

Video paging  
Closed circuit broadcasting  
Instructional technology  
Digital media management  
Video on demand  
Information delivery  
Curriculum management  
Program distribution  
Asset management



*SmartSystem: Seeing is believing.*

# Engage and inspire like never before...

“Kids these days remember visual media. They remember a cool video...something that has zip to it. They're pickier because the things they see on television are spectacular and brilliant, and they bring those expectations to the classroom.”

*Warren Lake,  
Canmore Collegiate High School, AB*

“We see ourselves as very much a part of the global community of students. The only way you can compete on a global level is to give your students complete access to a world of information.”

*Mark Dartt,  
School Superintendent, Hobart, IN*



Dublin Scioto High School

“There's really no learning resource that we can't bring to our students, and that makes for the best possible learning environment.”

*Pat Thacker,  
Dublin Scioto High School, Dublin, OH*

**It's no secret** that to be meaningful, the classroom experience needs to be as dynamic and stimulating as the world it occupies. But we live in a very different world today than just a few years ago. Outside the classroom students have ready access to technology that delivers what they want, when they want it. They are accustomed to instant information and the immediacy of digital retrieval. As a result, they are quick to discard information they don't find stimulating, and equally quick to lose focus when the pace of instruction is broken or interrupted.

Classrooms in today's digital age need to engage and inspire like never before. They have to keep pace with the world beyond their walls. Teaching resources need to be learner-centered, accessible, and above all, fully integrated into the learning experience. Videotapes and A/V carts just don't make the grade anymore. And this is a problem many educators and students still struggle with every day.

But what if all the video and teaching aids for an entire school – or an entire school district – could be stored in one central location? What if, with the touch of a button, educators could instantly retrieve the precise high quality video clip or image needed to reinforce that crucial teaching point? What if all these resources – the entire audio/video library – were correlated to the standard curriculum? Now that would be something. And it is...

**SmartSystem**, a Dukane innovation, is highly reliable and proven digital technology combined with content geared for 21<sup>st</sup> century schools and school districts. It is a revolutionary package that not only enriches the learning experience, but also empowers educators to drive their point home – effectively and with the precision that only on-demand information retrieval can deliver. Best of all, **SmartSystem** supports third-party content meticulously correlated to curriculum standards by the nation's leading developers of interactive media, so there is never any question that educators have the best and most suitable instructional aids at their fingertips at all times.

*SmartSystem's* menu-driven interface quickly guides users through scheduling and bookmarking procedures so class time is spent teaching, not hunting for clips and images.



## Discard the limits of outmoded delivery methods...

With *SmartSystem*, lost and damaged videotapes are a thing of the past. Lesson plans are no longer put in jeopardy by overbooked and overdue materials. All resources are available in all classrooms all the time – whether there is a need to supplement a core element of the curriculum, or simply display a single image for review or demonstration purposes.

*SmartSystem* gives teachers instant access to a vast collection of resources via handheld remote, a standard mouse, a web browser, or even a telephone keypad. Its searchable database of all available media titles makes *SmartSystem* a valuable lesson preparation tool, while its easy-to-use menu-driven interface quickly guides users through scheduling and bookmarking procedures so class time is spent teaching, not hunting for clips and images.

## Add dimension to teaching, bring depth to learning...

Curriculum management and materials control is just one facet of this remarkable system. *SmartSystem* also offers endless opportunities for creative teaching, active learning, and effective communication that extend far beyond conventional video retrieval. Output from a simple webcam displaying on a classroom monitor allows all students get a front row seat for experiments and demonstrations. Real-time data retrieved from the internet adds relevance and currency to instruction. Live video-conferencing provides first-hand experience with different cultures and distant locations. Hallway and classroom monitors act as video bulletin boards that broadcast messages, or synchronized class-change signals, or even live video feeds from down the hall, across the school district or around the world.

There are quite literally no limits to what *SmartSystem* can bring to your schools. Use real-time video paging to post bulletins, relay safety and security messages, or display weather reports – by classroom, by preconfigured zone, or by school. Take students on virtual field trips to destinations that have a direct relationship to the material being taught in class. Broadcast events of national interest or student generated video productions including newscasts, intramural or interschool sports events. *SmartSystem* brings the world to your classrooms, making them exciting, engaging, and stimulating venues to teach and learn.

“I love it. It encourages the students so they participate more in the discussion. I get responses from kids who don’t usually participate at all.”

*Ritchie Luker, Loogootee Community School, Loogootee, IN*



Dighton Middle School

“We want more of everything that *SmartSystem* can provide. We need to keep teaching our teachers how to maximize the impact of technology.”

*Brian Callaghan, Superintendent of Schools, Canmore, AB*

“Video is really their medium. It captures their interest. All of a sudden, it’s real to them. We can teach them *more than just the facts*. We can teach them the application of those facts. In science, that’s especially useful because there’s so many things that happen in science that you cannot see.”

*Dolores Jantzen, Canmore Collegiate High School, AB*

“The stream of attention is maintained because you don’t have the breaks to go from one media to another. If we didn’t have *SmartSystem*, we’d be fiddling with equipment. This way, we’re more focused and there’s no breakdown of student’s attention.”

*Gloria Auer, Canmore Collegiate High School, AB*

SmartSystem™

**DUKANE**  
COMMUNICATION SYSTEMS



## *Transform the there-and-then into the here-and-now...*

Digital media delivery is not an end unto itself. Nor is it a technology of the future. It is the means of providing students and educators with the tools they need to keep pace with the world around them. Today that world is shaped by the very technology that has become the most powerful tool educators have ever had at their disposal, and *SmartSystem* is the portal through which it is already delivered to countless classrooms across America.

Find out how *SmartSystem* can help you meet the expectations of classrooms in today's world. Contact your Dukane representative for details on the package that's right for your school or school district.

### **A picture says a thousand words:**

According to classic research conducted in the early years of educational media delivery, learners tend to remember...

10% of what they read

20% of what they hear

30% of what they see

50% of what they hear and see

Winman & Mierhenry  
*Educational Media*, 1969

## *SmartSystem: Seeing is believing.*



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