# ISEC 2022
## International Security Conference

## The 16th International Security Conference
## Result Report

## 2022. 10.

## ISEC Organizing Committee

# Contents

## Ⅰ ISEC 2022 Outline

- Name of Event: ISEC 2022(The 16th International Security Conference)

- Subtitle: #Security @ISEC

- Date & Time: 18(Tue) - 19(Wed) October 2022 09:00 - 18:00

- Venue: Coex Hall C, Conference Room(South), Korea

- Host: Ministry of Science and ICT

- Organizer: ISEC Organizing Committee, Korea Internet & Security Agency,
  Korea Council of Chief Information Security Officer, (ISC)$^2$, thebn co., ltd.

- Sponsors: Ministry of National Defense, Ministry of the Interior and Safety, Ministry of Health and Welfare,
  Personal Information Protection Commission, Seoul Metropolitan City, Korean National Police Agency,
  Korea Defense Industry Trade Support Center, Republic of Korea ARMY, R.O.K Cyber Command,
  Electronics and Telecommunications Research Institute, National Security Research Institute,
  Korea Local Information Research & Development Institute, Financial Security Institute,
  Korea Social Security Information Service, Korea Information Technology Research Institute,
  Korea Institute of Science and Technology Information, Public Ordering Sector Conference,
  National Council of Broadcasting and Communications Officials,
  Certified Information Systems Security Professional, Korea Association of Industrial Technology Security,
  Telecommunications Technology Association, Information Systems Audit and Control Association Korea,
  KOREA Image Information research Association, Korea Surveillance Instruments Industry Cooperative,
  Korea High-tech Safety Industry Association, Intelligent Transport Society of Korea,
  Korea Association for ICT Promotion, Korea Department Stores Association,
  Korea On-Line Shopping Association, Korea Mobile Virtual Network Operators Association,
  Korea Chain Stores Association, Online Privacy Association, Association of Personal Information Experts,
  Korea Security Association, Korea Counter-Terrorism Industry Association,
  Korea Information Security Industry Association, Korea Software Industry Association,
  Korea Information Technology Service Industry Association, Korea Cyberforce Association,
  Korea Aviation Security Association, City Regeneration and Safety Association,
  Korea Association of Game Industry, Korea Association For Biometrics Identity Security,
  Fast IDentity Online Alliance, Korea Corporate Security Managers' Council,
  Busan·Ulsan·Gyeongnam Information Protection Industry Association,
  Privacy Expert Instructors Association, Korea Institute of Information Security and Cryptology,
  Korean Society For Internet Information, The Korea Association For Industrial Security,
  The Korean Association for Terrorism Studies, Counter Terrorism-Security Institute,
  Korea Personal Information Protection Law Association

- Special Sponsors: KAIST Cyber Security Research Center, Microsoft, DOOSAN,
  Hanwha Techwin, HUAWEI, HIKVISION, CROWDSTRIKE, ESTsecurity

- Scale of Event: A total of 200 Organizations & Companies from 21 Countries
  A total of 15 Tracks & 83 Lectures, 153 Booths
  A total of 6,391 Visitors

## 1    Objectives and Purposes

○ Raise awareness of importance of security in ever-accelerating digital transformation across industry and establish security enhancement measures and strategies.

○ Establish a forum for global networking and business to facilitate local security solutions' overseas advancement to Asian, Latin American, African, European, and Middle Eastern markets, among others.

○ Contribute to improving overall security across society and strengthening national competitiveness by promoting communications and networking between chief security officers and working-level security officers.

○ Build a forum for communications and information sharing between major security solution providers and clients.

## 2    Features and Differentiation

○ **The largest security conference in Asia, marking the 16th event, since the first conference in 2007,** Emphasizes the importance and need for security, introduces security trends and issues, and presents practical countermeasures

○ Reflecting the trend of globalization, convergence and intelligence of security, **discussing various security issues from cyber security to physical and convergence security**

○ **Co hosted by (ISC)², the world's largest International Information Systems Security Certification Consortium,** attracting participation of leading global companies and presenting global issues

○ In cooperation with 'Cyber-security Alliance for Mutual Progress(CAMP) Annual Meeting' Building close partnership among information security managers in Asia, Latin America, Africa, Europe and the Middle East and running 'Security Solution Export Business Matchmaking' program

○ **Building the platform for information exchange** among the various personnel with the support and participation of over 50 related institutes and organizations

○ By holding various concurrent events by field and industry group that reflect the latest trend issues, it **leads the trend of the domestic security industry and contributes to expanding the base**

○ To improve the quality of the conference, the **ISEC 2022 Best Speakers** were selected based on evaluations by the lecture evaluation panel that consisted of working-level security officers and visitors' voting and awarded prizes at the awards ceremony.

# Ⅱ ⟩ Details of Event

○ Opening ceremony: ISEC 2022 Opening ceremony (10/18)

○ Conference & Demonstration

○ Best Speaker Award: select and award the "Best Speaker" among the presenters

○ Survey: survey CISO/CSO/CPO/DPO to assess the current status and compile statistics

○ Concurrent events

| Category | Program | Date & Venue |
|---|---|---|
| Opening Ceremony | o ISEC 2022 Opening Ceremony<br>o VIP Booth Tour / VIP luncheon | • October 18th(Tue)<br>• Hall C<br>• Conference Room #307 |
| Conference & Demonstration | o Announces the lastes technology trends and security solution application cases | • October 18th(Tue) – 19(Wed)<br>• Hall C |
| | o Operation and Demonstration of Major Security Solution Exhibition Booth | |
| Concurrent Events | o The 7th Annual Meeting & Regional Forum<br>  – Host : Ministry of Science and ICT | • October 18th(Tue) – 19(Wed)<br>• Conference Room #308 |
| | o CAMP Overseas Business Program<br>  – Host : Ministry of Science and ICT | |
| | o 2022 CPO Workshop<br>  – Host : Personal Information Protection Commission | • October 19(Wed)<br>• Track C |
| | o 2022 Seoul's Cybersecurity Workshop<br>  – Host : Seoul Metropolitan City | • October 18th(Tue)<br>• Conference Room #318 |
| | o The 9th CISO Workshop<br>  – Host : Ministry of Science and ICT | • October 19th(Wed)<br>• Conference Room #307 |
| | o 2022 the 2nd Science and Technology Information Security Conference<br>  – Host : Korea Institute of Science and Technology Information | • October 18th(Tue)<br>• Conference Room #317 |
| | o Launch Ceremony of OT Security Forum<br>  – Host : OT Security Forum Inauguration Preparation Committee | • October 18th(Tue)<br>• Track A |

