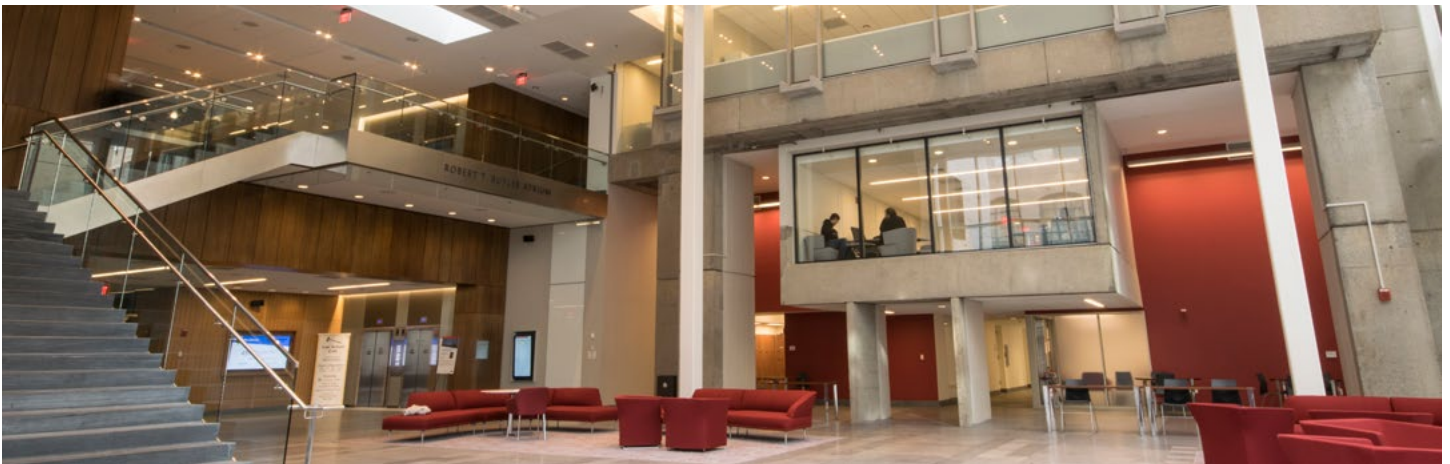**biamp.**

Boston University School of Law

SUMMARY

- **LOCATION**
  Boston, Massachusetts, USA

- **FACILITY SCOPE**
  93,000 square foot, five-story classroom building and 17-story law tower

- **OBJECTIVES**
  Outfit new wing of the law school with an AV system that enables webcasting for remote learning and record- and- playback capabilities. Renovate existing classrooms, updating the AV system to be compatible with the new addition.

- **BIAMP SOLUTION**
  Tesira with SpeechSense™ and AmbientSense™ and AVB/TSN

- **OUTCOME**
  Using Tesira's AVB/TSN backbone, the system provided the scalability the project required while saving money and ensuring system flexibility for future expansion.

- **EQUIPMENT**
  - TESIRA SERVER-IO AVB
  - TESIRA AVB-1
  - SEC-4
  - SIC-4
  - SOC-4
  - STC-2
  - TESIRAFORTÉ AVB AI
  - TESIRAFORTÉ AVB CI

Boston University School of Law is nationally recognized for its exceptional teaching and preeminent scholarship. Understanding the importance of technology in the classroom, the university built a new 93,000-square-foot, five-story addition to its 17-story Law Tower, also completing a full-scale renovation of the original structure.

Each of the new building's classrooms, practice courtrooms, and seminar rooms is equipped with AV technology to enable both webcasting for remote learning and record-and-playback capabilities. System audio is centered around Biamp's award-winning Tesira® digital signal processor (DSP), which provides pristine audio quality and the flexibility of audio video bridging (AVB/TSN) technology.

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For students, Tesira provides perfect audio comprehension for webcasting and playbacks, and has had an immediate impact on the quality of their learning experience.

ARTHUR G. MARTINS
Learning and event technology specialist
Boston University School of Law

SOLUTION

To realize Boston University's vision, system integrator HB Communications installed a building-wide AV solution with audio capabilities provided by Biamp's Tesira platform. Featuring both SpeechSense™ and AmbientSense™ technology, Tesira enhances speech processing by accurately distinguishing between human speech and ambient room noise; it also provides extensive audio processing, including signal routing and mixing, equalization, filtering, dynamics, and delay. Tesira also offers highly flexible and scalable networking capabilities by utilizing AVB/TSN.
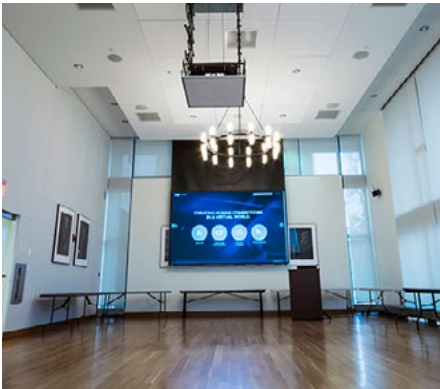
"When we were awarded this project, one of the first things we recommended was an upgrade from the older DSP that was originally specified to Biamp's Tesira," said Michael Dodge, senior systems design engineer at HB Communications. "For an AV system of this magnitude, we wanted to utilize the latest and most advanced technology. We've worked with Biamp for years and knew that Tesira would deliver impeccable audio quality."

CONCLUSION

Using Tesira's AVB/TSN backbone, HB Communications designed and installed a system that provided the scalability the project required to address the university's needs, while saving money and ensuring system flexibility for future expansion.

"For faculty, [the system] has proven to be extremely reliable and simple to use, making it easy for them to teach in real-world settings as well as the classroom," said Arthur G. Martins, learning and event technology specialist for Boston University School of Law. "For students, Tesira provides perfect audio comprehension for webcasting and playbacks, and has had an immediate impact on the quality of their learning experience."

ABOUT BIAMP

Biamp is a leading provider of innovative, networked media systems that power the world's most sophisticated audiovideo installations.

Recognized worldwide for delivering high-quality products and backing each one with a commitment to exceptional customer service, Biamp's mission is connecting people through extraordinary audiovisual experiences.

Founded in 1976, Biamp is headquartered in Beaverton, Oregon, with offices and manufacturing facilities located around the world.

CONTACT US

✉ **biampinfo@biamp.com**

📞 **800.826.1457**

🌐 **www.biamp.com**

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