OPPORTUNITY
In order to meet the needs of various industry professionals, the International Finance Center Seoul (IFC Seoul) needed to upgrade the existing AV system in The Forum.

SOLUTION
IFC Seoul recently decided to upgrade the existing AV system in The Forum. After consulting with industry-leading distributors TechData Co., Ltd., IFC Seoul installed a HARMAN networked AV system.

"The Forum at IFC Seoul requested a state-of-the-art AV system capable of delivering latency-free video conferencing and audio recording," said Mark Shin, Technical Engineer, TechData Co., Ltd. “In order to create a system powerful enough to meet their needs, yet simple enough for the staff to operate without a professional engineer, we decided to create a solution using HARMAN’s class-leading products."

To deliver immersive sound in The Forum, TechData deployed a line array of column loudspeakers, including JBL Intellivox HP-DS170, Intellivox DC115 and CBT 100LA-1 speakers. For added depth, TechData installed JBL Control 18C/T ceiling-mounted loudspeakers. JBL AC15 and EON610 loudspeakers on the walls provide balanced coverage throughout the facilities. The system is powered with Crown XTi 2002 and XTi 1002 amplifiers. A versatile Soundcraft Si Performer 1 mixing console provides advanced processing for audio and DMX signals.

TechData utilized an array of AMX products to provide complete control over the system. AMX NMX-ENC-N1122, NMX-ENC-N1115-WP, NMX-DEC-N12222 and NMX-WP-N1512 processors provide HDMI-quality video and audio over IP. The AMX NMX-ENC H.264 encoder captures live video recordings directly to a USB hard drive. To complete the setup, the AMX SC-N8001 AV control system was installed along with NX-3200, EXB-IRS4, and EXB-REL8 control interfaces. An MSD-1001 wall mount touch panel offers intuitive control over all devices in the network.

Our engineers at the Forum are very pleased with the new meeting spaces and are quite impressed by the new HARMAN system. It’s really improved the audio and video quality during lectures, seminars and small performances."
“Our goal was to create the best conference space in Korea,” said HJ Jeon, Director, IFC Seoul. “Our engineers at the Forum are very pleased with the new meeting spaces and are quite impressed by the new HARMAN system. It’s really improved the audio and video quality during lectures, seminars and small performances.”

“It is HARMAN’s privilege to equip IFC Seoul with an industry-leading AV system,” said Ramesh Jayaraman, VP & GM HARMAN Professional Solutions, APAC. “We would like to thank TechData Co., Ltd. for their continued partnership and expertise in utilizing HARMAN’s AV solutions in creating engaging meeting spaces and inspiring creative minds.”

**PRODUCTS USED**

- AMX NMX-ENC H.264 ENCODER
- AMX SC-N8001 AV CONTROL SYSTEM
- AMX NX-3200, EXB-IRS4, AND EXB-REL8 CONTROL INTERFACES
- AMX MODERO X MSD-1001 WALL MOUNT TOUCH PANELS
- CROWN XTI 2002 AND XTI 1002 POWER AMPLIFIERS
- JBL INTELLIOX HP-DS170, INTELLIOX DC115 AND CBT 100LA-1 LOUDSPEAKERS
- JBL CONTROL 18C/T CEILING-MOUNTED LOUDSPEAKERS
- JBL AC15 AND EON610 LOUDSPEAKERS
- SOUNDCRAFT SI PERFORMER 1 MIXING CONSOLE
ABOUT HARMAN

HARMAN (harman.com) designs and engineers connected products and solutions for automakers, consumers, and enterprises worldwide, including connected car systems, audio and visual products, enterprise automation solutions; and services supporting the Internet of Things. With leading brands including AKG®, Harman Kardon®, Infinity®, JBL®, Lexicon®, Mark Levinson® and Revel®, HARMAN is admired by audiophiles, musicians and the entertainment venues where they perform around the world. More than 50 million automobiles on the road today are equipped with HARMAN audio and connected car systems. Our software services power billions of mobile devices and systems that are connected, integrated and secure across all platforms, from work and home to car and mobile. HARMAN has a workforce of approximately 30,000 people across the Americas, Europe, and Asia. In March 2017, HARMAN became a wholly-owned subsidiary of Samsung Electronics Co., Ltd.