

GITSN

GITSN corporate introduction
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Complete your security with GITSN
GITSN 02.852.3560~4 / www.gitsn.com / sales@gitsn.com

A head of public agency.

"I am afraid of the potential **eavesdropping** whenever I have confidential conversations"

Communication security

A server manager
at a corporate computer center.

"How can I prevent **wireless backdoor attack** on air-gapped network?"

Cyber security

A university student.

"I am worried about using public restrooms due to crimes involving **hidden cameras**. Is there any way to use them without fear?"

Environment security

Communication Security

Police hastily reacts to 'CIA's presidential office eavesdropping' repercussion by installing eavesdropping blocking devices in the conference room

2023.06.08, The Kyunghyang Shinmun

85% of major national institutions vulnerable to eavesdropping

2023.04.18 The Korea Economic Daily

Cyber Security

'Spy chip' found for the first time in Chinese meteorological equipment

2023.08.21 Channel A

NIS : "Manipulation of voting and vote counting possible through the National Election Commission's internal network, vulnerable to hacking"

2023.10.10 TV Chosun

Environment Security

Disposable Cups for 'Illegal Filming' Illegal filming becoming more sophisticated

2023.10.22 Yonhap News TV

'Spy camera' in women's restroom bidet Bizarre illegal filming, 95% remains 'unarrested' after being caught

2023.10.11 Financial News

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Part.0 Intro

Part.1 GITSN

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- Our Business
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- 24/7 Intelligent Eavesdropping Detection System
- Wireless Backdoor Hacking Detection System
- Portable Radio Frequency Detector
- Our Clients

Part. 1
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Security.

is to **constantly execute** various elements that are **connected systematically.**



A single point of vulnerability.

can **compromise the security of the entire system** as each security systems are interconnected to each other.

Physical security

- Access control
- Visitor control
- Intrusion detection
- Video surveillance

Cyber security

- Internet firewall
- Virus vaccine
- Network separation technology
- Wireless backdoor hacking detection
- Malware defense
- Device control

Communication security

- Smartphone MDM
- Eavesdropping detection**
- Document/print security
- Prevention of unauthorized recording/filming

Environment security

- Fire prevention
- Occupational disaster prevention
- Hidden camera prevention
- Healthcare

GITSN.

specializes in the **analysis of and defense** against **new types of security threats.**

Physical security

- Access control
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Communication security

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Environment security

- Fire prevention
- Occupational disaster prevention
- Hidden camera prevention**
- Healthcare

No vulnerability allowed—
Completion of security

The logo for GITSN, where each letter is a different color: G is blue, I is grey, T is red, S is orange, and N is green.

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Solution & Target.

Business model.

1. Communication security Protecting national, industrial, and personal data from wireless eavesdropping technology

- ① 24/7 Intelligent Eavesdropping Detection System
 - ② Portable Radio Frequency Detector
- **24/7 Intelligent Eavesdropping Detection** System installed in 300 government agencies, public institutions, and major corporations in Korea and 13 overseas countries

Sales	✓	Monitoring	✓
Rental	✓	Detection service	✓

2. Cyber security Counter measure against wireless backdoor hacking

- ① Wireless Backdoor Hacking Detection System
 - ② Portable Radio Frequency Detector
- **Prevent data breach and operational errors** at central computer center and server room
 - Being introduced to **computer centers of financial institutions, large companies, military service, etc.**

