



OPPORTUNITY

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Kasikornbank required a state-of-the-art
networked audio system that would provide
more than 100 meeting rooms with highquality audio and intuitive control.



SOLUTION

Kasikornbank selected a comprehensive HARMAN networked audio solution consisting of JBL speakers, Crown amplifiers, BSS audio processors and AMX control systems.



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KASIKORNBANK, THAILAND

Founded in 1945, Kasikornbank is one of the largest commercial banks in Thailand, operating more than 1,100 branch locations throughout the nation. To accommodate its rapid growth, Kasikornbank recently relocated its headquarters to a new 11-story office building in downtown Bangkok.

Kasikornbank hired AV integrator Mahajak Development to design and install a state-of-the-art networked audio system that would provide more than 100 meeting rooms with high-quality audio and intuitive control. In order to ensure professional audio during meetings and conferences at the new facility, Mahajak Development selected a comprehensive HARMAN networked audio solution consisting of JBL speakers, Crown amplifiers, BSS audio processors and AMX control systems.

"In order to support our tremendous growth and provide our customers with modern services and amenities, we recently completed construction on our new state-of-the-art office building," said a spokesperson for the bank. "The new facility required a large-scale AV system that would be sophisticated and user-friendly, with a modern and clean design that matches the aesthetics of our new space. The HARMAN system installed by Mahajak is powerful enough to cater to our large number of meeting spaces, and simple enough for our staff to operate confidently."

The audio system installed by Mahajak Development includes JBL Control Series speakers, which provide superior intelligibility and optimum audio coverage in Kasikornbank's conference rooms. The Control Series leverages JBL's exclusive Radiation Boundary Integration technology to provide consistent and wide coverage sound throughout the listening area. The system is powered by Crown CDi Series and ComTech DriveCore amplifiers.























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For mixing of sources and zones, Mahajak Development installed eight-channel Crown 28M pre-amplifier/mixers and JBL CSMA1120 four-channel mixer/amplifiers, which feature a sleek and industrial design for commercial sound applications. Throughout the facility, the audio is networked and configured via BSS Soundweb London BLU-100 and BLU-50 signal processors. The BLU-50 offers a fixed configuration options of four inputs and four outputs, configurable signal processing, logic processing and BLU link. The BSS BLU100 offers a fixed configuration of 12 inputs and 8 outputs of configurable signal processing and a high bandwidth, fault tolerant digital audio bus. The BLU-100 also features open architecture that is fully configurable through HiQnet™ London Architect, offering a rich palette of processing and logic objects and a drag and drop method of configuration.

Mahajak built the entire system around the AMX NetLinx® NX Series Integrated Controller, which provides intuitive operation of the sophisticated AV system, as well as a scalable platform for the future by combining high performance, backward compatibility and extensive network security features. Finally, AMX ControlPads enable local control of the volume levels in each room via a built-in Ethernet port, which can be configured to control volume, input selection, and power for a wide range of AV devices.

PRODUCTS USED

JBL CONTROL SERIES SPEAKERS
CROWN CDI SERIES AMPLIFIERS
CROWN COMTECH DRIVECORE SERIES AMPLIFIERS
AMX NETLINX NX SERIES CENTRAL CONTROLLERS
AMX CONTROLPADS







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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.



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