# 1    Opening Ceremony

○ Date & Time : Tuesday, October 18, 2022 / 10:30~13:00

○ Venue : Hall C, Conference Room #307 at COEX in Seoul

○ Attendants : Officials from organization, Head of Sponsors

○ Timetable

| Classification | Time | Details | Remarks |
|---|---|---|---|
| Preparation | 10:30~10:55 | ○ Guests Arrival / Free talking | − VIP Waiting Room #307(3F) |
| | 10:55~11:00 | ○ Guests Move / Admit | − Go to Hall C(3F) |
| Main Event | 11:00~11:07 | ○ Declaration of the opening & People's rite | − MC : Announcer Sori Moon |
| | 11:07~11:10 | ○ Opening Address<br>− Ki−joo Lee Chairperson of ISEC Organizing Committee | |
| | 11:10~11:20 | ○ Congratulatory Address<br>− Jong−ho Lee Minister of Ministry of Science and ICT | − VOD |
| | | ○ Congratulatory Address<br>− Won−tae Lee president of KISA | |
| | | ○ Congratulatory Address<br>− Clar Rosso Chief Executive Officer of (ISC)² | |
| | | ○ Congratulatory Address<br>− Juan Ignacio Rodriguez Araya Ministerial Office Advisor of<br>   The Ministry of Science, Technology and Telecommunications | |
| | 11:20~11:25 | ○ Photo ops | |
| | 11:25~12:00 | ○ VIP Booth Tour | − VIPs Move |
| VIP Luncheon | 12:00~12:02 | ○ Arrivals and seating | − Conference Room #307(3F) |
| | 12:02~12:05 | ○ Kickoff | |
| | 12:05~12:10 | ○ Greetings | |
| | 12:10~12:15 | ○ Toasting | |
| | 12:15~12:55 | ○ Luncheon | |
| | 12:55~13:00 | ○ Send off | |

# ☐ Distinguished guests (85 people)

| Category | Affiliation | Position | Name |
|---|---|---|---|
| Host/ organizer | ISEC Organizing Committee | Chairperson | Ki-Joo Lee |
| | Korea Internet and Security Agency | President | Won Tae Lee |
| | thebn co., ltd. | CEO | Jung-sik Choi |
| | (ISC)² | Chief Executive Officer | Clar Rosso |
| | (ISC)² | Managing Director, APAC | Clayton Jones |
| Central/ local government | Personal Information Protection Commission | Member | Heung-yeol Yeom |
| | ROK Navy Headquarters | Chief of Staff for Information Planning | Jung-jae Lim |
| | ROK Army Headquarters | Deputy Chief of Staff for Information Planning | Yeol-mok Gwak |
| | ROK Air Force Headquarters | Chief of Staff for Information Planning | Seong-gyu Ju |
| | Cyber Operations Command | Colonel | Yoon-gyu Park |
| | Seoul Metropolitan City | Head of Digigal Affairs | Sang-yong Lee |
| | Seoul Metropolitan City | Digital Policy Officer | Hye-gyeong Lee |
| Relevant agency | Financial Security Institute | President | Chul Woong Kim |
| | Korea Internet and Security Agency | Head of Internet Incidents Response Division | Dae-gyu Shin |
| | Korea Internet and Security Agency | Head of Digital Security Industry Division | Gwang-hee Choi |
| | Korea Social Security Information Service | Head of Health and Welfare Information Protection Management Group | Jeong-soo Kim |
| | Korea Institute of Science and Technology Information | Director of Science and Technology Security R&D Center | Joong-seok Song |
| | Electronics and Telecommunications Research Institute | Head of Division | Ik-kyun Kim |
| Relevant association | Public Ordering Sector Conference | President | Je-soo Shin |
| | National Telecommunications Officials Council | President | Wan-jip Kim |
| | Telecommunications Technology Association | President | Young-hae Choi |
| | Korea Association for ICT Promotion | President | Myeong-hyo Kang |
| | Korea IT Service Industry Association | Chairman | Hyun-taek Choi |
| | Korea Aviation Security Association | President | Gyu-sik Yoon |
| | Korea Information Security Industry Association | Standing Vice-chairman | Seong-hwan Jung |
| | Online Privacy Association | Vice President | Mi-hyeok Kwon |
| | Korea Institute of Information Security and Cryptology | Senior Vice President | Yoo-jae Won |
| | Korean Association for Industrial Security | President | Seong-jin Ahn |
| | Korea Personal Information Protection Law Association | President | Kyoung-jin Choi |
| Overseas | Ministry of Science, Innovation, Technology, and Telecommunications, Costa Rica | Advisor | Juan Ignacio Rodriguez Araya |
| | Indonesian National Cyber and Signal Agency NCCP | Director | Tjahjo Khurniawan |
| | 28 guests from 17 institutions in 16 CAMP member countries | | |
| Exhibitors | Representatives of exhibitors at ISEC 2022 | | |

# 2 ISEC Conference Program

## 1st Day: October 18(Tue)

※All tracks are serviced by KOR-ENG simultaneous interpretation.