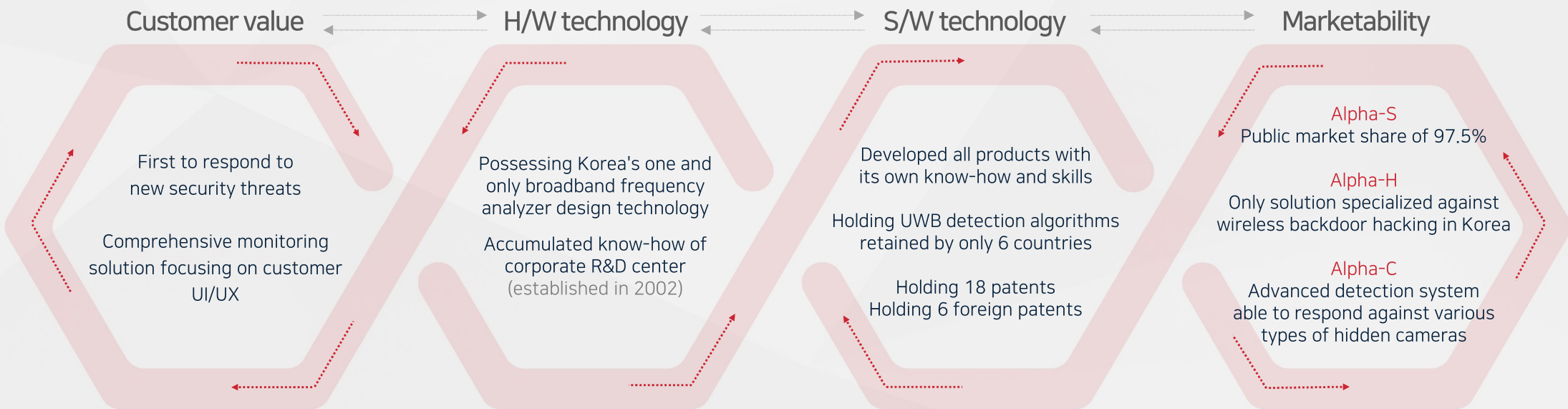
Sales	✓	Monitoring	✓
Rental		Detection Service	✓

3. Environment security Preventing illegal filming in public restrooms

- ① 24/7 Hidden Camera Detection System
- Detect hidden cameras installed in public restrooms, etc. by **analyzing thermal data**
 - Being actively installed in both **public and private** sectors

Sales	✓	Monitoring	✓
Rental	✓	Detection service	✓

Based on providing substantial value with a customer-centric approach,
We integrate our unique **H/W** and **S/W** capabilities to secure a **distinctive position** in the market.



Highlights.

- 2000. Established the company
- 2005. Conducted a national research project commissioned by National Security Research Institute
- 2009. Designated as a manufacturer by the National Intelligence Service
- 2010. Obtained a type approval from the National Intelligence Service
- 2015. Registered as an Illegal Eavesdropping Detection Business
- 2018. Designated as an Excellent Product by the Public Procurement Service (24/7 Intelligent Eavesdropping Detection System)
- 2018. Received the Minister of the Interior and Safety Award for the promotion of safety industry and contribution to the safety management
- 2019. Received the Minister of the National Defense Award in the 3rd Korea Smart Defense ICT Industries EXPO
- 2020. Received the commendation from the president at the 44th National Productivity Awards
(National Productiveness for Future Unicorn Companies)
- 2021. Obtained quality management system (ISO 9001)
- 2022. Obtained Certificate of Inno-Biz
- 2022. Commendation from the Minister of Trade, Industry and Energy at the 19th Republic of Korea New Growth Management Awards
- 2022. Designated as an innovative prototype product by the Public Procurement Service (24/7 Hidden Camera Detection System)
- 2022. Launched a new global product in collaboration with LG Electronics (eavesdropping detection solution + digital signage)
- 2023. GITSN Inc. IPO on the Korea New Exchange (KONEX)
- 2023. Commendation awarded by Head of the Public Procurement Agency at the 3rd Public Procurement Day and the 4th Innovative Procurement Contest of 2023
- 2023. Listed on the KOSDAQ stock market

Key patents.

