet Processing Speed

Network packets are processed at near line rate without degrading the Internet bandwidth.



Powerful Bi-Directional Deep Packet Inspection (DPI)

The Invisiron® Cyber Defence device's powerful DPI engine is capable of inspecting network traffic in both directions. The DPI engine is controlled by rules that are automatically provided through the Invisiron® Cyber Threat Intelligence (CTI) feed.





Key Features

Advanced Threat Protection

Our device protects your organization against advanced persistent threats and many other attacks and malware.

Automatic Threat Mitigation

Invisiron® offers a pro-active Cyber Defence platform with auto threat mitigation.

DDoS Protection¹

We are able to mitigate both volumetric and protocol-based DDoS attacks.

DNS Security (Data Exfiltration)²

Our DNS threat analytics ruleset is able to detect and automatically block data exfiltration attempts via DNS.

Cyber Threat Intelligence (Invisiron-CTI™)

Invisiron-CTI™ comes from over 30 globally validated sources which are updated and pushed down to every Invisiron® device every hour automatically.

Threat Commander Remote Monitoring Utility

Every malicious packet that is mitigated by Invisiron® can be reviewed in our Remote Monitoring System and allows our Managed Detection and Response (MDR) teams to perform forensics on compromised assets.

Bi-Directional Deep Packet Inspection (DPI)

Our powerful DPI engine is capable of inspecting a packet down to a single byte level for both incoming and outgoing Internet traffic.

¹ Only Applicable to Sentry Enterprise DDoS

² Only Applicable to Sentry Enterprise DNS



Invisible Stealth Mode

Invisiron® devices do not require a MAC or IP address to operate. Hackers will not be able to detect the presence of an Invisiron device in a network.

Ultra-Fast In-Line Processing Speed

Packets are processed at near line speed without degradation of your Internet bandwidth.

No Changes to Existing Network Infrastructure

A plug-and-play complete Cyber Defence solution without having the need to make any changes to existing IT infrastructure networks.

Geo IP Blocking

Invisiron® devices are able to block network connections based on geographical locations and countries.

LAN IP Isolation

Proactively isolates suspicious LAN IPs using a machine learning algorithm.

High Availability³

Invisiron® devices support High Availability.

Carrier Diversity⁴

Invisiron® devices support Carrier Diversity.

Mobile App⁵

The Invisiron® Mobile App offers a convenient way to check device health status and cyber posture, real-time, on the go.

³ Not available for Sentry Lite

⁴ Only available for Sentry Medium

⁵ Only available for Lite and Medium



Products & Technical Specifications

Designed for
Small Businesses



Model Name	Sentry Lite
Processor	Intel Celeron J1900
Memory	8GB of DDR3 Memory
Storage	SSD
Disk Drives	250GB
Packet Processing	1GB Ethernet ports (RJ45)
Power	Full range 40W Adapter / 12 V
Management	Ethernet (RJ45) for Management
Power and Cooling	-
Form Factor	187mm (W) x 115.8mm (L) x 44mm (H)
Embedded OS	Linux
Cyber Threat Intelligence	Cloud-based Invisiron-CTI™
DPI Rules	Up to 10,000 rules
Reputation Detection	Up to 2,000,000 domain names and URLs
IP Address Filtering	Up to 250,000 IP address, both IPv4 and IPv6
DGA Detection	Supported on DNS queries and replies
Configuration	Graphical User Interface over encrypted link
Alerts and Notifications	By graphical user interface, emails and mobile phone application
Evidence Collection	PCAP data format
System Upgrades	Software updates provided from the cloud



Designed for
Medium Enterprises



Designed for Large Enterprises
and Data Centres

Sentry Medium	Sentry Enterprise
Intel Xeon	Intel Xeon
16 GB of DDR4 memory	8 GB of DDR4 memory
Dynamic Smart Array configured in disk mirroring mode	HPE Dynamic Smart Array configured in disk mirroring mode
Hot swappable 2x 480GB low form factor SSD	2x 1TB low form factor SATA disk drivers
High performance Intel NIC with 4x 1GB Ethernet ports (RJ45)	2x 10GB Ethernet ports. High performance Intel NIC with SFP Optical as well as copper SFP modules supported
Standard 290 W switching power supply	Dual redundant 900W switching power supplies
1GB Ethernet (RJ45) for Management	1GB Ethernet (RJ45) for Management
100-240 Volt AC High efficient cooling for warm environments	100-240 Volt AC High efficient cooling for warm environments
Rack (1 U) 380 mm deep	2U – 43.47 cm (W) x 63,43 cm (D) x 8,76 cm (H)
Linux	Linux
Cloud-based Invisiron-CTI™	Cloud-based Invisiron-CTI™
Up to 10,000 rules	Up to 10,000 rules
Up to 2,000,000 domain names and URLs	Up to 2,000,000 domain names and URLs
Up to 250,000 IP addresses, both IPV4 and IPv6	Up to 250,000 IP addresses, both IPV4 and IPv6
Supported on DNS queries and replies	Supported on DNS queries and replies
Graphical User Interface over encrypted link	Graphical User Interface over encrypted link
By graphical user interface, emails and mobile phone application	By Graphical User Interface, E-Mails
PCAP data format	Packets captured in PCAP data format. Event logging in JSON format
Software updates provided from the cloud	Software updates provided from the cloud



