

icas™

Intelligent Correctional Automation System



**Digital
Technology**
*that is Secure, Easy to
Use, and Cost Effective*

duostech
connected intelligence

icas™ Intelligent Correctional Automation System

Overview

duostech Intelligent Correctional Automation System (**icas™**) utilizes server based technology to significantly reduce the cost of the legacy technology. This intelligent solution provides superior monitoring and control of facility systems in a single, intuitive user interface.

This solution shifts the logic from PLC to server base with digital I/O thus eliminating the need for expensive PLC equipment. It provides an environment in which redundancy is significantly less complicated and less costly to achieve.

Replaces
yesterday's technology
with **tomorrow's**
digital world

How it Works

01 Reuse Existing Infrastructure

- Hardware
- Wiring
- Inexpensive and easy path to add or replace control stations within the system
- Provides installation possibilities in congested spaces

02 System Integrations

- Video Management
- Physical Access Controls
- Digital Intercom
- Fire Alarm
- CBNRE
- Duress, Panic & Man-Down
- VOIP / SIP / IP Telephone & Radio

03 Video Management

- Open IP-based Architecture with Digital I/O
- Single browser based UI
- Autocheck monitors the status of all connected devices in real-time
- Manages all monitoring alarm activity and centralized control commands

04 centraco®

- User friendly Interface
- Simple configuration & device association
- Intuitive con-ops minimizes operator training time
- Quick and easy troubleshooting.
- Efficient, modular replacement in case of failure

System Benefits



Reduced Cost



Complete Digital Solution



Ability to Retrofit with Existing Systems



Manage all Alarm Activity & Central Commands



Parallel System Installation / Built in Triple Redundancy



Easy Integration with 3rd Party API Systems



security with efficiency

Contact Us | All products, systems & solutions are backed by duostech 24 x 7 x 365 global training, maintenance & service program



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