Cyber Defense in South Korea:

Threats, Requirements and Opportunities

Tuesday, January 25, 2022
7:00PM EST – 6:00PM CST – 4:00PM PST

Duration: 1.5 hours

Fee: Free, ***pre-registration required***

- **Keynote I: National Cyber Defense in South Korea**
  - Shin Insub (ret.) BG, Ph.D., Special Advisor for Cyber & C4I
    ROK Joint Chiefs of Staff
- **Keynote II: Cyber Security environment for military and public sector in Korea**
  - Yoon Joonhyun, Vice President, Jin.N.Hyun Security
- **Fireside Chat: Korean Cyber Defense overview & opportunities**
- **Q&A** moderated by U.S. Embassy Seoul
  - Shin Insub (ret.) BG, Ph.D., Special Advisor for Cyber & C4I
    ROK Joint Chiefs of Staff
  - Colonel David Gigliotti, Chief
    Joint U.S. Military Affairs Group – Korea (JUSMAG-K)
- **Information Session: South Korea cybersecurity certification system**
  - Kim Hosung, Director, Security Industry Promotion Division
    Korea Internet & Security Agency

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Keynote I: National Cyber Defense in South Korea

Shin Insub (ret.) BG, Ph.D., Special Advisor for Cyber & C4I
ROK Joint Chiefs of Staff

Overview of ROK Joint Chiefs of Staff

The Joint Chiefs of Staff (JCS) is the highest military command authority that commands and oversees the operating forces of the Republic of Korea Army, Navy, Air Force, and Marine Corps, as well as the forces in joint formations and in overseas deployment. Since its establishment in 1963, the JCS headquarters has played a central role in defending the country against the persistent North Korean threat and provocations by maintaining a robust military readiness posture.

Mr. Inseop Shin, Special Advisor for Cyber & C4I
ROK Joint Chiefs of Staff



Inseop Shin is a newly appointed special advisor for the Republic of Korea Joint Chiefs of Staff. As a cybersecurity advisor, he conducts various researches and provides advice on cybersecurity policy and field practice at the national security level.
Before his current role, Mr. Shin was a researcher at the Center for Excellence in C4I & Cyber of George Mason University where he led the cybersecurity architectures researches. In 2020, he moved to the Daejeon university as associate director responsible for researches on the implementation of IT technologies to the national healthcare system.
Mr. Shin retired from the Republic of Korea Army as a one-star general in 2016, last serving as the secretary to the President of ROK for cybersecurity from 2015 to 2016. He previously served as director of the R&D center at the Korea Cyber Command.
Mr. Shin holds a bachelor's degree in mechanical engineering from the Korea Military Academy. He earned a Master of Science degree in communication systems from the Naval Postgraduate School and a Ph.D. degree in information technology from George Mason University.

Keynote II: Cyber Security environment for military and public sector in Korea

Yoon Joonhyun, Vice President, Jin.N.Hyun Security

Overview of JIN.N.HYUN

Since 2000, JIN.N.HYUN Security Co., Ltd. provided customer-specific security operation management service and security operation managing platforms. Over the past 20 years, JIN.N.HYUN have been an expert in the security operation management offering development and operation of security system customized to specifically accommodate the needs of various industry customers in Korea contributing to clients' safe and efficient operation of business by building a reliable and securely safe-guarded environment. Serving from financial companies to the government entities in Korea, JIN.N.HYUN continues to provide optimized security solutions and services by applying technologies customized for customers' environment leveraging its expertise on establishment of various security systems and operation management know-how

Joon-Hyun Yoon, Managing Director, JIN.N.HYUN Security



Joon-Hyun Yoon is the Managing Director of JIN.N.HYUN Security leading the Solution Business Division. Since 2019, Joon-Hyun Yoon led various cyber security projects including the following key achievements:

- Advanced information security system set up consulting for Defense Integrated Data Center (2021)
- Testing for mobile phone based mobile operation system set up for ROK Army (2021-2022)
- Security portal set up project for Hana Financial Group (2020-2021)
- Global next generation network security system set up for Hana Bank (2020-2021)
- Vulnerability record management system set up for Incheon International Airport Corporation (2020)
- Governance, Risk & Compliance set up for Korea Electric Power Corporation (KEPCO) (2021-2022)

Joon-Hyun Yoon has worked extensively in cyber security and information & communication areas. Before he joined JIN.N.HYUN in 2019, he worked as Director of Defense Business Division at Daishin Information & Communication (2014-2019) and also for the Information & Communication Business Unit of Samsung C&T Corporation (2000-2004).

He is a graduate of the ROK Military Academy and was commissioned as second lieutenant in 1991. From 1994 to 1995, he served as an Aide-de-camp of ROK Army, U.S. Forces Korea 2nd Infantry Division for General John N. Abrams. He also successfully completed the Advanced E-Governance Course, Professional MBA at Korea Advanced Institute of Science and Technology (KAIST) in 2014.