| Time | Program |
|---|---|
| 08:30~09:20 | Registration Check / Tour of Exhibition Booths |
| 09:20~10:00 | [Security Solution Performance Test] Comparative Analysis of 6 Types of Open Source Vulnerability Analysis Tools<br>KAIST Cyber Security Research Center(CSRC) Kang-sik Shin Researcher |
| 10:00~10:30 | [Keynote Speech-1] Next Generation Cyber Security Strategy<br>Doosan and COO DDI Robert Oh Executive Vice President<br>IBM Global Security Services Chris McCurdy Vice President<br>Cybereason Shai Horovitz Chief Revenue Officer |
| 10:30~11:00 | [Keynote Speech-2] Global Cyber Attack Status and Intelligent Protection Strategy<br>Microsoft Korea Mandana Javaheri Security Asia Leader |
| 11:00~11:30 | [Opening ceremony] |
| 11:30~12:00 | [Keynote Speech-3] AI-Based Video Trends and Prospects in the Global Security Industry<br>Hanwha Techwin Sang-won Lee VP of R&D |
| 12:00~13:00 | Lucky Draw / Tour of Exhibition Booths |

| Time | Track A | Track B | Track C | Track D |
|---|---|---|---|---|
| 13:00~13:40 | Study of data security trends through a case study of building a data security system<br>ESTsecurity<br>Kyu-won Lee<br>Team Leader | MITRE ATT&CK / ATT&CK Evaluations / EDR<br>AhnLab<br>Myeong-su Lee<br>Senior Principal Researcher | Adversary focused next-generation endpoint security platform - One solution from security threat detection to automatic response<br>CrowdStrike<br>Sung-hyun Boo<br>Sales Engineer | Efficient SOC operation by combining SIEM and SOAR<br>IGLOO CORPORATION<br>Bum-seok Hwang<br>Technical Center Senior |
| 13:40~14:20 | Secure Cloud, hybrid, and multicloud<br>Microsoft Korea<br>Ryu-je Kwang<br>Sr. Security Cloud Solution Architect | How to collect and monitor next-generation personal information access records based on Big Data handling techniques<br>EASYCERTI<br>Jeong-seon Choe<br>Associate Director | Log Management for Multi-Cloud and SaaS applications<br>Logpresso<br>Bong-yeol Yang CEO | Changes and responses to the mobile security market<br>Jiransecurity<br>In-hwan Kim Director |
| 14:20~14:40 | Tour of Exhibition Booths & Break Time | | | |
| 14:40~15:20 | [OT Security Forum Launch Ceremony]<br>[Convergence Security] OT security architecture and phased application for smart factory and infrastructure protection<br>Fortinet<br>Hyeon-hee Park Director | Security Requirements for Public Cloud Computing Environments<br>ASTRONSECURITY<br>Keun-seok Cho CEO | Fight against supply chain attacks from customer's perspective<br>Redpensoft<br>(Softcamp)<br>Ik-chan Jeon<br>Vice President | Cross-layered threat correlation and threat story insights with XDR<br>Trend Micro<br>Myung-ik Yoon<br>Director |
| 15:20~16:00 | [Convergence Security] What you need to make sure for OT cybersecurity<br>Nozomi Networks<br>(ToCSG)<br>Yang-su Park<br>Regional Sales Engineer | The future of user/device authentication driven by ultra-lightweight, one-way dynamic authentication technology<br>SSenStone<br>Dong-keun Choi President | Recent threat trends and a lifecycle of ransomware attack<br>Akamai Technologies<br>Chun-heong Han<br>Solutions Engineering Manager | Next Level Email Threats, Effective Response Strategy to BEC(Business Email Compromise)<br>Proofpoint(Ncurity)<br>Tae-yong Choi Director |
| 16:00~16:20 | Tour of Exhibition Booths & Break Time | | | |
| 16:20~17:00 | [Convergence Security] OT/ICS Cybersecurity Threat Types and Countermeasures<br>NAONWORKS<br>Seong-hun Lee<br>Senior Manager | New threats to software supply chain of open source<br>Checkmarx(SNA)<br>Louis Park<br>Channel Sales Engineer | Uncovering Worok<br>ESET<br>Andhika Wirawan<br>Head of Strategic Business Development - APAC | Identity security in the age of Zero Trust<br>SailPoint Korea<br>Joo-heon Kim<br>Senior Solution Engineer |
| 17:00~17:40 | [Convergence Security] Trends and Policy Directions of Security Industry for Safe Unmanned Store Implementation<br>KISA<br>Min-jun Shin<br>Senior Researcher | WAF for API Security<br>PIOLINK<br>Ji-hyun Kim Director | Botnet, Killnet and Zero Day Attacks - Keeping up with the evolving threat landscape<br>Edgio Korea<br>Richard Yew<br>Senior Director of Security Solution | Overcoming CAD Security Issues with the State-of-the-Art UPC Technology<br>Fasoo<br>Hyung-dong Yoon<br>Principal Engineer |
| 17:40~18:00 | Lucky Draw and Closing | | | |

# 🔲 2nd Day: October 18(Wed)  ※All tracks are serviced by KOR-ENG simultaneous interpretation.

| Time | Program |
|---|---|
| 08:30~09:30 | Registration Check / Tour of Exhibition Booths |
| 09:30~10:30 | [Talk Concert] Major security threats and corporate security know-how from the three white hackers in 2022 |
| 10:30~11:00 | [Keynote Speech-4] Keywords for Recent Information Security in 2022<br>ESTsecurity Bong-phil Kim Director |
| 11:00~11:30 | [Keynote Speech-5] The Era of Digital Transformation! Multi-dimensional AIoT Technology Trend that goes beyond Video<br>Hikvision Korea Simon Shen Senior Manager |
| 11:30~12:00 | [Keynote Speech-6] XDR, Navigating the Hype Machine and Cutting Through the Noise<br>CrowdStrike Valerian Rossigneux Sales Engineering Manager, Asia |
| 12:00~13:00 | Lucky Draw / Tour of exhibition booths |

