



Kibernetska varnost videonadzornih sistemov

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mag. Marko Potokar, predsednik sveta
IVK Inštitut za varnostno kulturo

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Osnovno vprašanje:

»Ali VN povečuje stopnjo varnosti v okolju v katerega je umeščen?«



VNS - uporaba

- **Zunanji nadzor kompleksov (skladišča, tovarne, parkirišča...).**
- **Notranji nadzor dogajanja v objektih (pretok ljudi in blaga v podjetjih, trgovinah, hotelih...).**
- **Nadzor delovnih procesov.**
- **Nadzor dostopov v varovano območje.**
- **Preprečevanje in kasnejša analiza kriminalnih dejanj.**
- **Preprečevanje prevar in nepravilnosti (BA skimming, bencinski servisi, igralnice...).**
- ...
- **Varovanje ljudi in premoženja (ZVOP-1)!!!**



VNS - definicija

- **Ena ali več kamer, ki so s prenosnim medijem (kablom) povezane na en ali več monitorjev.**
- **Med seboj povezane različne naprave za zajemanje, prenos, obdelavo, arhiviranje in prikaz slikovne informacije.**
- **Funkcijsko povezana specialna tehnična sredstva, ki s sprejemanjem, prenašanjem, obdelavami, arhiviranjem in prikazi sprejetih slik omogočajo vizualno opazovanje in nadzor ter kasnejše analize dogajanja v varovanih prostorih.**



Kratka zgodovina VNS

- **Analogni sistemi (1. generacija)**
 - kamera povezana s terminalom (on-line nadzor),
 - snemanje na video kasete.
- **Digitalni sistemi (2. generacija):**
 - razvoj t.i. Inteligentnih VNS (inteligentna video analitika).
- **IP kamere (3. generacija):**
 - povezava v internet.
- **Napredni videonadzorni sistemi (4. generacija):**
 - povezani sistemi.



Napredni VNS

1. Digitalen.
2. Operabilen 24x7.
3. Posnetki se avtomatsko shranjujejo in zavarujejo.
4. Avtomatska obdelava posnetkov (iskanje, pregledovanje...).
5. Aktivno upravljanje sistema (skrbnik sistema).
6. Napredni algoritmi (ANPR, gibanje...).
7. Povezan z drugimi sistemi in bazami podatkov (pristopna kontrola, alarmni sistemi...).
8. ...



Hacking CCTV

Potrebni (ne nujno tudi zadostni) pogoji:

1. SAS.
2. IP.
3. LAN-WAN-WEB.
4. Informacijska varnost:
 - upravljanje s pooblastili,
 - uporabniki,
 - uporabniška imena in gesla...
5. ...



Primer 1

Ads by Google

Live Cameras

Live View

Security Camera

Fun Radio Live

360° Street View My House

Enter Any Place For Street
View Get Fast & Easy Street
View Maps



FEB 28, 2009

fun cameras with google ViewerFrame? Mode=Refresh

All you need to do is to copy and paste [inurl:"ViewerFrame?Mode="](#) into your Google search bar or just click on the link above will also do.

Click on any of the web pages and it will link you to live web cams. Play with it by adjusting the zoom or tilt the camera at the right. Have fun!

some untrusting person's employee. the lobby of a radio station in taiwan. a woman shaving a cat. sleeping mice inside of a research lab - who knows what you'll find with a quick search. as this becomes more well known, there is a good chance you'll find yourself wrestling another snooper for control of a camera



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Primer 2

WonderHowTo

Hugging the Web (Part 1: Introduction)

Posted By



Cameron Glass



2 months ago

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Greetings, hackers and friends! I know it has been a while since I posted a tutorial, and hopefully I can make up for that by posting a series.

At this point many of you may be asking, "What the heck does it mean to hug the web?" Don't be discouraged, as this is not a hacking term that you have been missing out on. Hugging the web simply means using search engines like Google to find vulnerable servers, documents containing sensitive information, and sometimes just day to day recourses like a recipe for tomato soup.





Primer 3

CHINESE SURVEILLANCE CAMERA SUPPLIER CONFIRMS HACKING LOOPHOLE

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