



ACTi
Connecting Vision

ACTi NVR3.0

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ACTi solution for every market segment

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Hardware

Software

Mission critical

KCM



Software NVR +
CMS



Professional
large scale

TCM/D/E-series



ENR Server or Free
bundled NVR



Professional
small scale

NVR 3.0 Selling Points



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1 minute installation

User friendly operation

Full functionality

1 minute installation



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Why it is taking so long?



Other software NVR

Vs

WOW!!!
5x faster



ACTi NVR 3.0

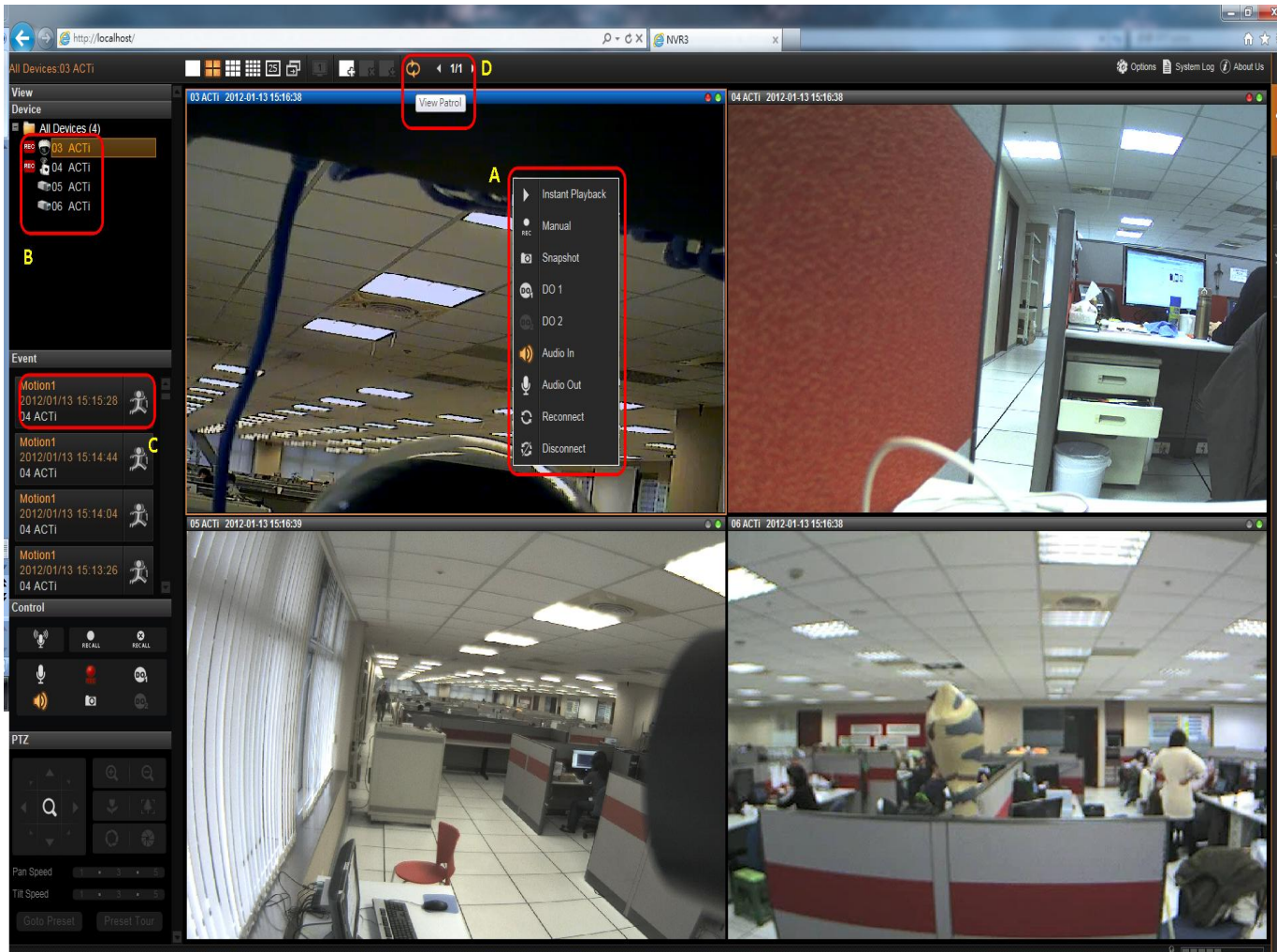
Compact size:
50MB only

“Just click”
configuration

User friendly operation



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Drag and drop

Display camera status

Event notification panel

Right click function key

Easy operation without user manual

Full Functionality



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Live View

Emap

Pop-up
Window

Event Speed up

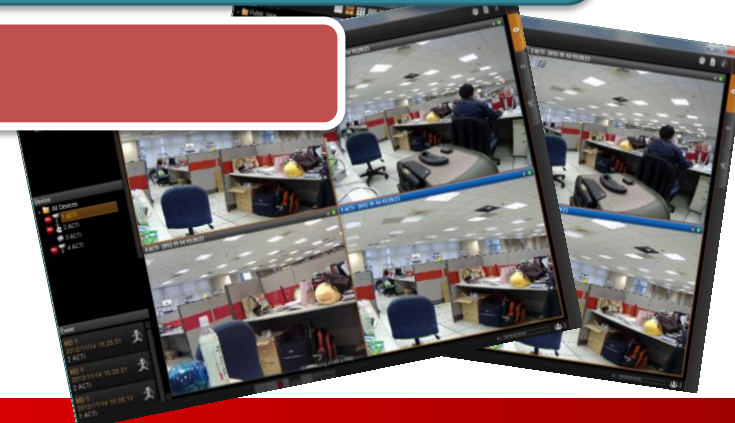
