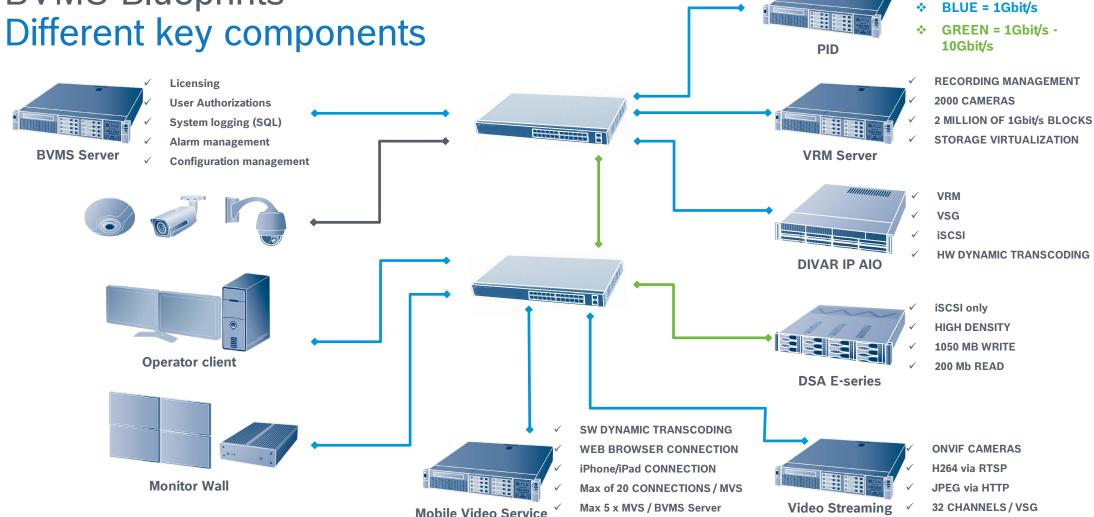


BVMS 10.1 BLUEPRINTS





BVMS Blueprints



Person identification

Up to 8 cameras



Gateway

BLACK = 100Mbit/s



BVMS PROFESSIONAL PLUS LITE



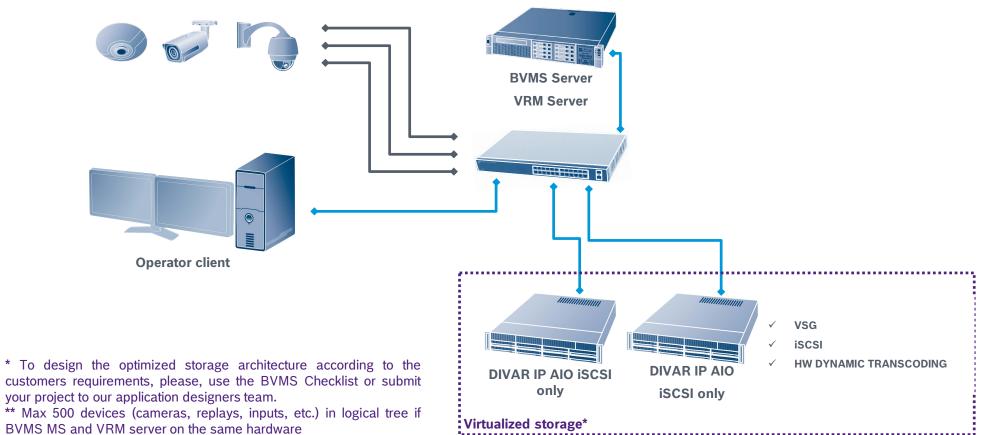


BVMS Blueprints BVMS all in one



CLIENTS 10 max

- BLACK = 100Mbit/s
- BLUE = 1Gbit/s
- GREEN = 1Gbit/s -10Gbit/s



- customers requirements, please, use the BVMS Checklist or submit your project to our application designers team.
- ** Max 500 devices (cameras, replays, inputs, etc.) in logical tree if BVMS MS and VRM server on the same hardware