| Time | Track A | Track B | Track C | Track D |
|---|---|---|---|---|
| 13:00~13:40 | Latest cyber security threat trends and strategies<br>Doosan Digital Innovation<br>Ki-pyoung Ma<br>General Manager, Team Leader<br>IBM Global Security Services<br>Byong-jun Na<br>Threat Management Consulting BTS | Must have EDR,<br>It is a necessity,<br>not a choice<br>SentinelOne(ESCARE)<br>Jung-su Park<br>Senior Sales Engineer | [CPO Track]<br>Digital Age,<br>Privacy Policy Direction<br>Personal Information Protection Commission<br>Byung-nam Lee<br>Director | Case studies for the malware detection automation by the reverse engineering – Proposal of the next-generation defensive technology for blocking the malware<br>SecuLetter<br>Cha-sung Lim CEO |
| 13:40~14:20 | Firewall policy management for work-life balance<br>JiranSNC<br>Leo Chung<br>Director | Everything about cloud security at once!<br>TATUM SECURITY<br>Su-hyun Park<br>Development director | [CPO Track]<br>Data privacy pseudonymization system<br>EASYCERTI<br>Gyu-seong Lee<br>Executive Managing Director | The Global Flow of AI Knowledge Management and the Application Procedure and Introduction Effect of Domestic Solutions<br>mcloudoc<br>Gyeong-eun Lim<br>Software Developer |
| 14:20~14:40 | Tour of Exhibition Booths & Break Time | | | |
| 14:40~15:20 | [Convergence Security]<br>Development of AI Solutions in Video Security<br>Hanwha Techwin<br>Seung-in Noh<br>Head of AI Lab | Comprehension about Cloud Security based on SASE<br>MONITORAPP<br>Brian Ryu<br>Director | [CPO Track]<br>Introduction and operation of the 「Access Record Management System」related to measures to prevent leakage of personal details<br>WEEDS KOREA<br>Hoon Kim Head of Division | New mail security measure to prevent Spear Phishing<br>REALSECU<br>Ji-hoon Son<br>Manager |
| 15:20~16:00 | [Convergence Security]<br>Storage beyond storage, Seagate data storage solution<br>Seagate Technology<br>Jung-kyoon Kim<br>Pre-sales | How to visualize API risks and mitigate threats<br>eNsecure<br>Jang-goon Sohn<br>Director | [CPO Track]<br>Measures to block image personal information and technology leakage using artificial intelligence technology<br>L7Security<br>Bok-hee Choi CEO | Security simplification strategy required in the hybrid work environment, transition to SSE<br>SSNC<br>Harry Cho Sales Director |
| 16:00~16:20 | Tour of Exhibition Booths & Break Time | | | |
| 16:20~17:00 | [Convergence Security]<br>How to track users who leaked information by filming his/her monitor screen<br>MarkAny<br>Go Choi CEO | Strengthening Network Security Policies Based On Vulnerabilities<br>SECUI<br>Myung-ki Shin<br>Professional | The Power of Advanced Network Detection and Response with real-time network traffic<br>Comsys(NETSCOUT)<br>Jay Hong<br>Senior Consulting Engineer | The Beginning of Zero Trust Browser Isolation<br>Menlo Security<br>Sung-rae Kim<br>Country Manager of Korea |
| 17:00~17:40 | [Convergence Security]<br>Roadmap of Urban Control Center for Safe Smart City Implementation<br>GangNam-gu Office<br>Jae-oh Seo<br>Team Leader | Global Industry Case Studies on Open Source Security Automation<br>Synopsys Korea<br>Phillip Ivancic<br>APAC Head of Solutions Strategy | Obtaining ISMS Authentication in the Cloud Native Security Environment<br>CHEQUER<br>Kenny Park<br>CISO | The Next Generation Wireless Intrusion Prevention System 「DeepTrust AIR」<br>SECURELETTER<br>Chan-seok Kim<br>R&D Manager |
| 17:40~18:00 | Lucky Draw and Closing | | | |

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## The 7th CAMP Annual Meeting & Regional Forum

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ㅇ Title : The 7th Annual Meeting & Regional Forum

　　　　※ CAMP : Cybersecurity Alliance for Mutual Progress

ㅇ Host : Ministry of Science and ICT

ㅇ Organizer : Korea Internet & Security Agency

ㅇ Date : 17(Mon) – 20(Thu) October, 2022

　　　　※ Co-hosting ISEC 2022 : 18(Tue)–19(Wed) October, 2022

ㅇ Venue : Conference Room(South) #308

※ Program

| Time | Program |
|---|---|
| **[Day 1] 18(Tue) October** | |
| 14:00 ～ 16:00 | **The 7th Annual Meeting & Regional Forum** |
| | Opening Address/Welcome Speech/Congratulatory Address |
| | Introducing CAMP Program |
| | 2022 CAMP Online Annual Meeting Result |
| | Introduction of Cybersecurity AI Dataset |
| | CAMP Regional Presentation |
| | CAMP Future Plan Discussion |
| | Closing |
| | **GCCD Cybersecurity Seminar** |
| 16:25 ～ 16:30 | Opening / GCCD Introduction |
| 16:30 ～ 17:00 | Introduction to (ISC)² 1M CC Program |
| 17:00 ～ 17:30 | World Bank Cybersecurity Project |
| 17:30 ～ 18:00 | 2022 GCCD Cybersecurity Hands-on Exercise |
| **[Day 2] 19(Wed) October** | |
| 10:00 ～ 12:00 | **CAMP Global Showcase** |
| 12:00 ～ 14:00 | Luncheon |
| 14:30 ～ 16:00 | **1:1 Business Meeting** |
| 16:00 ～ 16:30 | Coffee Break |
| 16:30 ～ 18:00 | **1:1 Business Meeting** |

# 2022 CPO Workshop

○ Title : 2022 Chief Privacy Officer(CPO) Workshop

○ Host : Personal Information Protection Commission(PIPC)

○ Organizer : ISEC Organizing Committee, thebn Co., Ltd.

