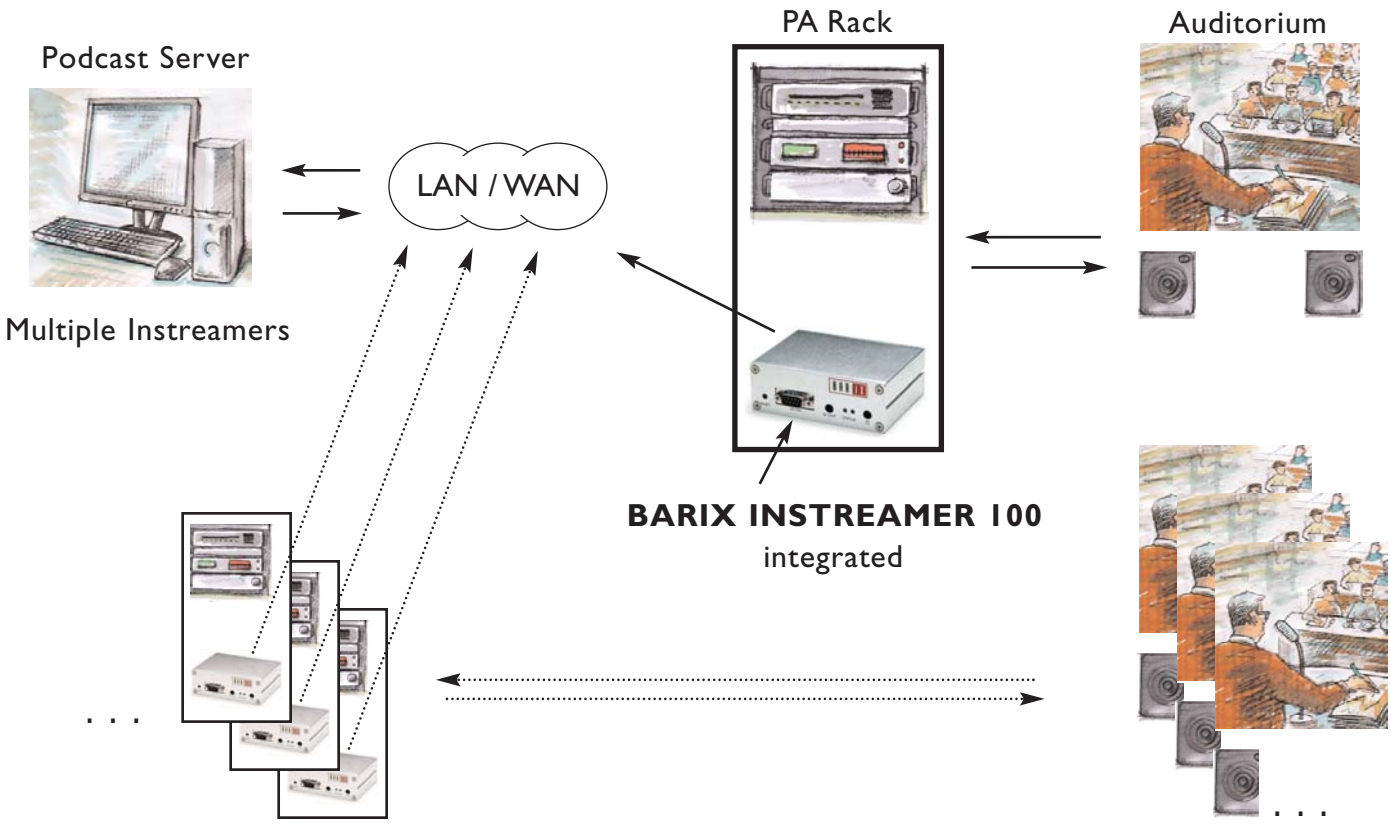
Automated Podcasting of Lectures



Automating the capture, upload and delivery of MP3 audio recordings makes digital lecture recording easy for the University of Washington.

The University of Washington has integrated a podcast server that automatically captures data from networked Barix Instreamers, which are integrated into the classroom's PA system. The audio capture routine stops at the end of class and the resulting MP3 file is scripted for publishing to a corresponding class blog, where it is made available to students via an RSS feed.

The Barix Instreamer is used as a capture and encoding device that provides reliable distribution of audio over a standard IP network. The Instreamer converts analog and digital audio into MP3 files, which are then transmitted to a streaming server. The Barix Instreamer eliminates the need to dedicate a computer solely to streaming.

As shown in this application for automated podcasting, the Instreamer is connected to the audio output on the PA rack. The Instreamer sends an MP3 audio stream via TCP to the podcasting server, which according to a defined schedule records the stream to a file.

One Instreamer is required for each classroom, and one podcasting server can handle over 50 Instreamers, making this solution ideal for large institutions, such as the University of Washington.

For further information, a detailed technical specification or information about other versions and products please visit **www. barix. com**

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