Cyber Solutions

1 INVISIRON LEGIONS

1 Unit **Sentry Enterprise** with DDos Protection, Inline Security Appliance, Autonomous Threat Prevention System. Data Centre Grade Hardware. Targeted at Large Enterprises. Includes a 3-Years CTI subscription and is equipped with 1 Set of HoneyPot Cyber threats Collections & Intelligence for 1 WAN + Threat Commander (Self Hosted) for Remote Monitoring for Up To 10 Devices, plus all necessary Hardware. (See *Diagram 1 for the Topology Setup*)

2 INVISIRON LEGIONS HA

2 Units of **Sentry Enterprise** with DDos Protection, Inline Security Appliance, Autonomous Threat Prevention System. Data Centre Grade Hardware. Targeted at Large Enterprises. Includes a 3—Years CTI Subscription with 1 Set of HoneyPot Cyber threats Collections & Intelligence for 1 WAN + Threat Commander (Self Hosted) for Remote Monitoring For Up To 10 Devices, plus all necessary Hardware. (See *Diagram 2 for the Topology Setup*)

3 INVISIRON LEGIONS AUX

1 Unit **Sentry Enterprise DDoS—Protect**, Inline Security Appliance Autonomous Threat Prevention (ATP) System. Data Center grade hardware. Targeted at large enterprises. Includes a 3-years software subscription for CTI & DDoS Protect.