○ Date & Time : 19(Wed) October 2022, 13:00-16:00

○ Venue : CPO Track, Hall C

○ Objective : Privacy awareness and capacity building

○ Attendees

- Privacy officers at central government agencies and metropolitan governments
- Privacy officers and staff at affiliated public institutes

※ Program

| Time | Program | Speaker |
|---|---|---|
| 13:00~13:40 | ○Digital Age, Privacy Policy Direction | PIPC Lee, Byungnam Director |
| 13:40~14:20 | ○Data privacy pseudonymization system | EASYCERTI Hyun suk Kim Director |
| 14:20~14:40 | Tour of exhibition booths and Rest | |
| 14:40~15:20 | ○Introduction and operation of the 「Access Record Management System」 related to measures to prevent leakage of personal details | WEEDS KOREA Kim Hoon Head of division |
| 15:20~16:00 | ○Measures to block image personal information and technology leakage using artificial intelligence technology | L7Security Bokhee Choi CEO |

# 2022 Seoul Cybersecurity Workshop

○ Title : 2022 Seoul Cybersecurity Workshop

○ Host : Seoul Metropolitan City

○ Date & Time : 18(Tue) October 2022, 13:30−17:30

○ Venue : Conference Room 318

○ Objective : Discuss the latest information security trends and key issues;
observe various security solution demonstrations at ISEC 2022 for
working−level security officers' capacity building

○ Attendees

- Information security officers at Seoul Metropolitan City, its autonomous districts and invested/funded institutions
- Telecommunications officials nationwide

※ Program

| Time | Program |
|---|---|
| 13:30～13:50 | Registration |
| 13:50～14:00 | [Greetings] |
| 14:00～15:30 | [Session 1]<br>○ Zero trust cybersecurity strategy<br>− Prof. Won Yoojae, Chungnam National University |
| 15:30～17:00 | [Session 2]<br>○ Security threats to smart factories and countermeasures<br>− Baek Jong−hyeon, KISA |
| 17:00～17:30 | [Discussions over key issues and challenges] |

# The 9th CISO Workshop

○ Title : The 9th CISO Workshop

○ Host : Korea Council of Chief Information Security Officer

○ Organizer : ISEC Organizing Committee, thebn Co., Ltd.

○ Sponsor : Ministry of Science and ICT, KISA, KLID

○ Date & Time : 19(Wed) October  2022, 14:00-16:30

○ Venue : Conference Room 307

○ Attendees

· CISO Korea members

· Major local companies' chief information security officers (CISOs)

· CISOs from businesses obliged to appoint and report CISOs

※ Program

| Time | Program |
|---|---|
| 13:30~14:00 | ■ Check-in and admission<br>■ Greetings and networking |
| 14:00~14:10 | [Opening ceremony]<br>○ Opening address: Lee Ki-joo, CISO Korea President<br>○ Congratulatory address: Kim Jeong-sam, Ministry of Science and ICT Information Protection Network Policy Officer |
| 14:10~14:30 | [Presentation]<br>○ "Cyber-breach case studies and responses following digital security transformation" – Kim Gwang-yeon, KISA Incident Analysis Team |
| 14:30~15:00 | [Presentation]<br>○ "Latest trends in threats and new technology-based SOC advancement strategy" – Cho Kawon, Head of Security Technical Sales, IBM Korea |
| 15:00~16:00 | [Industry/job-specific Round Table]<br>○ Issue-based meet-ups with incumbent security officers<br>○ Public, Service, Logistics, Manufacturing, Construction, Finance, Telecommunications, Education, Healthcare, SI, Fintech, Blockchain, AI and Big data, etc. |
| 16:00~16:20 | [After Meet-Up]<br>○ Sharing discussions and case studies with other groups |
| 16:20~16:30 | [Closing]<br>○ Survey and giveaways |

# The 2nd Science and Technology Information Protection Conference

○ Title: 2022 Seoul Cybersecurity Workshop

○ Host: Korea Institute of Science and Technology Information

○ Date & Time/Venue: 18(Tue) October 2022, 13:00-18:00 / Conference Room 317

○ Attendees: Science and technology information security officers and relevant personnel

※ Program

| Time | Program | Speaker | Moderator |
|---|---|---|---|
| 13:00~13:30 | Science and Technology Information Protection Conference Registration | Secretariat | |
| 13:30~13:40 | Greetings | Chairperson | |
| 13:40~14:10 | [Case study] Public cloud transition and introduction | Park Jae-woong, Associate Fellow, Korea Institute of Human Resources Development in Science and Technology | Kim Dae-gyeom, Korea Research Institute of Bioscience and Biotechnology |
| 14:10~14:20 | Coffee Break | | |
| 14:20~14:50 | [Tech-speech] Key cyber-threat issues | Ahnlab Park Tae-hwan | |
| 14:50~15:00 | Coffee Break | | |
| 15:00~15:30 | [Case study] Response to the 2022 government information security audit and evaluation | Park Yang-soo, Gwangju Institute of Science and Technology | |
| 15:30~15:40 | Coffee Break | | |
| 15:40~16:10 | [Tech-speech] Internet isolation through remote browsers | Lee Jun-seok, Softcamp | |
| 16:10~16:20 | Coffee Break | | |
| 16:20~16:50 | [Case study] Next-generation network threat detection and response development | Yoo Yeong-geun, Korean Research Institute of Chemical Technology | |
| 16:50~17:00 | Coffee Break | | |
| 17:00~18:00 | [Other presentation] Focal points for the Science and Technology Cyber Security Center | Focal points for the Science and Technology Cyber Security Center | |
| 18:00~20:00 | Dinner | | |

# Launch Ceremony of OT Security Forum and Lectures

○ Title : Launch Ceremony of OT Security Forum

○ Host : OT Security Forum Inauguration Preparation Committee

○ Date & Time : 18(Tue) October 2022, 14:40-14:50 14:40~14:50

○ Venue : Convergent Security Track, Hall C

○ Attendees

- Smart factory/OT/security officers at government and public agencies
- OT/IT/security officers at large enterprises' manufacturing facilities
- Global OT solution suppliers
- OT security specialists

※ Program

| Time | Program | Remark |
|------|---------|--------|
| 13:50~14:30 | ○ Greetings among attendees to the OT Security Forum<br>○ Purposes and objectives of the OT Security Forum<br>○ Guide to the OT Security Forum Inaugural Ceremony | Conference Room #314 |
| 14:40~14:50 | ○ OT Security Forum Opening Ceremony<br>– From IT to IT-OT convergent security!<br>  A new paradigm shift | Convergent Security Track,<br>Hall C |
| 14:50~15:20 | ○ OT security architecture and phased application<br>  for smart factory and infrastructure protection | Fortinet<br>Hyeon-hee Park Director |
| 15:20~16:00 | ○ What you need to make sure for OT cybersecurity | Nozomi Networks<br>Yang-su Park<br>Regional Sales Engineer |
| 16:00~16:20 | Tour of Exhibition Booths & Break Time | |
| 16:20~17:00 | ○ OT/ICS Cybersecurity Threat Types<br>  and Countermeasures | NAONWORKS<br>Seong-hun Lee Senior Manager |

