

EWCS

Electronic Weapon Control System

with EWCS software

Features: -

- Storage of any firearm with dimensions provided
- Inventory, status and event transaction of each weapon recorded and retrievable
- Motorized sliding locks provide intelligent control and security of firearms storage
- Online, Offline and Emergency Mode enables access to weapons under all circumstances
- Weapon sensor detects weapons unique identification with customized information stored onto ID tag
- 1350mm x 375mm x 815mm (H x W x L)
- Interfaced to control PC over TCP/IP

Specifications

Model Number	EW-3451-C
Standards	IEEE 802.3
Ports	RJ-45 for EWCS Controller, Control PC
LED Indicators	Power status/Online/Fail mode
OS Support	Windows 98SE/Me/2000/XP
Network Protocols	TCP/IP for biometrics reader
Material	Powder coated 1.5mm Mild Steel

Environmental

Dimensions (H x W x L)	1350 mm (H) x 375 mm (W) x 815mm (L) (53" x 15" x 32")
Unit Weight	2116 oz.(60 kg)
Power Input	External, 220-240v AC, 50Hz
Operating Temp.	32°F to 104°F (0°C to 40° C)
Storage Temp.	-4°F to 158°F (-20° C to 70° C)
Operating Humidity	10% to 85%, Non- Condensing
Storage Humidity	5% to 90%,Non - Condensing
Space per rack	0.31 meter square

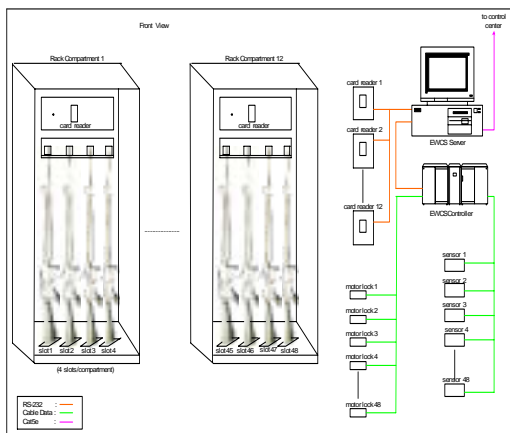


Figure 2 : Sample Schematic

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Minimum Requirements

- Space dimension for EWCS mounting
- UTP/CAT5e cabling from EWCS controller to control center
- EWCS Control Server
- Com port for
- 240v 50Hz supply and UPS backup

Package Contents

- Mild steel weapon rack
- Storage of 8 firearms per rack
- Setup CD-ROM and user guide
- EWCS Controller
- Motorized locks for each slot
- Additional systems integration requirements

Electronic Weapon Control System

Providing Intelligence and Safety
for Weapons Storage



Figure 1 : EWCS Rack (actual photo)

The EWCS provides a secure and intelligent control of any type of firearm including steyr rifles, M16's, machine guns and others. The storage rack can be customized to store any type of firearm as long as the weapon dimensions are provided. The EWCS registers each weapon, assigns a weapon to a unique slot, verifying the weapon's identification and releasing the weapon upon authentication. It is also capable of generating multiple reports such as weapons inventory status, missing weapon, late return of weapon and back tracking of when and where the weapons were removed or brought back to the EWCS to minimize human error and not compromise any unauthorized weapon extraction. Motorized sliding locks secure the firearm in each slot and a

sensor detects the presence of the firearm for verification. Firearms are released using a biometrics/card reader and are integrated to an in-house developed control software customized to the process flow requirements of obtaining a weapon. The system operates in online, offline and emergency modes to ensure access to the weapons under all circumstances. The EWCS software controls and monitors access to each firearm whereby each is assigned unique identifiers. The weapon sensors detect presence and reports events and transactions to the EWCS controller. Tampering with the EWCS generates alarms to the control center. The software also features database reporting of firearm usage by identification, timestamping, motorized lock status and biometrics/card reader operation.

Customized to store any type firearm safely and intelligently

Registration and verification of each firearm identity

Includes EWCS controller and software

Database reporting of events and weapon transactions

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Electronic Weapon Control System
with EWCS software

Product Datasheet