BVMS Blueprints Embedded VRM's

CAMERAS

2000

max

CLIENTS

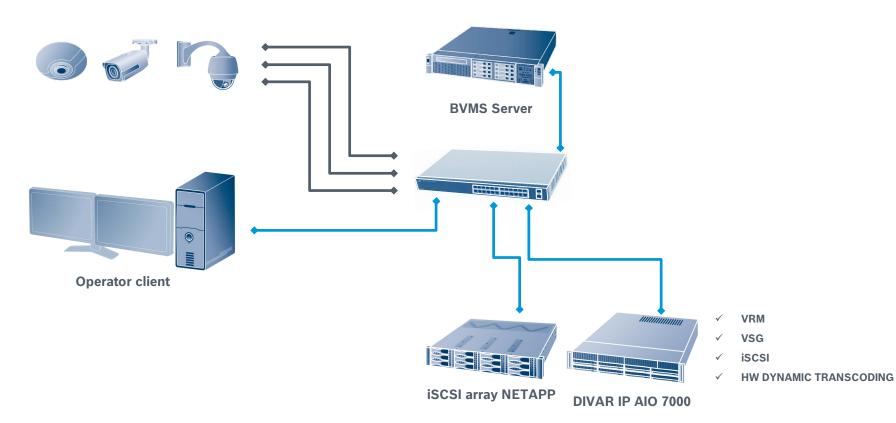
100

max

VRM

125

- ❖ BLACK = 100Mbit/s
- ❖ BLUE = 1Gbit/s
- GREEN = 1Gbit/s 10Gbit/s



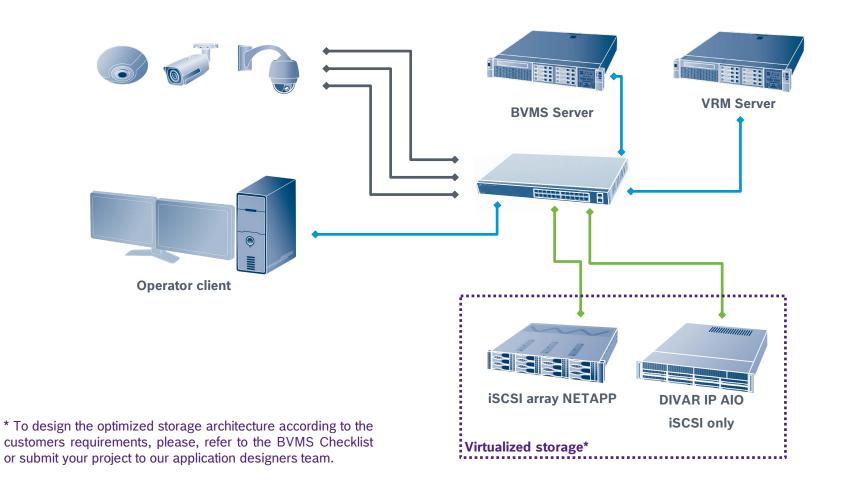


BVMS Blueprints Dedicated VRM

2000 max

CLIENTS
100
max

- ❖ BLACK = 100Mbit/s
- ❖ BLUE = 1Gbit/s
- GREEN = 1Gbit/s 10Gbit/s







BVMS Blueprints Dedicated VRM & Failover

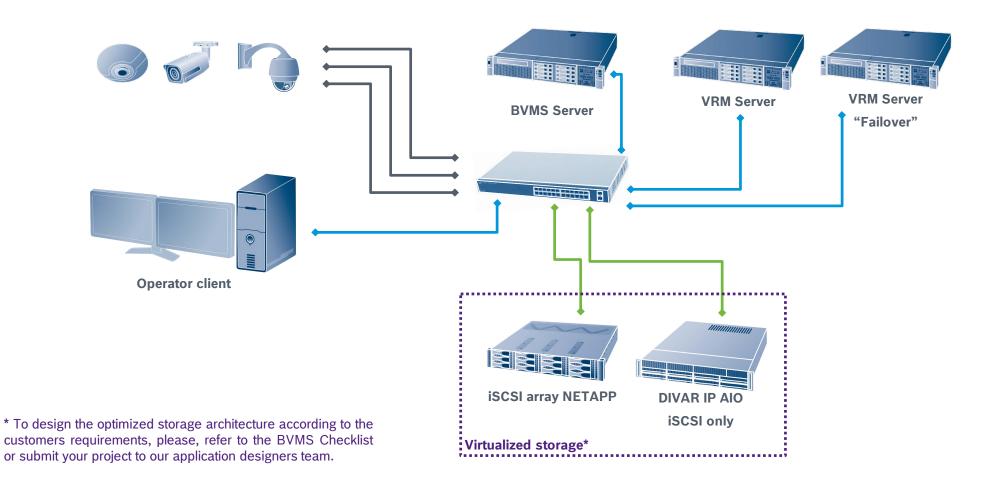
CAMERAS

2000

max

CLIENTS
100
max

- ❖ BLACK = 100Mbit/s
- ❖ BLUE = 1Gbit/s
- GREEN = 1Gbit/s -10Gbit/s





BVMS Blueprints Distributed storage

2000

CLIENTS

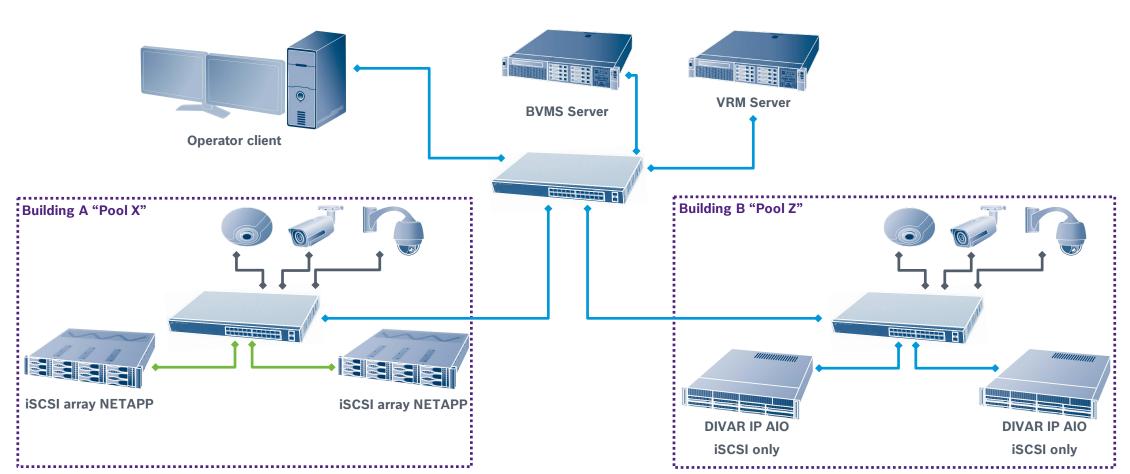
100

max

125
max

POOL 120/VRM max

- ❖ BLACK = 100Mbit/s
- ❖ BLUE = 1Gbit/s
- GREEN = 1Gbit/s 10Gbit/s







BVMS Blueprints Distributed VRM's