Play Back

Instant
Play Back

Seamless
Play Back

64Ch Synchronize
Playback

ePTZ

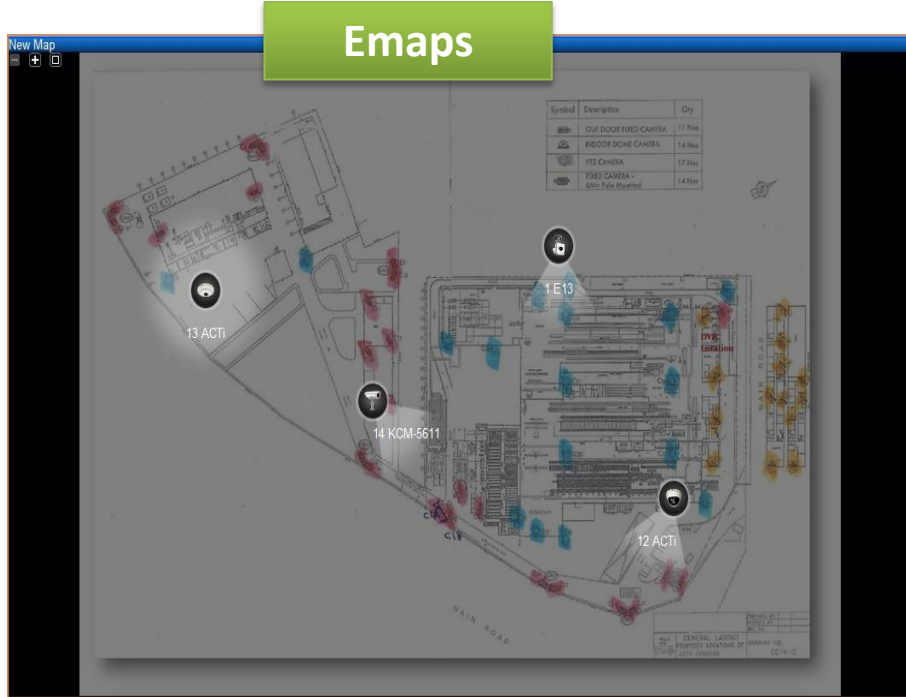


Application- live view

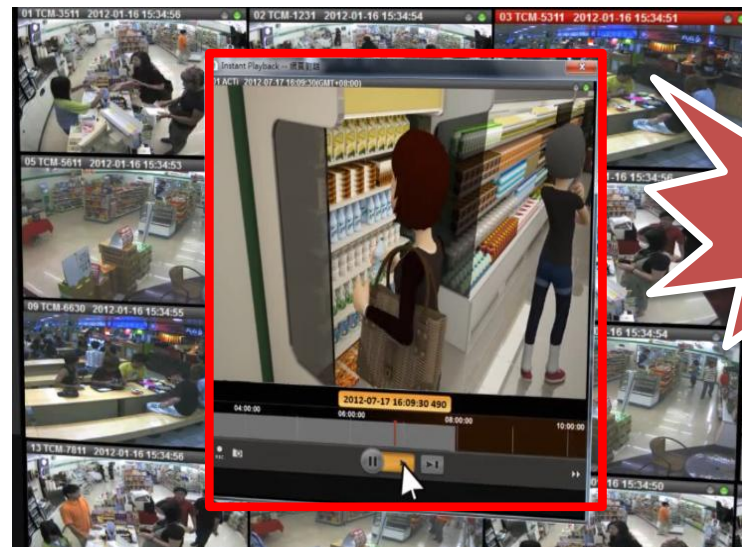


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Emaps



Pop-up window



Instant playback

1 FPS

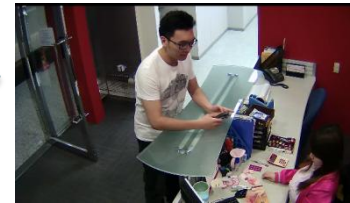
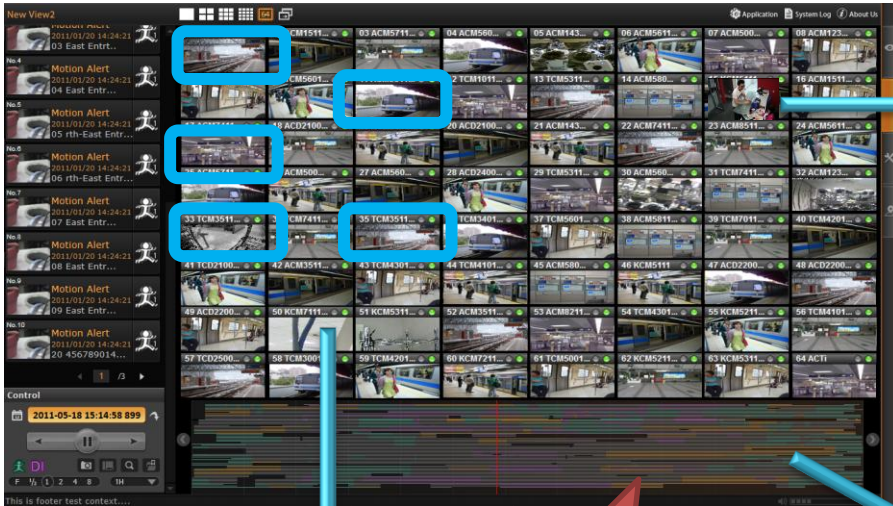


Full frame

Application- playback

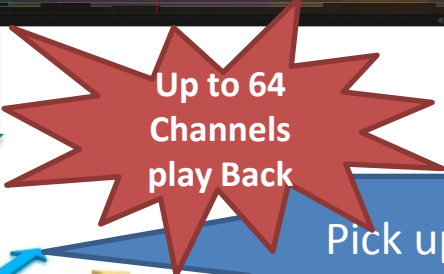


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Picture in Picture
Details in Details