4 INVISIRON COHORT

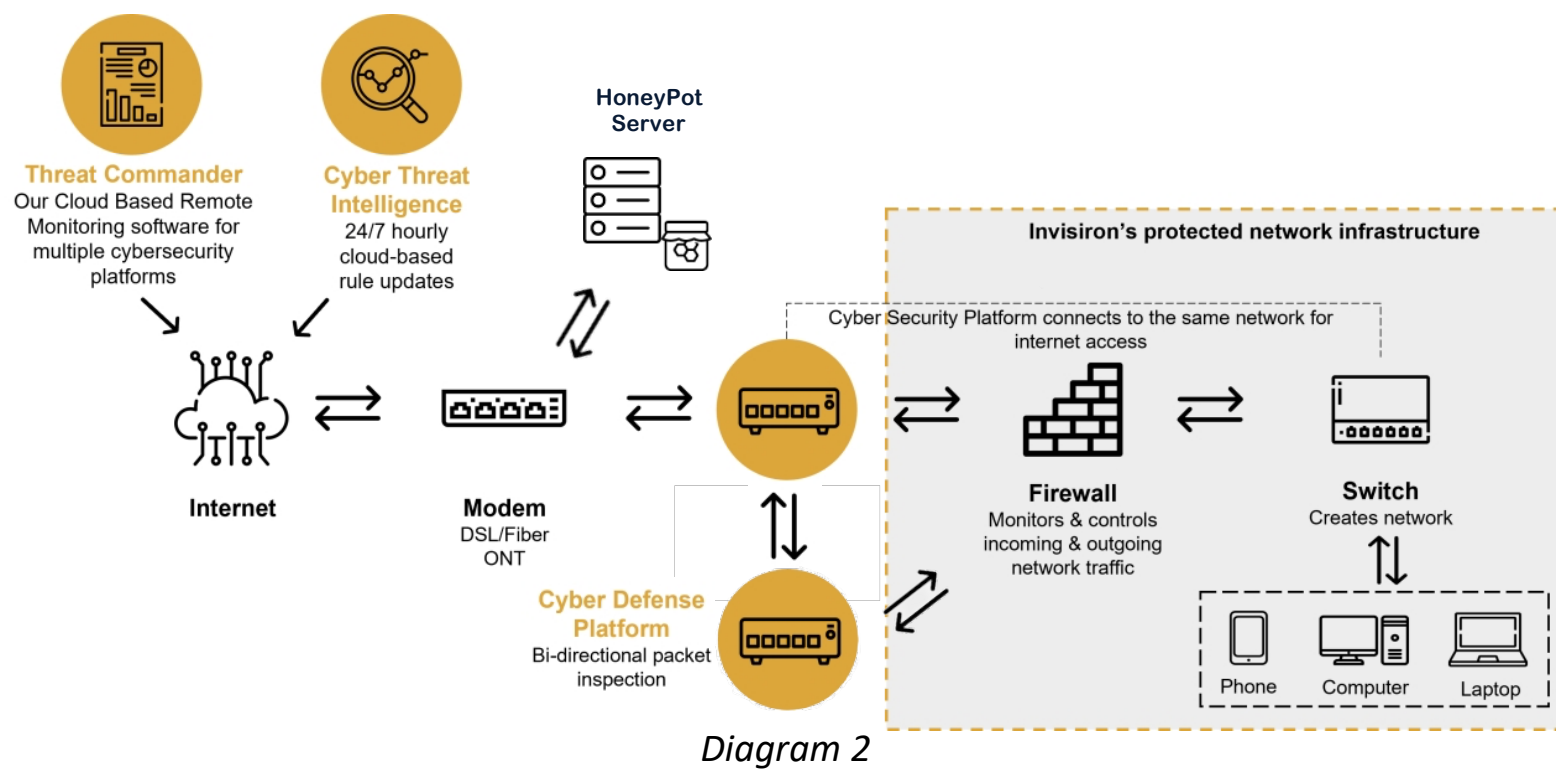
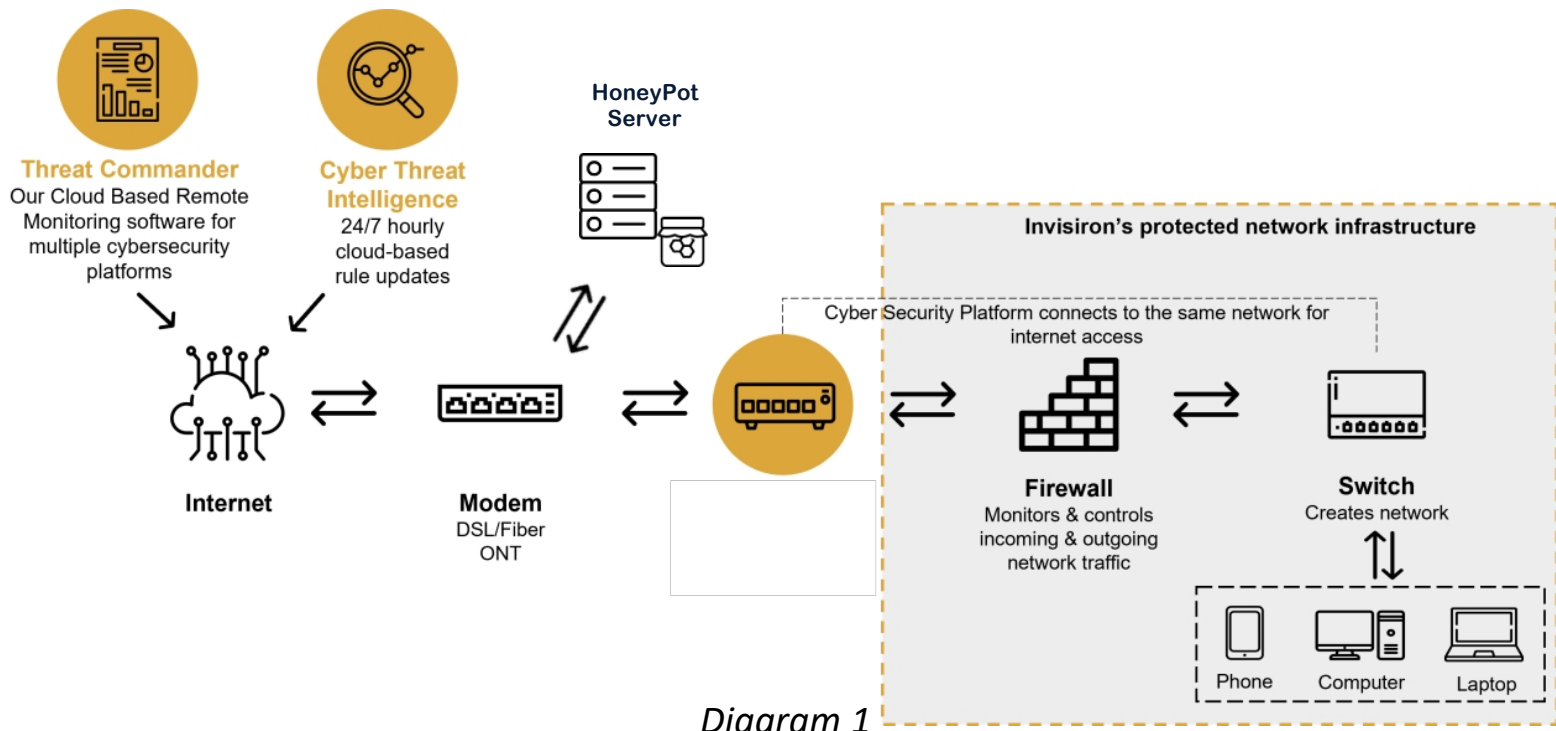
1 Unit **Sentry Medium** Inline Security Appliance Autonomous Threat Prevention (ATP) System. Targeted at mid—size SMEs. Includes a 3-years software subscription for CTI.

5 INVISIRON CENTURY

1 Unit **Sentry Lite** Inline Security Appliance Autonomous Threat Prevention (ATP) System — Targeted at small SMEs. Includes a 3-year software subscription for CTI.

6 INVISIRON COMMANDER

Threat Commander Software: 3-years subscription (Self Hosted) for Remote Monitoring for up to 10 devices and including HW.



We are the First and Last Line of Cyber Defence

invisiron.com