20 Korean patents,
6 foreign patents

Key Korean patents

Method for detecting wideband tapping signal (Patent No.: 10-1641112)

Wireless hacking spychip location estimation system using multiple radio wave detection apparatus and method thereof (Patent No.: 10-2271797)

Hidden camera detector and method using temperature change (Patent No.: 10-2337790)

Device and method for eavesdropping detection using automatic voice detection and radio frequencies (Patent No. 10-2337790)

Foreign patents

U.S. Method of Detecting Illegal Broadband Radio Signal (Patent No.: 10476617)

Europe Method of Detecting Illegal Broadband Radio Signal (Patent No.: 3471357)

Israel Method for Detecting Broadband Illegal Wireless Signal (Patent No.: 263602)

Pakistan Method of Detecting Illegal broadband Radio Signal by Configuring a Reference Multi-Spectrum Table (Patent No.: 143606)

China 宽带非法无线信号的探测方法 (Patent No.: 109314540)

Russia СПОСОБ ОБНАРУЖЕНИЯ НЕЗАКОННОГО ШИРОКОПОЛОСНОГО РАДИОСИГНАЛА (Patent No.: 2707733)

Awards & Certifications

Awards.



Certification of commendation from the president

2020
44th National Productivity Awards in Future Unicorn Company Field



Minister Award of the Ministry of National Defense

2019
The 3rd Korea Smart Defense ICT Industries EXPO



Minister Award of the Ministry of the Interior and Safety

2018
Promotion of the safety industry and contribution to the safety management



Minister Award of the Ministry of Trade, Infrastructure and Energy

2022
19th Korea New Growth Management Awards



Chairman Award of the Defense Acquisition Program Administration

2018
Smart Defense & Drone Industrial Expo Participants Contest



Administrator Award Of The Public Procurement Service

The 3rd Anniversary of Public Procurement Day
The 4th Innovative Procurement Contest 2023

Certifications.



Excellent Product by the Public Procurement Service



Excellent Performance Certification by the Ministry of SMEs and Startups



Registration to G2B site by the Public Procurement Service



Inno-Biz Designation by the Ministry of SMEs and Startups



ISO9001 Quality Management System



Designated as an Innovative Product by the Public Procurement Service

Part. 2

Solutions

Smart-D	24/7 Intelligent Eavesdropping Detection System.	VIP rooms, conference rooms, diplomatic offices, military/police infrastructures, etc.
Alpha-H	Wireless Backdoor Hacking Detection System.	Air-gapped network environment of companies / institutions, factory facilities, server rooms / Internet Data Centers (IDC), etc.
Alpha-P	Portable Radio Frequency Detector.	VIP rooms, conference rooms, offices, server rooms, etc.
Alpha-C	24/7 Hidden Camera Detection System.	Public restrooms, employee restrooms, etc.

24/7 Intelligent Eavesdropping Detection System

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Smart-D

(B2G product for government procurement)

24/7 Intelligent Eavesdropping Detection System *Smart-D*

Installed in key locations such as offices, conference rooms, and VIP rooms to detect eavesdropping automatically, 24/7



Excellent Product by the Public Procurement Service

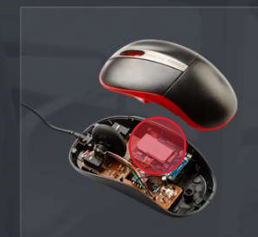


Excellent Performance Certification by the Ministry of SMEs and Startups

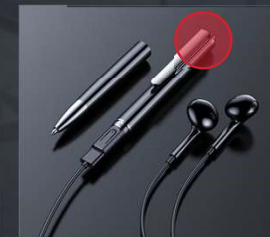
Key features.

- Auto-detection of wireless frequency ranges for potential eavesdropping for safe conversation with privacy guaranteed
- Able to detect remote ON/OFF type eavesdropping devices that avoids existing protocols
- Applied a patented technology available to detect the advanced **ultra-wideband (UWB)** eavesdropping technologies
- Holding a dominant market position with 97.5% market share in the Korean public sector

Wireless eavesdropping devices.



Computer mouse type



Pen Type



Alpha-H

Wireless Backdoor Hacking Detection System Alpha-H

Detect wireless spy chips that infiltrate major computer centers, server rooms, etc. and neutralize air-gapped networks in real-time



Excellent Product by the Public Procurement Service



Excellent Performance Certification by the Ministry of SMEs and Startups

Key features.

