

Northrop Grumman Notes:

Site	# of Readers	# of Boards	Dev # EMRI-3	IP Address
CODAT	5	3	9101, 9102, 9103	10.33.22.61 / .62 / .63
CDCZ #1	5	3	9211, 9212, 9213	10.33.22.61 / .62 / .63
CDCZ #2	5	3	9221, 9222, 9223	10.33.22.61 / .62 / .63
CDC #1	2	1	9311	10.33.22.61
CDC #2	2	1	9321	10.33.22.61
CDC #3	2	1	9331	10.33.22.61
CDC #4	2	1	9341	10.33.22.61
CDC #5	2	1	9351	10.33.22.61
CDC #6	2	1	9361	10.33.22.61

IP Address	Device
10.33.22.50	VMS (Video Management System) [Laptop]
10.33.22.51	Camera #1
10.33.22.52	Camera #2
10.33.22.53	Camera #3
10.33.22.54	Camera #4
10.33.22.55	Camera #5
10.33.22.56	Camera #6 (Outdoor Bullet Camera – CDCZ Sites Only)
10.33.22.60	CAS (Card Access System) [EMC Panel]
10.33.22.61	EMRI #1
10.33.22.62	EMRI #2
10.33.22.63	EMRI #3

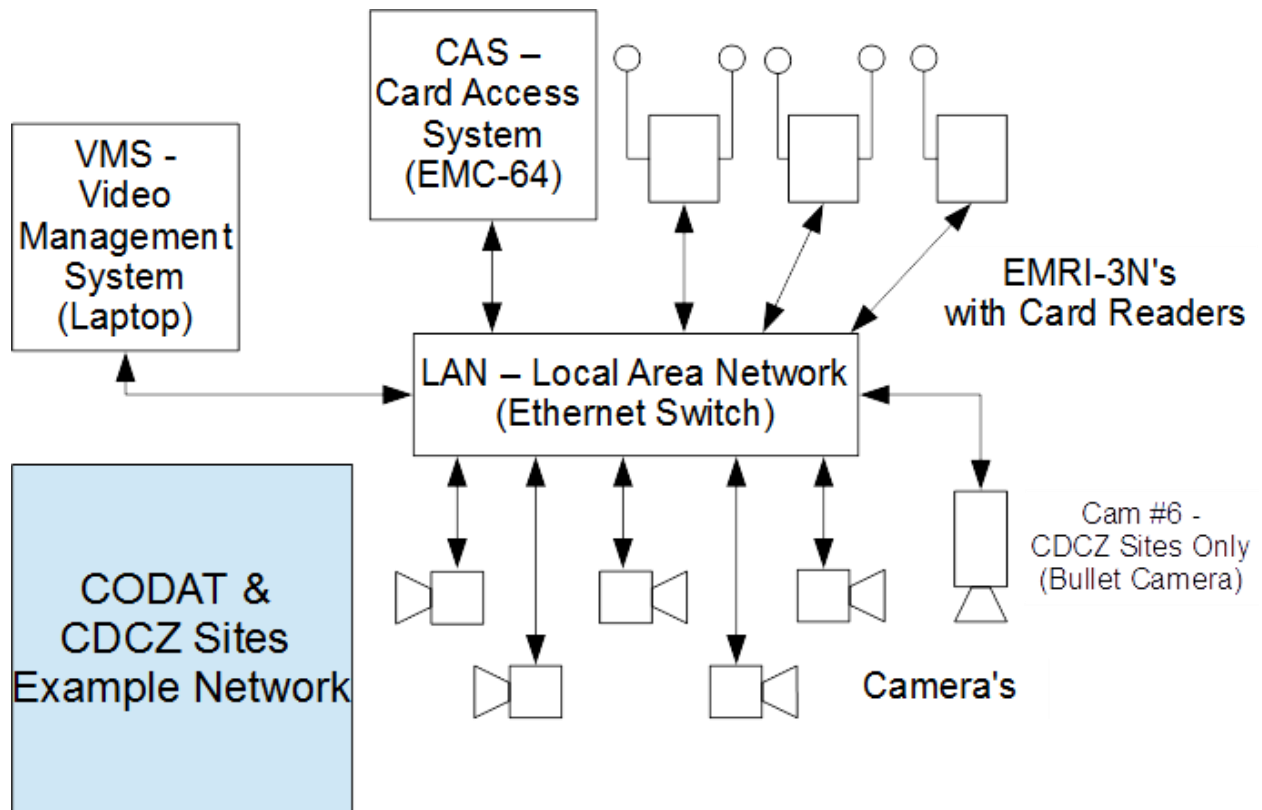
Site	Card Range
CODAT	11201 – 11250 (50 cards)
CDCZ #1	11251 – 11300 (50 cards)
CDCZ #2	11301 – 11350 (50 cards)
CDC #1	11351 – 11375 (25 cards)
CDC #2	11376 – 11400 (25 cards)
CDC #3	11401 – 11425 (25 cards)
CDC #4	11426 – 11450 (25 cards)
CDC #5	11451 – 11475 (25 cards)
CDC #6	11476 – 11500 (25 cards)
SPARE	11501 – 11600 (100 cards)