Fireside Chat: Korean Cyber Defense overview & opportunities

Colonel David Gigliotti, Chief
Joint U.S. Military Affairs Group – Korea (JUSMAG-K)

JUSMAG-K

The Joint U.S. Military Affairs Group-Korea or "JUSMAG-K" as it is known, currently led by Colonel David Gigliotti, is the Security Cooperation Office (SCO) in Korea. JUSMAG-K plans and manages activities and investments with the Republic of Korea across a range of functions designed to mutually develop and enhance the defense capabilities and alliance between our two countries. These functions include the coordination and support to ROK acquisition of U.S. military weapon platforms, munitions, training and sustainment through Foreign Military Sales (FMS). This portfolio is currently valued at over $33B, and consists of advanced platforms such as the F-35 Joint Strike Fighter, RQ-4 Global Hawk, P-8A Poseidon, AH-64E Apache, and PATRIOT PAC-3. JUSMAG-K also helps plan and a variety of Training and Education activities held in both the U.S. and ROK of South Korean defense and military personnel. Additionally, they assist in industrial cooperation supporting the development and sustainment of ROK military platforms (such as KF-X and TA-50), and coordinates collaborative and innovative Research and Development (R&D) centered largely on developing cutting-edge defense-related Science and Technology in the areas of Artificial Intelligence (AI), 5G, Sensors/Lasers, and autonomous platforms. They are working closely with the Ministry of National Defense, Defense Acquisition Program Administration (DAPA), the Agency for Defense Development (ADD), and the ROK Army (ROKA), Navy/Marines (ROKN/MC), and Air Force (ROKAF), and are a critical part of the U.S. Embassy Seoul Country Team, working alongside the Defense Attaché Office, Political, Economic, Commercial, and Consular Sections in the Embassy.

Colonel David A. Gigliotti, Chief, Joint U.S. Military Affairs Group – Korea



Colonel Gigliotti is the Chief of the Joint U.S. Military Affairs Group – Korea (JUSMAG-K), leading a combined organization U.S. military, civilian, and ROK personnel, responsible for managing a $33B+ security assistance portfolio for the Republic of Korea. He reports to the Ambassador (or Chief of Mission) U.S. Embassy Seoul, and advises both U.S. and Republic of Korea Governments on mutual defense modernization and broader security cooperation concerns.

Prior to coming (back) to Korea, Colonel Gigliotti previously served as the Chief of the Security Cooperation Office at the American Institute in Taiwan (AIT). A U.S. Army Foreign Area Officer (FAO) and former Armored Cavalryman, Colonel Gigliotti has worked extensively throughout his career in Korea and the Asia Pacific Region, the Middle East, Africa, and the Western Hemisphere. As the Chief of Asia-Pacific Plans and Force Posture, Department of the Army G-35 Warplans Division (2005-7), he was Army Staff lead to the Security Policy Initiative (SPI) with the Republic of Korea, and the Defense Policy Review Initiative (DPRI) with Japan. From 2007-10, he served as the Korea Country Director for the Joint Staff, J-5 (2007-10), providing analysis and advice to the Chairman of the Joint Chiefs of Staff and U.S. Government Interagency on military and security matters related to Korea. Additionally, he has held multiple command and staff assignments in United Nations Command/Combined Forces Command/United States Forces Korea, to include serving as the Executive Officer and Special Advisor to the ROK four-star Deputy Commander of ROK-US Combined Forces Command. He is a 2002 graduate of the ROK Army Staff College (Daejeon), and Sogang University, holding a certificate in Korean language.

At the Defense Security Cooperation Agency (DSCA), Colonel Gigliotti served as the Regional Division Chief for Africa and the Western Hemisphere; and from 2014-5, led Agency efforts in support of the Counter-Islamic State of Iraq and the Levant (C-ISIL) campaign, managing a $16B+ Iraqi FMS portfolio and of over $2B+ Iraq Train and Equip Fund (ITEF) and related security assistance programs to rebuild Iraqi Security Forces to retake Mosul. He had also deployed in support of OPERATIONS IRAQI FREEDOM (OIF) and NEW DAWN (OND) in from 2010-11 as a planner in United States Forces-Iraq, later serving in the “provisional” Office of Security Cooperation-Iraqi (OSC-I). He is a graduate of Valley Forge Military College (Business Administration), Villanova University (Commerce and Finance), University of Hawaii at Manoa (MA in Asian Studies), and a 2012 graduate of the National War College at Fort McNair, Washington, D.C. (MS in National Strategic and Security Studies) at Fort McNair, Washington, D.C.

Information Session: South Korea cybersecurity certification system

Kim Hosung, Director, Security Industry Promotion Division
Korea Internet & Security Agency

About KISA

Korea Internet & Security Agency, KISA, a sub-organization of the Ministry of Science and ICT's is the only Internet and Information Security promotion organization in Korea with an aim to improve global competitiveness of Korea's Internet industry as the task of our time. KISA has set 'Internet promotion' for the future and 'Information Security' for our safety as its primary tasks and is focusing on enhancing the information security capacity of Korea's ICT industry and expanding global cooperative partnership based on the K-ICT Security Development Strategy, so that these two pillars can equally and harmoniously serve as the core competencies of the future Korea. Based on these efforts, KISA aims to help Korea cement its position once again as a competitive global future Internet powerhouse and help the Korean economy make another leap forward through ICT industry promotion. KISA will strive to become an innovative and future-oriented organization that contributes to public happiness and national economic development through creating a sound and safe Internet environment.

Mr. Ho Seong Kim, Director

Kim Ho Seong is a director for the Security Assurance & Certification Division of the Information Security Industry Group in the Korea Internet & Security Agency where he has devoted all his practice to cybersecurity and personal data protection for the last twenty years. In his previous role with KISA, he served as director for the Personal Data Policy Division. He also held positions with several other divisions of KISA including K/CC security performance Evaluation team and Enterprise security team.



Direct Questions:

Pompeya Lambrecht
U.S. Commercial Service, ICT Team

Dan Kim
U.S. Commercial Service, Asia Team

Jason Sproule
U.S. Commercial Service, Aerospace & Defense Team