# Security Solution Demonstration & Exhibition

○ Host : ISEC Organizing Committee

○ Organizer : Korea Internet & Security Agency, Korea CISO Council, (ISC)², thebn Co., Ltd

○ Date & Time : 18(Tue) - 19(Wed) October, 2022 09:00~18:00

○ Venue : Hall C, Coex

○ Scale : Total 111 Companies, 153 Booths

○ Contents

- Identifying needs and sharing cybersecurity information through the communication between suppliers and consumers
- Present practical guide for practical application of solutions
- Sharing of the latest cyber emergency response solutions cases
- Opportunity to compare different solutions in one place
- Promote new products and new technologies through introducing and demonstrating the latest security solutions
- 1:1 Business Consulting
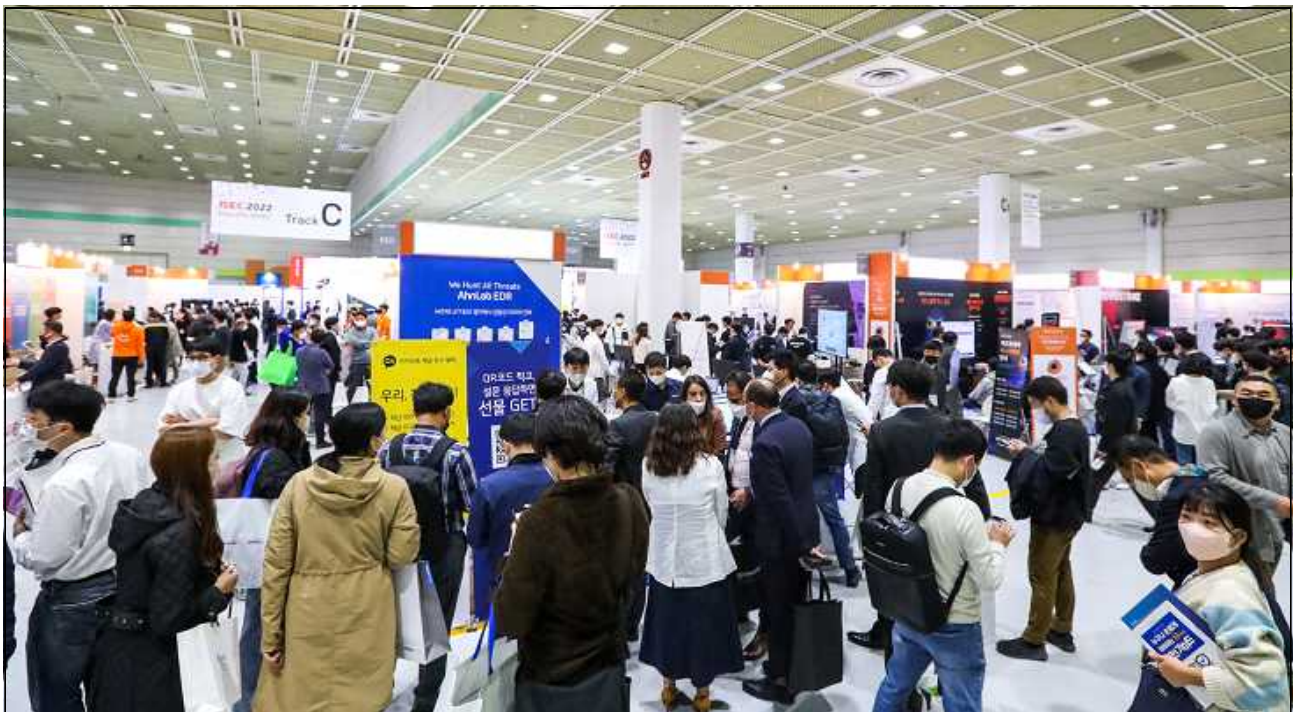
# Ⅲ Appendix

## Appendix 1 Exhibitors and Exhibits (※ Alphabetical order)

| No | Exhibitors | Business field and a staple product |
|---|---|---|
| 1 | (ISC)$^2$ | CISSP® certification |
| 2 | AhnLab | Endpoint, Cloud, NW, OT Security |
| 3 | AI Spera Inc. | Cyber Threat Intelligence |
| 4 | Akamai Korea | Enterprise Security, Cloud Security, AAP |
| 5 | Astron Security Co.,Ltd. | A cloud workload security solution (astron-cws) |
| 6 | AXGATE | Network security (firewall, VPN) |
| 7 | Axonius, Inc. | A cybersecurity asset management platform |
| 8 | BANDI S&C | An IT security and information protection solution |
| 9 | BESPIN GLOBAL | OpsNow Security |
| 10 | Bitdefender | Antivirus, EDR, XDR |
| 11 | chechmarx | A source code vulnerability diagnostic solution |
| 12 | CHEQUER, Inc. | QueryPie (data governance) |
| 13 | CISO Korea | Raise the level of information protection in businesses across society and built a cooperative system of local CISOs |
| 14 | Comsys | NDR |
| 15 | COONTEC | Mend(open source security solution), Cybellum(binery verification solution) |
| 16 | Crosscert Inc. | SSL certificate |
| 17 | CrowdStrike | End point protection / cloud security |
| 18 | Crypto Lab Inc | Homomorphic encryption products, post-quantum cryptography toolkits |