Laptops: Password removed, previous pass was BASH3 (A is Q on French keyboards)

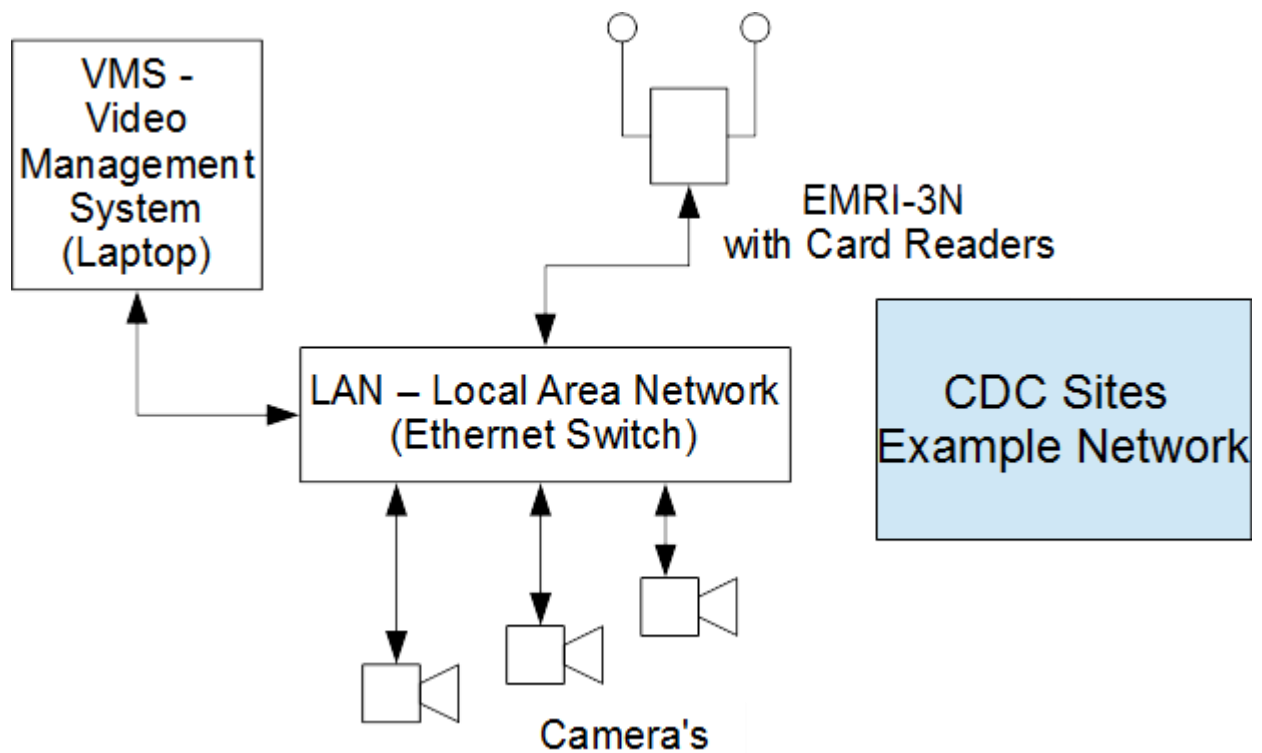
Camera Pass: P@ssword

Video: Admin

CDCZ & CODAT Site Basic Setup Example



CDC Site Basic Setup Example



Installation Notes:

