



South Western Communications, Inc.

Detention Electronics Group

Systems Integration Service Bulletin October 2011

Several electronic systems working together to make user interfaces friendly and minimize operator steps is referred to as system integration. Independent systems that are commonly integrated by SWC include Door Control, Camera (CCTV), Intercom, Duress, and Access Control. Each of these is an independent system, with separate parts and programming capability.

By means of system integration, SWC provides a control station with a computer or graphic control panel that may make multiple operations happen by selecting a single switch or icon. For example, by selecting one intercom, the intercom is turned on and a camera is called to the video monitor. The operator may see who they are speaking with before deciding whether to open a door. Often, a view of both sides of the door is automatically displayed.

The control station has capabilities that the individual system may not include. The operator may override a door control when one door in an interlocked group is open, but the card reader will not open the same door because it has no override capability.

As the electronics evolve, particularly computers, capabilities have expanded. Larger flat monitors and computer upgrades allow display of the camera video on a section of the same display screen as the facility map with the door and intercom controls.

Possibilities for further integration are bound only by design ideas and budgets.

Prior bulletins on various subjects may be reviewed at <http://www.swcdec.com/Bulletins.htm>

Contact us for your service needs at service2@swc.net or visit us at www.swcdec.com

1608 CHURCH STREET SE * DECATUR, AL 35601

(256)351-2445 * FAX (256)351-1648

CORPORATE HEADQUARTERS – EVANSVILLE, IN

MAJOR BRANCH LOCATIONS – DECATUR, AL * EVANSVILLE, IN * INDIANAPOLIS, IN * NASHVILLE, TN