| No | Exhibitors | Business field and a staple product |
|---|---|---|
| 19 | CyberArk | Access rights management |
| 20 | Cybereason | A cybersecurity solution(SW) |
| 21 | Cybertek holdings Inc | Imperva API Security |
| 22 | Digicert | SSL certificate |
| 23 | DONGHOON Itech | Skyhigh Security, CyberArk |
| 24 | Doosan Digital Innovation | Cyber Security Solution(SW) |
| 25 | EASYCERTI Inc. | Personal information pseudonymized and anonymized processing solution, personal information access log solution, personal information filtering solution, etc. |
| 26 | Edgio Korea | API security, DDoS security, WAAP, and other security service |
| 27 | eNsecure Inc. | NPMD, Cloud & API Security Solutions |
| 28 | Escare | SentinelOne Singularity Core, Control, Complete |
| 29 | ESET Korea | Antivirus, EDR, Firewall |
| 30 | ESTsecurity | Endpoint security, data security solutions |
| 31 | e-Tech System CO.,Ltd | End point, DLP, proxy / firewall |
| 32 | ezCaretech | Hospital information system (HIS) |
| 33 | Fasoo | Data identification and classification, data security, document management, document collaboration, drawings security and collaboration, etc. |
| 34 | FireMon | Firewall |
| 35 | FORTINET | OT security solution |
| 36 | GST Co., Ltd. | An automated access control robot solution |

| No | Exhibitors | Business field and a staple product |
|---|---|---|
| 37 | Hanwha Techwin | AI security equipment(CCTV/HVR, etc.) |
| 38 | HIKVISION | AIoT |
| 39 | Hillstone Networks Korea | Antivirus, EDR, Firewall |
| 40 | IBM Security | Cyber Security Solution(SW) |
| 41 | IGLOO Corporation | Integrated security management(SIEM) |
| 42 | Imperva | Imperva API Security |
| 43 | INITECH | Authentication security |
| 44 | Innerbus | Integrated log management solution |
| 45 | INSEC Security | Digital forensic and malware detection and blocking |
| 46 | Jirandata Co., Ltd. | IDFILTER, PCFILTER, SERVERFILTER, WEBFILTER |
| 47 | JiranSecurity | Mud Fix(malignant email drill), Docu One(document centralization), Sani Tox(CDR) |
| 48 | JiranSNC Co.,Ltd | VADA(automatic system vulnerability detection), The Bangtan PC(remote work PC security), etc. |
| 49 | JIRANSOFT | Information leak prevention solution |
| 50 | KSIGN Co., Ltd, | An IT security and information protection solution |
| 51 | L7 Security Co., Ltd. | An AI-based image personal information blocking solution |
| 52 | Logpresso Inc. | Automated security operations(SOAR) |
| 53 | LORDSYSTEM | Mobile passport-based digital identity authentication solution for tourism |
| 54 | Magnet Forensics | Digital Forensic |

| No | Exhibitors | Business field and a staple product |
|---|---|---|
| 55 | Mark Any | A solution for PC screen elicitor tracking and prevention(cybersecurity) |
| 56 | mcloudoc Co., Ltd | An AI knowledge management solution |
| 57 | MEGAZONE | Enterprise Security, Cloud Security, AAP |
| 58 | Menlo Security | Cloud Security |
| 59 | Microsoft | Microsoft security solutions including threat detection, integrated security, end-to-end security, risk management, account protection |
| 60 | Mocomsys Inc. | Mpower EZis-C(document centralization solution) |
| 61 | MONITORAPS | Aion Cloud(SECaaS) |
| 62 | Namusoft | Filing Box: A storage protection solution that protects files from cyber-attacks<br>Auto Password: An integrated business system automatic authentication solution for cybersecurity incident prevention |
| 63 | NAONWORKS Co., Ltd. | A solution for OT abnormality and security threat detection |
| 64 | Ncurity | A cybersecurity solution |
| 65 | NETSCOUT | NDR |
| 66 | NICE TCM Co., Ltd. | AIoT |
| 67 | Nota Incorprated | A smart city and social security solution |
| 68 | Nozomi Networks | OT & IoT Security |
| 69 | NPCore, Inc | A security solution / Zombie ZERO APT & EDR |
| 70 | OneMore Security | An intelligent video analysis solution, FIDO certification |
| 71 | OPSWAT | Malware detection and blocking |
| 72 | OSBC | Open source, Snyk, FossID |

| No | Exhibitors | Business field and a staple product |
|----|-----------|--------------------------------------|
| 73 | Penta Systems Technology Inc. | DataEye Potal |
| 74 | PIOLINK | Web firewall(network and security solution) |
| 75 | Plantynet | Non-work-related/harmful website blocking solution, SSL traffic decoding solution, network packet broker(NPB) |
| 76 | PRIBIT Technology Inc. | Data flow layer based zero trust communication solution(information security) |
| 77 | Proofpoint | Cybersecurity solution |
| 78 | Qualys | Qualys TruRiskTM solution |
| 79 | RealSecu CO.,LTD | Mail security solution |
| 80 | RedPenSoft | X-Scan(cloud-based supply chain threat response service) |
| 81 | Roltech | Encryption, key management, integrated IT management, cloud security, SSL, VPN, secondary authentication |
| 82 | SailPoint Technology Inc | Identity Security, Identity Modernisation, Identity Governance, Identity Access Management, SaaS, Software-as-a-Service, Zero Trust Security, etc. |
| 83 | SANDS Lab | A cyber threat intelligence platform |
| 84 | SANS Institute | SANS INSTITUE Training Programs, Certifications, Degree Programs, etc. |
| 85 | Seagate Technology LCC | Storage |
| 86 | SECUI | BLUEMAX IPS, BLUEMAX WIPS |
| 87 | SecuLetter Co,. Ltd. | IT Security & Information Protection Solution |
| 88 | SECUREKI Inc. | A password management solution |
| 89 | SECURELETTER | Wireless intrusition prevention system |
| 90 | SentinelOne | SentinelOne Singularity Core, Control, Complete |

