

# OSS

On Scene Systems

## Case Study

Health Services & Homeland Security



### **California Department of Health Services Trains 36 Counties Using Live Video Internet Streaming Technology for the Division of Drinking Water and Environmental Management**

*“Our mission is to use On Scene Systems’ technology for the day-to-day business events as well as for emergency response by front line water system professionals throughout the State of California in the event of a natural disaster or other emergency. It’s the old adage, “Train as you Fight, Fight as you Train.”*

*Paul Collins, IT Manager  
DHS - Drinking Water and Environmental Management*

#### **About the Department of Health Services**

Department of Health Services is responsible for the Drinking Water Program for the State of California. It initiates proactive mitigation activities, trains first responders, and manages the quality of the drinking water for the State of California. They have regulatory oversight of approximately 7, 500 public water systems.

#### **The Department of Health Services Challenge**

Due to cost constraints, the Department of Health Services no longer could afford to bring the water program professionals in 36 of the 58 counties across the State of California to a facility for on-site training. The biggest challenge was finding a method to train the water program professionals/engineers across the State in a timely manner and provide access to this training material after the training.

The goal was to find a training method that would reach the total population of water program professionals/engineers across the State of California without having them leave their individual offices. Additionally, they wanted to establish an On-Demand Library to allow training to occur at the convenience of the learners. They needed a flexible solution that would allow access to training modules for refreshers on a particular topic or to get up-to-date information to their professionals/engineers. In other words, they needed to find a solution that would provide training information that would be accessible 24 hours a day.

#### **The On Scene Systems’ Solution**

On Scene Systems stepped in with a portable multimedia broadcast and streaming media system - The Producer Mark II to solve the training requirements of the Department of Health Services. Producer Mark II is a self-contained, portable full-featured broadcast studio for audio-video production, streaming, closed captioning, multi-language communications and non-linear editing.

Producer Mark II is a turnkey solution that includes multi-camera switching for 4 IEEE 1394 Firewire inputs, 4 S-Video, 4 Component and 4 Composite, real-time digital video effects, titling, graphics and keying. It comes complete with 2 triple 5.6", full color, active-matrix, LCD monitor panels, a 19" TFT LCD PC Monitor, 12 channel audio mixer, video tape system, hyper-threading, Intel® Pentium PC with Sony® DVD burner, power conditioner, contained in a two piece Roto-molded case with locking casters.

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## ***The Benefits of the On Scene Systems' Solution***

### **Provides Up-to-Date Information Quickly and Consistently**

On Scene Systems' solution provides the Department of Health Services with the ability to quickly disseminate information to the 36 Local Primary Agency counties across California via live web streaming. At any given time, the Department of Health Services can easily provide up-to-date information to its estimated 60,000 professional stakeholders over the Internet, providing the knowledge they need at their fingertips.

### **Generates Cost Savings in the Thousands of Dollars**

Due to budget constraints, the Department of Health Services needed a cost-effective method to disseminate training to all the water program professionals in the counties across the State of California. Using the On Scene Systems Producer Mark II, they can now offer live web streaming as a training method. Water program professionals can now view live training sessions over the Internet without ever leaving their desk. They will be able to train across the State of California without assuming the high cost of travel expenses and reach people who previously could not attend the training sessions.

### **Broadens Training Reach and Establishes On-Demand Library**

Offering the ability to take a live training class at your desk has increased the Department of Health Services' training outreach and at the same time has provided the flexibility to provide on-demand learning. The On Scene Systems' solution also provides the ability to take a training class on-demand—when it is convenient, at your own pace and at your PC. If you want to take a refresher on a particular topic, you need only to check the On-Demand Library for up-to-date information.

### **Communication Vehicle for Emergencies and Disasters**

On Scene Systems' portable multimedia broadcast and streaming media system will also be used as the communication vehicle for emergency and disaster front line providers of drinking water services throughout the State of California. The biggest challenge is providing communication to areas affected by a disaster—fire, flood, earthquake, etc. On Scene Systems' multimedia broadcast and streaming media system, will be able to maintain communication with both internal and external service providers and key emergency personnel to help ensure precise and rapid response.

Additionally, because of the portability of Producer Mark II, the Department of Health Services has the ability to easily transport this turnkey broadcast studio to any county across the State of California as needed to communicate quickly with water safety personnel to help facilitate the management and control of the effects of an emergency or disaster.

For more information contact:

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## ***On Scene Systems***

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