- Install an electrical outlet inside the enclosure (pic)
- Video Laptop need to have no password, as it needs to auto boot and run the video software
- Jumpers at J1 & J2 (Reader Voltage) should always be to the right.
- Top of the board is considered Power & Communications.
- Remind and over emphasize the use of diodes with locking mechanisms.
- Remind to open Dome Camera domes to remove descant tie wrapped to frame.
- Remind to manually check time on laptops & sync cameras to laptop time via web interface (IE); type in IP Address & login with P@ssword.
- Fully charge batteries before installation (Possibly unnecessary with 12v transformers).
- Include a list of user names, passwords, and where to use them.
- Make sure boards are put on the correct poller (possibly done by us already).
- Explain use of .xml file download and icons on laptops.
- CDCZ and CODAT sites Board #3 right-side reader will not work, not configured.

Smart VMS Setup Notes:

User: admin

Password: admin

Quick Setup

- Output IP Address = 10.33.22.50
- Add user: em with password: ems8524 type is Web Client
- Finish

Adding Camera Channel

- Channel Name = EM-_____ ←Depends on Site (GO#, Site #, Camera #)
 - For example, CDC #2 Camera #1 is EM-0321
- Channel Description = (Site & Camera #)
 - For example, CDCZ-2 Camera #1, etc.
- Video source is HikVision IP Device w/ RTSP Support
- IP Address should be set to match the Camera
- User = em & Password = Ems#8524
- Stream 1 should be set as Sub Stream; Stream 2 should be set as Main Stream
- Recording Stream = Stream 2 (Main Stream)
- Video viewing stream should be set as Stream 1
- Continuous Recording should be on

- Record at Full FPS on alarm or motion should be checked
- All other setting should be left at default
- Hit Save

User Interface Settings

- Go to display settings
- Hit the edit button
- Enable video window viewing
- Hit Save

Motion Detection (On Camera Viewing)

- Go to Video Devices
- Select Camera Channel
- Find checkbox 'Motion from Application'
- Hit Save

Turning off Motion Alarms from Smart VMS

- Go to Alarm Management
- Motion Detection (#5)
- Edit to Category: Log, and uncheck all checkboxes
- Hit Save

Ensuring Communication

- Go to Communication Tab
- Set IP address for incoming & outgoing to be 10.33.22.50 (This should be your laptop's IP Address)

To Configure a Camera

- Type the IP Address of the Camera into Internet Explorer
- User = admin & Password = P@ssword
- On any tab where something is changed, you must save otherwise the changes are lost
- Select the Advanced Configuration Tab on the left
- Go to the System tab
 - Set the camera name according to Site Name-Camera # (CDC-2 would be CDC-2 #2)
 - Set the correct time zone & then set the correct time or Sync the camera time to the laptop
 - Make sure DST is not enabled

- Go to the Network tab
 - IPV4 should be set according to camera # (Camera #2 would be 10.33.22.52)
 - Default Gateway should be 0.0.0.0
- Go to Video/Audio tab
 - Main Stream & Sub Stream
 - Video Quality = Higher
 - Frame Rate = 15
 - I Frame interval = 30
 - All other setting should be left as default
 - Sub Stream only
 - Resolution should be 352 * 240
- Go to the Image tab
 - Select the OSD Settings
 - Type in Camera Name according to Site Name and Camera # (CDC-2 would be CDC-2 #2)
 - Display Date should be set to off
- Go to the Security tab
 - Under User Accounts create an account with User = em & Password = Ems#8524
 - Account type should be user
 - Check the box labeled Remote: Log Search/Int etc.
- Return to the System tab and under System Maintenance, Reboot the camera