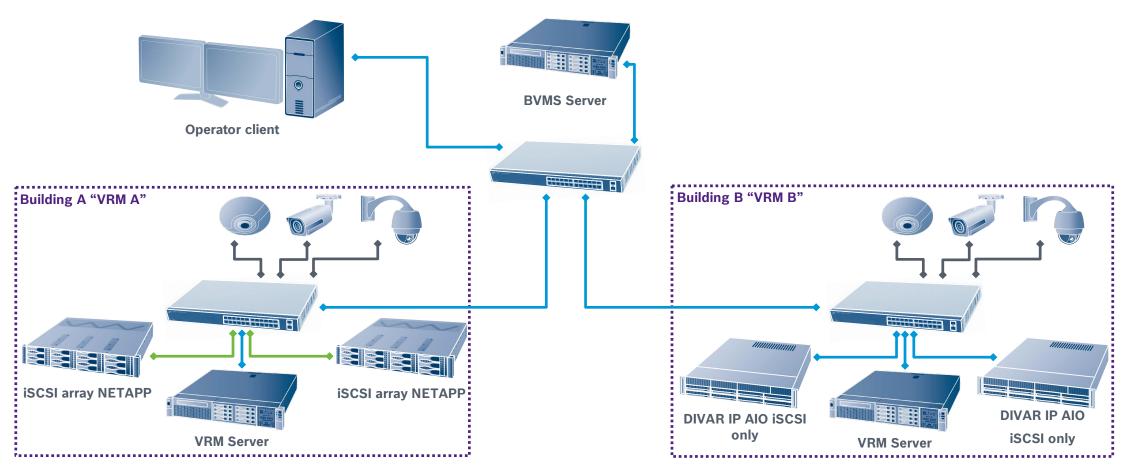
2000

CLIENTS

100

max

- ❖ BLACK = 100Mbit/s
- ❖ BLUE = 1Gbit/s
- GREEN = 1Gbit/s 10Gbit/s







BVMS Blueprints Mirrored recording

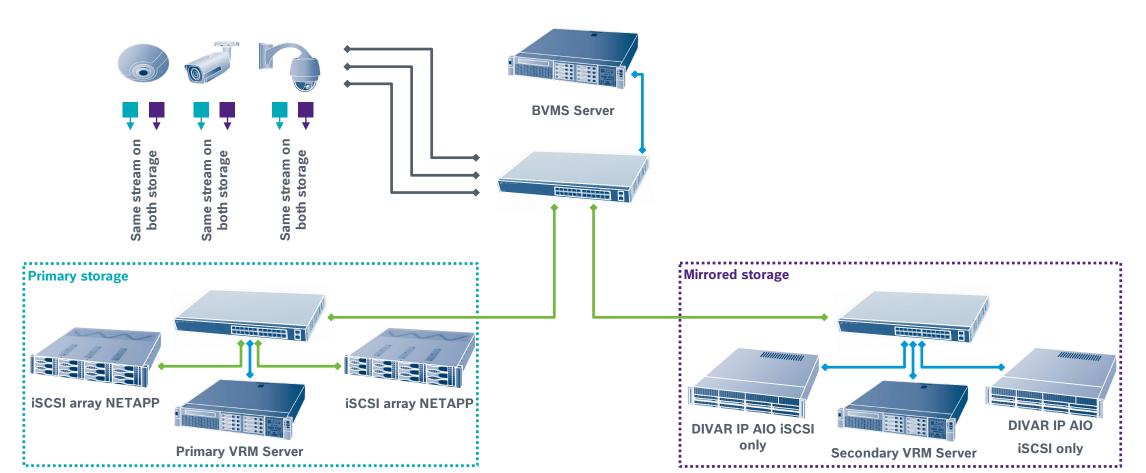


CLIENTS

100

max

- ❖ BLACK = 100Mbit/s
- ❖ BLUE = 1Gbit/s
- GREEN = 1Gbit/s -10Gbit/s







BVMS Blueprints Dual recording

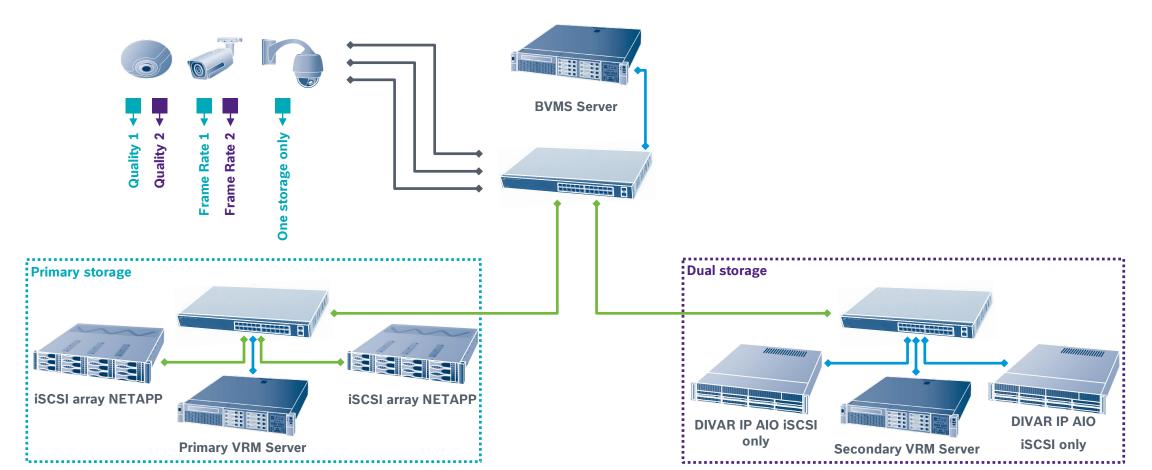


CLIENTS

100

max

- ❖ BLACK = 100Mbit/s
- ❖ BLUE = 1Gbit/s
- GREEN = 1Gbit/s -10Gbit/s



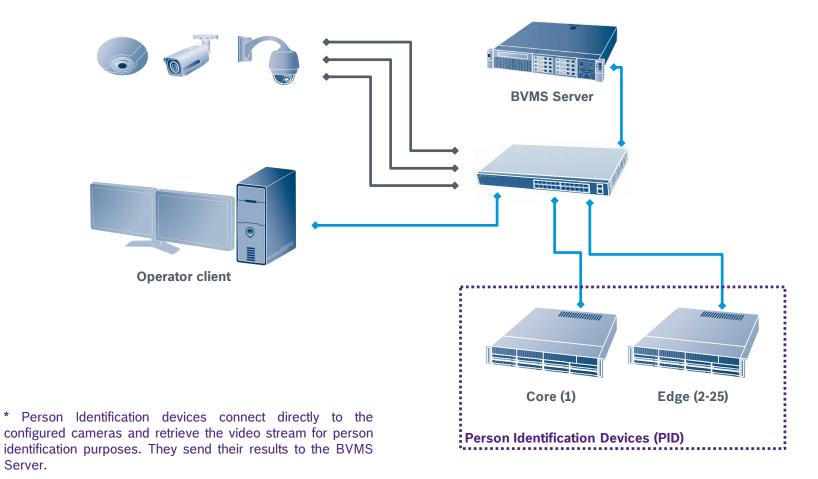




BVMS Blueprints **BVMS** and Person Identification



- BLACK = 100Mbit/s
- BLUE = 1Gbit/s
- GREEN = 1Gbit/s -10Gbit/s



Security Systems | BT-SC/PAS4-MKP | 08/08/2019

Server.



SCALABLE ARCHITECTURE



BVMS Blueprints Enterprise – Multi-servers



Enterprise

Operator client

