

## CASE STUDY

# BROADCAST



### OPPORTUNITY

Provide future-proof audio matrixing and mixing capabilities for SBS's new 4K OB Van.



### SOLUTION

Dong Yang Digital supplied the audio mixer and audio matrix with Studer's Vista X and Infinity Core 400, delivering high quality of sound in the audio room.

### SEOUL BROADCASTING SYSTEM, SOUTH KOREA

Seoul Broadcasting System (SBS) is a national South Korean television and radio network. As the only private commercial broadcaster with wide regional network affiliates to operate in the country, they were looking to add a new 4K OB Van to their broadcasting capabilities. Investing in their first 4K OB Van meant that SBS wanted to ensure they used the best equipment which is when they turned to Studer by HARMAN.

Dong Yang Digital, HARMAN's South Korean broadcast partner, supplied the audio mixer and audio matrix with Studer's Vista X and Infinity Core 400, delivering high quality of sound in the audio room. This is the first 12-G SDI UHD Single link production vehicle to enter the South Korean market and was built by leading German system integrator, Broadcast Solutions, in cooperation with Dong Yang Digital.

"The Vista X together with the Infinity Core offer unprecedented advantages when it comes to live mixing and big productions," said Junho Yoon, Team Manager, Facility Operation and Management, Seoul Broadcasting System. "For instance the Vista X uses four independent processors to achieve high levels of redundancy in the control surface while CPU-based DSP makes it viable to provide two completely independent DSP cores running in parallel."

Among its many advantages, the Vista X provides operators with the powerful VistaMix feature which ensures intelligibility and a clear, consistent sound in live, unscripted, multi-microphone events. VistaMix mirrors the capabilities of a highly skilled operator, and does so at lighting speed. It increases gain for talking mics and reduces gain for others, all while keeping the total gain at a constant level.

The new OB Van successfully passed its first test on the production for the ISU World Cup Short Track Speed Skating competition at Gangneung, South Korea and will contribute to the production of high-quality programs for 2018 PyeongChang Winter Olympic Games UHD relay broadcasts.

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AKG

AMX

ESS

CROWN

dbx

JBL  
PROFESSIONAL

lexicon

Martin

Soundcraft

STUDER



“

The Vista has proven to be a highly reliable console that offers optimal performance and great value to our customers.”

“This is a prestigious project for HARMAN Professional Solutions and our partner Dong Yang Digital,” said Ramesh Jayaraman, VP & GM, HARMAN Professional Solutions, APAC. “The Studer Vista X chosen by SBS for their OB Van showcases the strength of the brand and its performance standards given that there are several hundred Vista consoles in daily use within the Korean broadcasting industry. The Vista has proven to be a highly reliable console that offers optimal performance and great value to our customers.”

#### PRODUCTS USED

STUDER VISTA X

STUDER INFINITY CORE 400



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