



In the classroom, the lecture hall, laboratory, or dormitory – video works.

Colleges and universities, and public school systems are quickly recognizing the need to enhance traditional classroom learning with many types of media, and provide organization and context to that media. However, unlike text and even audio, the use of video in the classroom presents unique challenges. For example, video consumes large amounts of bandwidth. For college campuses, and school districts large and small, managing Internet bandwidth is critical at a time when students and faculty demand more and more of this limited resource. The Starbak system intelligently routes video traffic over the existing network, avoiding bottlenecks and ensuring a high quality viewing experience.

Further, as the use of rich media is expanded in the classroom, educators require tools for organizing that media, so that the right media can be introduced at the right time in the lesson to provide context and accelerate learning. With the Starbak rich media portal, teachers can create customized playlists of the video programs they want, ready when they need them.

For many Starbak customers in higher education, recording classroom lectures and providing them to students on-demand to enhance their studies is fast-becoming the “killer app”. With Starbak, professors can easily schedule their own recordings to start and stop at the appropriate times,

and automatically publish the lectures to the portal, restricting access to only those students enrolled in the class—all accomplished without any help from an IT organization that is often already stretched thin.

For public school systems struggling to meet the rising demands of standardized testing and federal guidelines, ensuring that each student is afforded the same quality of education as their peers in neighboring schools is a constant challenge. More and more, video is being used to bridge the gaps of time and place, allowing an outstanding faculty member in one school to bring their unique expertise to the classroom of another.

Here is just a sample of video applications that Starbak customers in education have discovered.

#### HIGHER EDUCATION

- Record live lectures and provide to students on-demand to enhance studying, or to ensure that students with excused absences are able to keep pace with the class
- Stream lectures live to students online, allowing distance learning to accommodate disadvantaged or working students
- Record academic seminars and conferences to promote the school and faculty to national and international audiences
- Implement campus-wide digital signage to broadcast news, information, events

and emergency notifications to plasma screens located in hallways, student centers, cafeterias and sports complexes

- Record and stream oral exams, practicals and labs to allow instructors to review and grade performance remotely, allowing more detailed performance review while making efficient use of the faculty’s time
- Provide live and on-demand broadcasts of graduation ceremonies and sporting events for access by relatives and alumni

#### K-12

- Allow teachers to add video programs to customized lessons to enhance learning and understanding
- Provide continuing education for administrators and teachers to ensure professional growth while reducing time out of the classroom
- Share recorded classroom lessons, guest speakers and other special events between schools
- Provide live or on-demand streaming of classes to accommodate students with excused absences due to disciplinary or medical leaves



> Sometimes, it makes sense for colleges and universities, and public school systems, to create their own videos to enhance classroom learning. Other times, it makes sense to draw from the universe of video programs created by professionals specifically for the purpose of helping students to learn.

Starbak makes it easy for educational institutions to purchase and download professionally produced videos online, directly through their Starbak video portal. Once downloaded, the videos are easily distributed through the Starbak system over the local network, to anyone in the organization, with an exceptional viewing experience.

**Here is just a sample of the wide array of topics of educational videos produced by award-winning publishers, and available for license directly from Starbak:**

- ADHD
- Asian Studies
- Assessment & Evaluation
- At-Risk Youth
- Bullying Prevention
- Business Education
- Child Development
- Classroom Management
- Computers & Technology
- Disabilities
- Discipline
- Diverse Learners
- English & American Literature
- Health Education
- Intelligent Classroom Design
- Issues in Education
- Language Development
- Making Schools Work
- Media Literacy
- Motivation
- No Child Left Behind
- Overcoming Failure
- Psychology
- Religion
- School Crime
- Teaching Methodology
- The Human Mind
- The Psychology of Learning
- The Study of Memory
- Women's Studies

For more information on Starbak video sales, contact your Starbak sales representative, or email us at [info@starbak.com](mailto:info@starbak.com)



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