We do not recommended to use port forwarding due to security risks. We recommend to use a secure connection, for example, a VPN, to allow multiple locations to communicate.

Enterprise
BVMS Server

10.000

100

SUBSYSTEMS
100
max

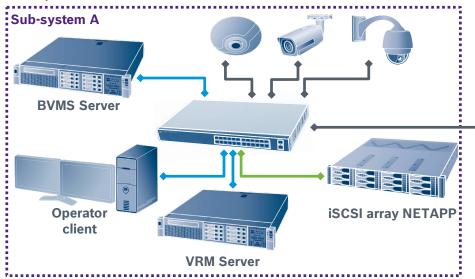
- ❖ BLACK = 100Mbit/s
- ❖ BLUE = 1Gbit/s
- ❖ GREEN = 1Gbit/s
 10Gbit/s

Up to 2.000 cameras per subsystem.

Up to 10.000 cameras per user-group.

Up to 200.000 cameras per environment, spread over 20 user-groups.

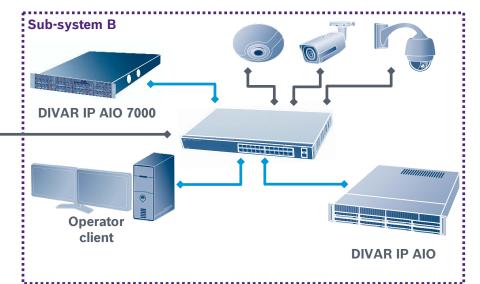
Subsystem: BVMS (Lite, Plus, Professional), DIVAR IP3000, 7000, DIVAR IP AIO 5000, 7000



Minimum speed: 10Mbit/s.

Recommended speed: 100Mbit/s

(network speed has an impact on the start-up time of the enterprise operator client and the number of video streams that can be displayed).







BVMS Blueprints Enterprise – Multi-servers (SSH)