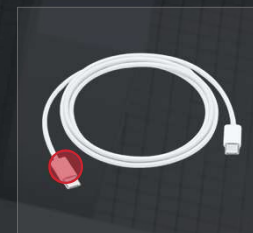
Defend against **wireless backdoor hacking attacks** on the intranet using wireless spy chips

24/7 auto detection system with no vulnerable hours

Applied the **patented technology of estimating the location** of wireless spy chips by comparing signals between detection devices

Verified detection system as introduced by public institutions, military, large companies, financial institutions, etc.

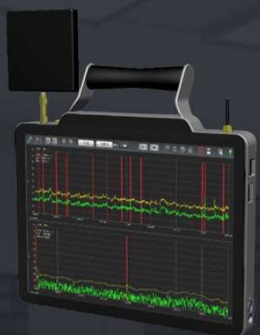
Wireless backdoor hacking devices.



Wireless backdoor hacking device hidden in charging cable



Wireless backdoor hacking device used to hack the intranet of Korean Military



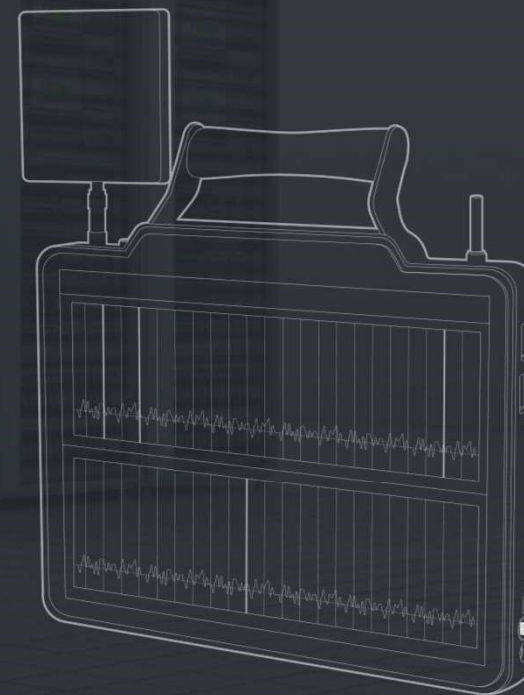
Alpha-P

Portable Radio Frequency Detector Alpha-P

A fast, sensitive, and light portable radio frequency detector optimized for security inspections such as wireless eavesdropping and wireless backdoor hacking

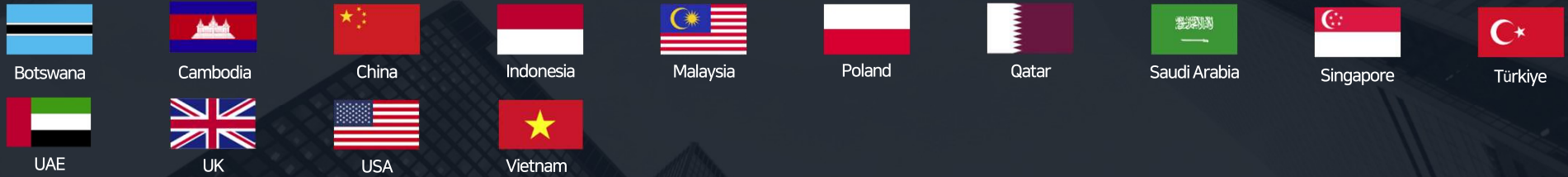
Key features.

- Achieved an **ultra-lightweight** design to improve portability
- Optimized to estimate and detect the location of signaling device
- Applied intuitive UI/UX to maximize user convenience



Major references for GITSN's TSCM Products - 450+ Clients

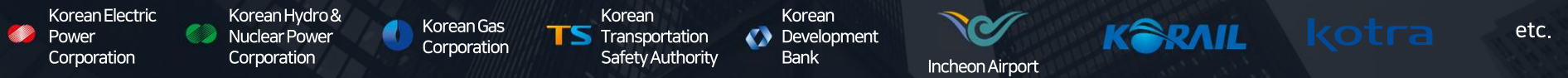
Overseas



Central Government



Public Institutions



Local Government



Enterprises

S Group, S Group, H Group, L Group, P Group, L Group, H Group, G Group, S Group, N Group, etc.

THANK YOU.