

PRODUCTION | AV SYSTEMS | EDUCATION | LAW ENFORCEMENT

FOR AV PROFESSIONALS IN THE PUBLIC SERVICE

NewBay
Media

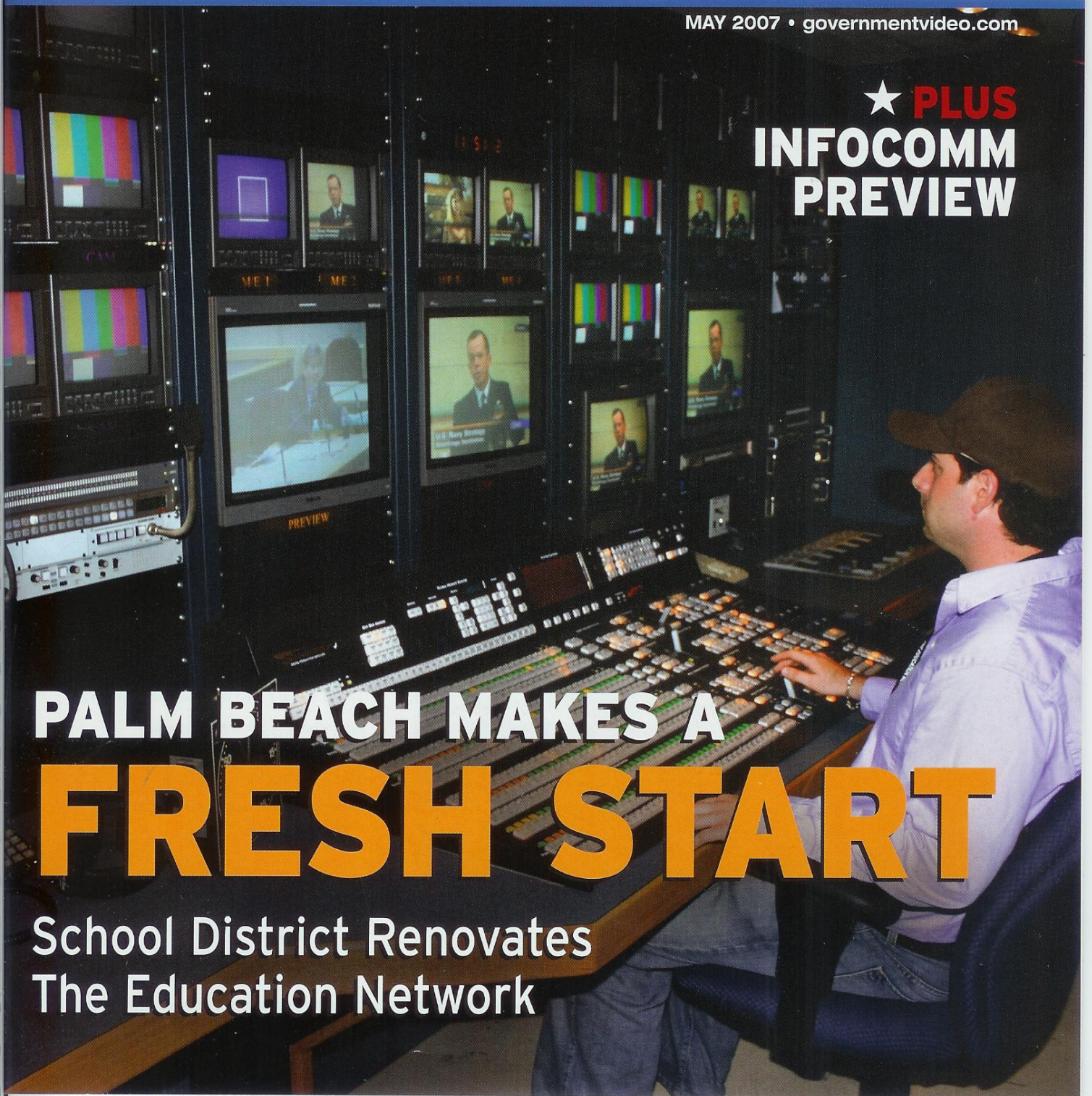
Government★Video

MAY 2007 • governmentvideo.com

★ **PLUS**
INFOCOMM
PREVIEW

PALM BEACH MAKES A **FRESH START**

School District Renovates
The Education Network



Red Onion State Prison improves inmate video education system

BY JAMES CARELESS

A new network-based distribution system is improving access to educational materials for inmates of Red Onion State Prison in Pound, VA.

Installed and integrated by York Telecom, AVX-Change, and Realm Control, the new Canopus MediaEdge2 system accesses pre-recorded MPEG-1, MPEG-2, and MPEG-4 course material on Red Onion's media server, which is running MediaEdge-SVS2 video-casting software. It then distributes the video on Red Onion's CATV system to TVs within the prison.

The new system is a quantum leap over Red Onion's original videotape system. Managed by the state's Department of Correctional Education, the courses were recorded on VHS tapes, which were played back on Red Onion's two-channel CCTV system.

In contrast, the Canopus MediaEdge2 system and its three ME-STB2 decoders allow prison officials to ingest, store, and then playout digital video to the prison's CCTV channels as required.

Currently, two of the ME-STB2 decoders are used to playout the courses to the CCTV system. The third is connected to a DVD recorder, which creates automated content backups for those instances where live teachers are unavailable due to scheduled days off and unplanned absences.



Red Onion's new server-based system provides several advantages over its previous VHS-based system.

Red Onion's CCTV system also hosts a bulletin board service that posts class schedules and announcements. Prison officials digitize VHS content onto the MediaEdge2 server using a single MVRD4000 encoder card that sits between a VCR and the server. The CG content is also passed through this path, allowing the bulletin board content to be digitized when the VCR isn't running.

Thanks to a custom application created by Realm Control, DCE staff can easily update the bulletin board screens from their desktops. The system uses an AMX NetLinx NI-2000 NetLinx integrated controller with Phoenix32 scheduling and automation software from Realm Control.

"What is even more remarkable about the system is the fact that through this technology, we have had a GED passing rate of 92 percent," said Mark Hutchinson, DCE regional principal at Red Onion. "Our students lose very little despite their inability to be in a classroom environment." ★

MORE INFO

AMX
amx.com

AVX-CHANGE
avxchange.com

CANOPUS
canopus.com

REALM CONTROL
solutionz.com

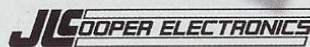
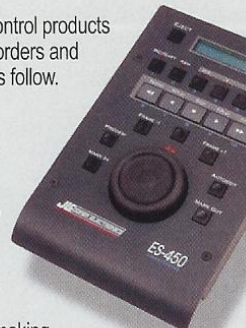
YORK TELECOM
yorktel.com

PROFESSIONAL VIDEO CONTROL AND INTERFACING PRODUCTS

JLCooper Electronics is serious about control. With the largest line of control products for computer-based editing systems, VTRs, video servers, disk recorders and custom applications, our products set high standards that others follow.

Our record speaks for itself with over 25 years of award winning products. Thousands of leading companies in television and radio broadcast, news, sports, audio/video post, medical imaging, aerospace, scientific research, sound reinforcement, security and other specialized industries rely on JLCooper's innovative products every day.

Contact us today to find out how serious we are about making your job easier. Customized and OEM products are also available for your specific applications. Developer Program - SDK's, Tools, Support, More...



WWW.JLCOOPER.COM