Catching every
second from
recording files



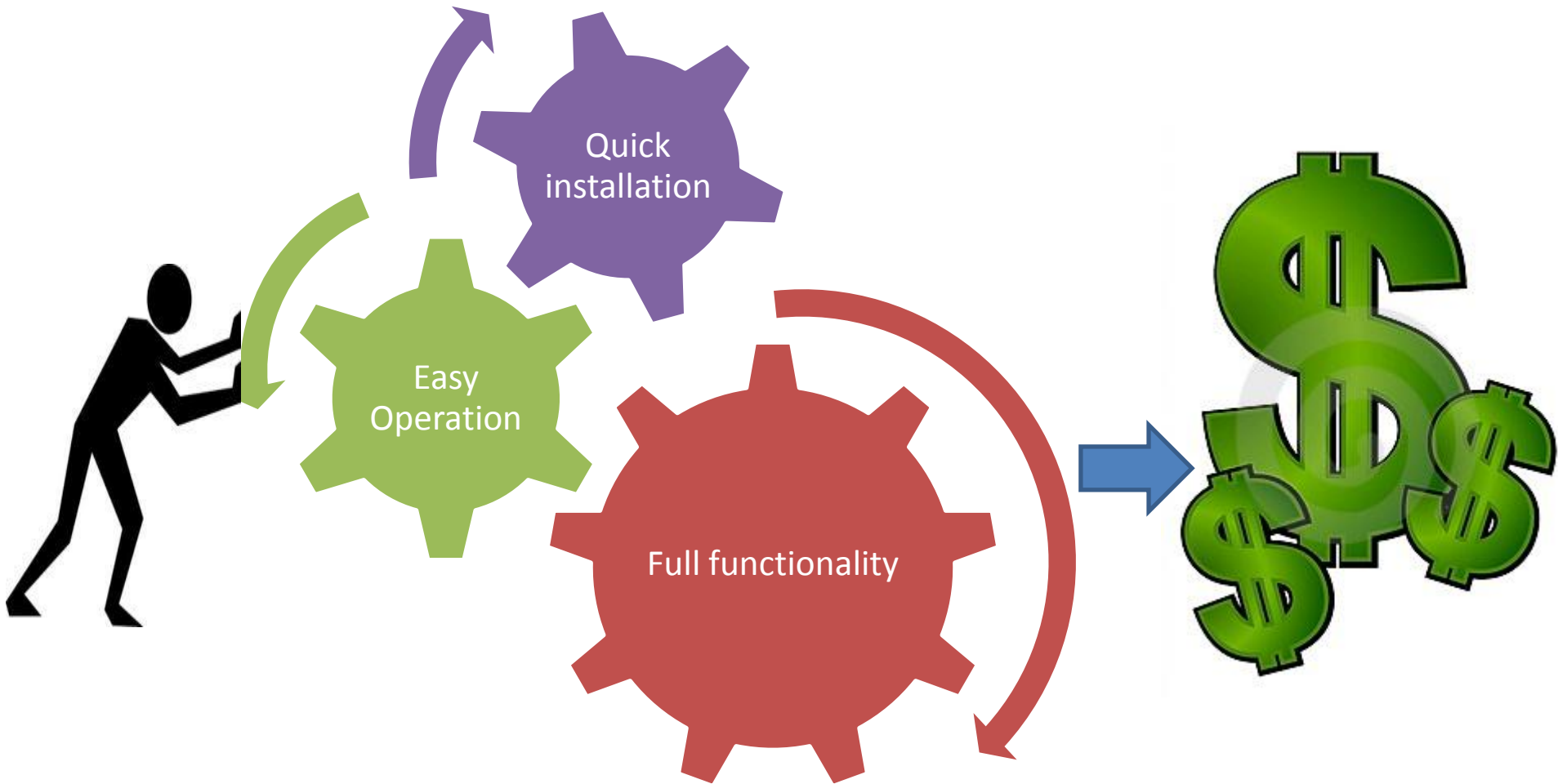
Pick up as many
channels as you
want



Win more with NVR3.0



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Successful projects - SMB



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SolexPlus Training Center deploy ACTi's Unified solution in KSA

Location: Saudi Arabia

Installation: Nov. 2012



System design

Hardware: KCM-3911 x 19

KCM-3111 x 8

NVR: **NVR 3.0** x 64 ch

Why ACTi?

- ✓ No hassle by using Unified Solution
- ✓ Easy installation for new-to-IP
- ✓ NVR supports 64 ch helps future expansion

Successful projects -City Surveillance



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ACTi NVR 3.0 combines Kewiko wireless solution to secure Ulaanbaatar City

Location: Ulaanbaatar Police station Mongolia

Installation: Oct 2012



System design

Hardware: TCM-6630- 40 pcs

NVR: **NVR 3.0** x 40ch

Why ACTi?