BVMS Server or DIVAR IP AIO acts as bridge between Enterprise and Video network.

Enterprise

BVMS Server

Minimum speed: 10Mbit/s.

Recommended speed: 100Mbit/s

(network speed has an impact on the start-up time of the enterprise operator client and the number of video streams that can be displayed).



CLIENTS

100

max

SUBSYSTEMS

100

max

- ❖ BLACK = 100Mbit/s
- ❖ BLUE = 1Gbit/s
- ❖ GREEN = 1Gbit/s -10Gbit/s

Up to 2.000 cameras per subsystem.

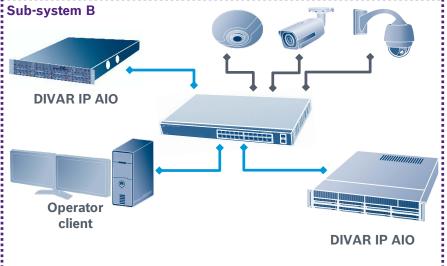
Up to 10.000 cameras per user-group.

Up to 200.000 cameras per environment, spread over 20 user-groups.

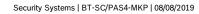
Subsystem: BVMS (Lite, Plus, Professional), DIVAR IP 7000 R2, DIVAR IP AIO 5000, 7000

SSH connectivity between Enterprise Operator client and Enterprise subsystem.