| No | Exhibitors | Business field and a staple product |
|----|-----------|-------------------------------------|
| 91 | SGA Solutions | Cloud security |
| 92 | SKShieldus | EMM, MDM, EPP |
| 93 | Skyhigh Security | Cloud Security |
| 94 | smilelog | Cloud Security |
| 95 | SNA Inc. | A source code vulnerability diagnostic solution |
| 96 | Softcamp Co., Ltd | SHIELDGate, SHIELDEX Remote Browser |
| 97 | SSenStone | A user authentication and security solution |
| 98 | SSNC | Forcepoint ONE(all-in-one cloud native security platform)<br>Firewall automation solution(FPMS: Firewall Policy Management System) |
| 99 | STEALIEN | Application Security Solution |
| 100 | SWIMLANE | A system automation solution including low-code security automation |
| 101 | Symantec | Proxy, DLP, server vaccine |
| 102 | Synopsys Korea Inc | Application Security |
| 103 | Sysone | Cloud Security |
| 104 | Tatum security | Cloud security software |
| 105 | The SE Co., Ltd. | Vulnerability management, patch management, asset management, cloud security, container security, file integrity management |
| 106 | ToCSG Co.,Ltd. | OT security, remote work security, malignant mail drill |
| 107 | Trend Micro | Cloud security |
| 108 | WEEDS KOREA | A personal access log solution |
| 109 | WINS Co., Ltd. | Intrusion protection system, firewall, DDoS response solution, APT response solution, threat management system, etc. |
| 110 | Wookyoung Information Technology | SECUWATCHER(video security), SECUWATCHER for OR(video security), VISCOPER(video analysis) |
| 111 | YHDatabase co.,ltd. | A deep learning and big data-based abnormal financial transaction detection system |

# Appendix 2　Visitor Statistics

## ☐ Turnout of ISEC 2022 : Total 6,391 visitors

○ Visitors
- CEO, CSO, CIO, CISO, CPO, etc
- Government / Local government / Public institution security managers
- A company security officer and charger of security
- Personal Information Protection charger and manager in public & privacy
- Network-system charger and manager in public & privacy
- Cybersecurity consulting and IT audit etc.

## ☐ Visitor Statics

### (1) By Industry　(Unit: Person)

| Category | The number of | Ratio |
|---|---|---|
| Central Government/Local Government/Public Institutions/Army/ Police | 1,860 | 29.1% |
| Finance/Insurance | 1,253 | 19.6% |
| Service | 633 | 9.9% |
| Automotive/Shipbuilding/Energy/Semiconductors | 607 | 9.5% |
| Internet/Content/Game/Multi-media | 441 | 6.9% |
| Medical/Education/Law | 428 | 6.7% |
| Communication/Broadcast | 421 | 6.6% |
| Security Solution Manufacturing · Logistics/SI company | 364 | 5.7% |
| Logistics/Distribution | 173 | 2.7% |
| Construction/Real Estate | 141 | 2.2% |
| Others | 70 | 1.1% |
| Total | 6,391 | 100% |

### (2) By Job Classification　(Unit: Person)

| Category | The number of | Ratio |
|---|---|---|
| Security/Information security | 2,902 | 45.4% |
| Personal Information Protection | 582 | 9.1% |
| Computational/Network | 530 | 8.3% |
| CISO/CPO/CIO/CTO/COO/CFO | 479 | 7.5% |
| System Operation | 435 | 6.8% |
| Development/Program | 396 | 6.2% |
| Sales/PR/Marketing Officer | 383 | 6.0% |
| Purchasing Agent | 237 | 3.7% |
| CEO | 153 | 2.4% |
| Professor/Researcher | 153 | 2.4% |
| Others | 141 | 2.2% |
| Total | 6,391 | 100% |

# Appendix 3     Moments in Photos

Opening remarks by Ki-joo Lee,
Chairperson of ISEC Organizing Committee



Congratulatory remarks by Jong-ho Lee,
Minister of Ministry of Science and ICT



Congratulatory remarks by Won-tae Lee,
President of Korea Internet & Security Agency



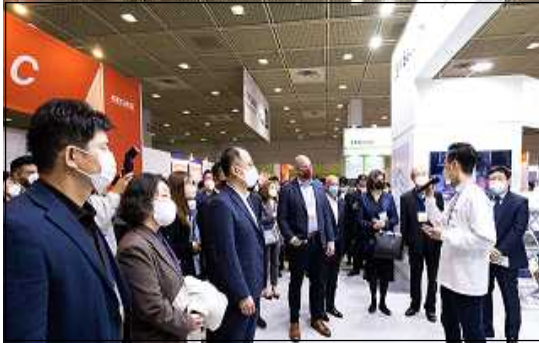Congratulatory remarks by Clar Rosso
CEO of (ISC)²



Congratulatory remarks by Juan Ignacio Rodriguez Araya
Ministrial Office Advisor of MICITT



VIP photo shoot

VIP Booth Tour-1



VIP Booth Tour-2



VIP Booth Tour-3



VIP Booth Tour-4



VIP luncheon - Greetings
Ki-joo Lee
ISEC Organizing Committee Chairperson



VIP luncheon - Toast
Cheol-woong Kim
President of Financial Security Institute



VIP luncheon - Toast
Tjahjo Khurniawan
Director, Indonesian National Cyber and Signal Agency NCCP



VIP luncheon - Toast
Joong-jae Lim
Chief of Staff for Information Planning, ROK Navy HQ

Day 1 [Security Solution Performance Test]
KAIST Cyber Security Research Center(CSRC)
Kang-sik Shin Researcher



Day 1 [Keynote Speech-1]
DDI Robert Oh Vice President, IBM Chris McCurdy
Vice President, Cybereason Eric Nagel General Manager



Day 1 [Keynote Speech-2]
Microsoft Mandana Javaheri Security Asia Leader



Day 1 [Keynote Speech-3]
Hanwha Techwin Sang-won Lee VP of R&D



Day 2 [Talk Concert]
Chan-am Park CEO, Dong-hun Yoo CEO,
Jong-ho Lee Leader



Day 2 [Keynote Speech-4]
ESTsecurity Bong-phil Kim Director



Day 2 [Keynote Speech-5]
Hikvision Simon Shen Senior Manager



Day 2 [Keynote Speech-6]
CrowdStrike Valerian Rossigneux
Sales Engineering Manager, Aisa

[Concurrent Conference]

The 7th Annual Meeting & Regional Forum



[Concurrent Conference]

CAMP Overseas Business Program



[Concurrent Conference]

2022 Seoul's Cybersecurity Workshop



[Concurrent Conference]

The 9th CISO Workshop



[Concurrent Conference]

2022 the 2nd Science and Technology
Information Security Conference



[Concurrent Conference]

Launch Ceremony of OT Security Forum

Photo of event-1



Photo of event-2



Photo of event-3



Photo of event-4



Photo of event-5



Photo of event-6