- ✓ Perfect integration with wireless solution
- ✓ Low CPU/ RAM consumption
- ✓ Better stability/performance

Successful projects - Education



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Hoa Sen University deploy ACTi's Unified solution in Vietnam

Location: HCMC, Vietnam

Installation: Nov 2012



System design

Hardware: TCM-6630- 12 pcs

TCM-3511- 60 pcs

NVR: **NVR 3.0** x 72 ch



Why ACTi?

- ✓ Intuitive User Interface
- ✓ Lower storage and bandwidth consumption
- ✓ Value added function that even better than ISV



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Appendix

Value Added NVR



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Preload software NVR	Vivotek	Geovision
Channel	16-32 channel NVR	32-64 channel NVR
Processor	Intel Core i5 CPU	Intel Core i7 CPU
Storage	500 GB OS Hard Drive/ 1TB Storage Hard Drive	1TB OS Hard Drive/ 4 TB Storage Hard Drive
Original MSRP	<u>\$609</u>	<u>\$828</u>
Original Margin	5-7%	5-7%
NVR Value Added MSRP	<u>\$1499</u>	<u>\$2099</u>
Margin	20%	25%-30%

Competitor Comparison



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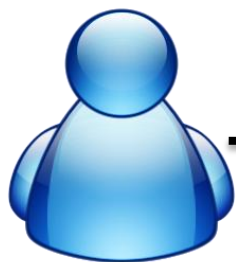
	ACTi NVR3.0	Vivotek NVR	Geovision NVR
Instant Play Back	v	v	X
Over 16 channels playback	v	x	x
User Friendly UI with Professional Functions	v	x	x
Event Speed UP	v	x	x
Maximum channel support	64	32	32

Firewall Friendly



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Use HTTP port 80 only



NVR 3



NVR 2.3



SI need to open ports in Firewall

- Control port 6001
- Stream port 6002
- Search port 6005/6006

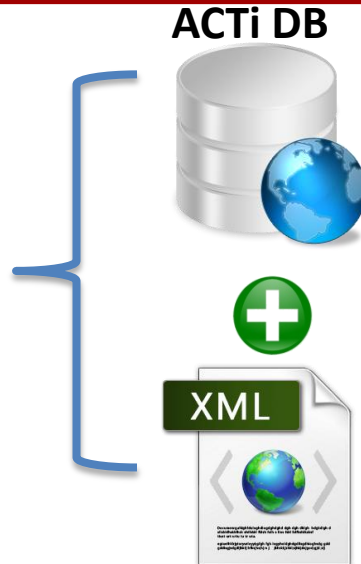
Unified Database



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NVR 3



- Easy installation/upgrade
- High search/delete speed
- Low CPU/RAM consumption
- Better stability/performance



NVR 2.3



- Restricted by MS SQL limitation
- Up to 2 million records only
- Slow search/delete speed
- High CPU/RAM consumption

Active Directory



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- Unified account & password for corporate user
- Easy management & maintenance
 - If account is removed from AD, no need to remove again in NVR server
- Higher security level
 - Authentication at AD server

System solution comparison



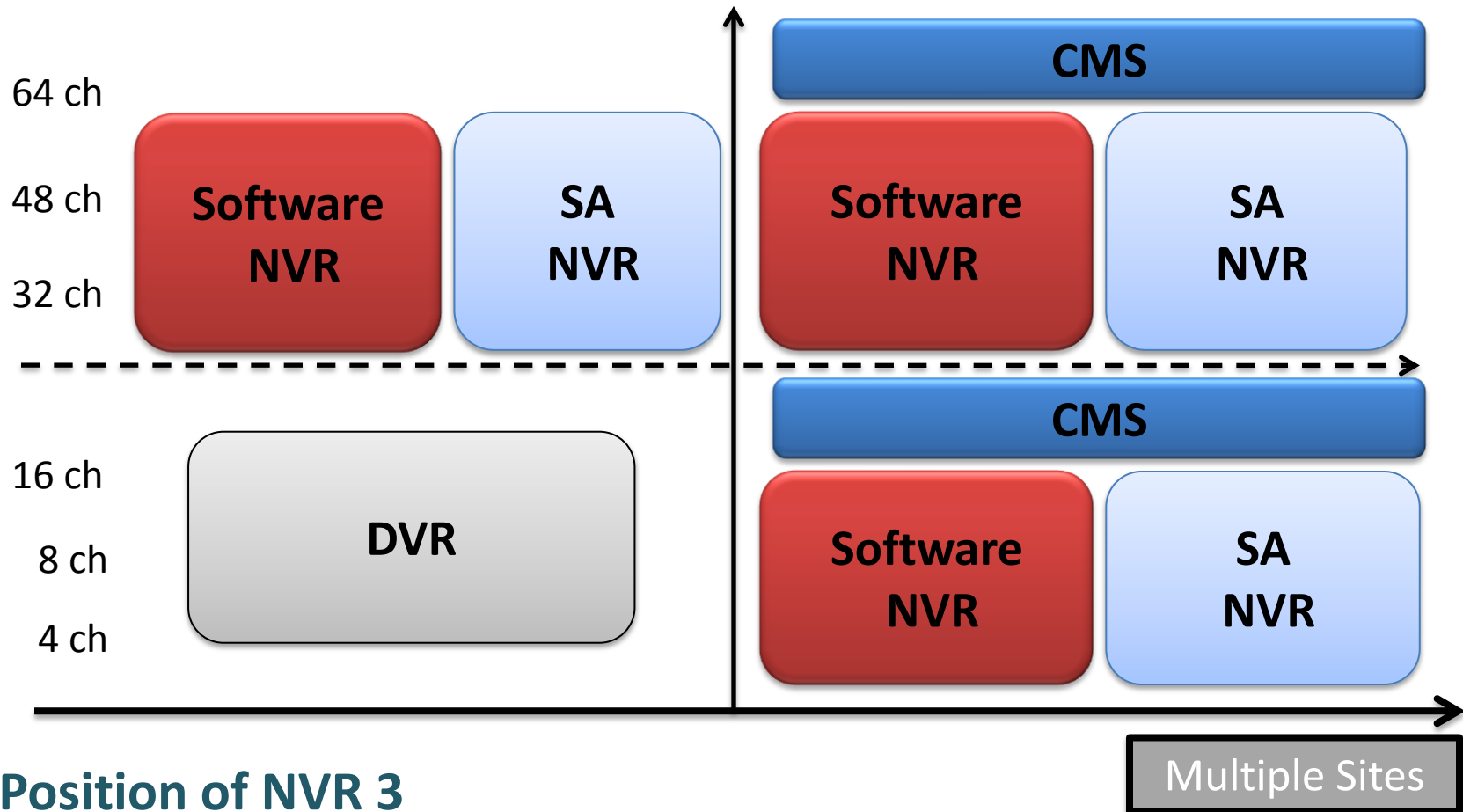
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	DVR	Hybrid DVR	Software NVR	Standalone NVR
Scalability	Low	Low	High	Moderate
Flexibility	Low	Low	High	Moderate
Reliability	High	Moderate	Moderate	High
Serviceability	Easy	Easy	Complex	Easy

Product Positioning



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Position of NVR 3

- Multi-site application => Reliability
- Multi-site management => Flexibility

Recommended server specs



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PC Spec (*2)	Server + Local Client PC		Server PC Only	Remote Client PC	
Channel Number (*3)	1-16	17-64	1-64	1-16	17-64
CPU Processor	Intel Core 2 Quad 2.4GHz	Intel Core i7-920 2.67 GHz	Intel Core 2 Quad 2.4GHz	Intel Core 2 Quad 2.4GHz	Intel Core i7-920 2.67 GHz
RAM	4GB				
Network	Ethernet (1000 Base-T recommended)				
Hard Disk Space (*4)	Minimum 40 GB (*5)			Browser Client: No minimum requirement	
Operation System	Both 32/64 bit versions, updated to latest service packs (*6): Windows 7, Windows Server 2008 (*7), Windows Vista, Windows Server 2003, Windows XP				
Display Resolution	Minimum: 1024 X 768				
Browser	32 bit Internet Explorer 8 and 9				

Recommended System Spec

O/S: Windows 7 (latest service packs), Browser: Internet Explorer 9 (Web client),

CPU: Intel Core i7-920 2.67 GHz, RAM: 4GB, Disk Space: 40GB,

Minimum Display Resolution: 1024 X 768, Network Adapter: Ethernet 1000 Base-T