BVMS Management Server or DIVAR IP AIO can route at least 50Mbit/s between Enterprise network and video network.







Sub-system A

Operator

client

iSCSI array NETAPP

BVMS Server



LOW BANDWIDTH CONNECTIONS



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BVMS Blueprints Unmanaged sites

9999 max CLIENTS

100

max

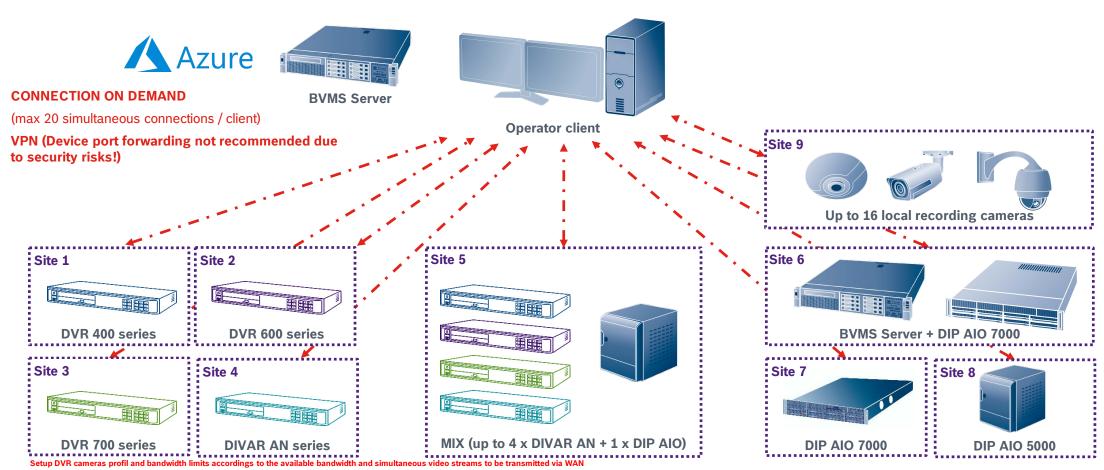
DEVICES

5 max

per site

NO ALARM NO STATUS

- ❖ BLACK = 100Mbit/s
- ❖ BLUE = 1Gbit/s
- ❖ GREEN = 1Gbit/s -10Gbit/s
- ❖ RED = >1Mb







DIVAR 7000 R2 DIVAR IP AIO 5000/7000





BVMS Blueprints DIVAR IP AIO 5000

CAMERAS

42

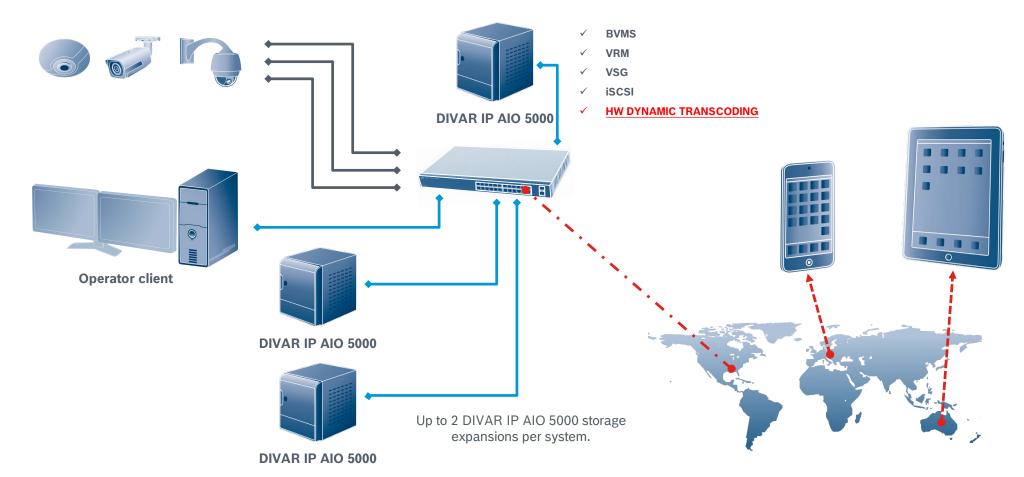
max

- CLIENTS

 5

 max
 - Expansion
 2
 max

- ❖ BLACK = 100Mbit/s
- ❖ BLUE = 1Gbit/s
- GREEN = 1Gbit/s 10Gbit/s







BVMS Blueprints DIVAR IP AIO 7000 + Storage

256 max CLIENTS

10

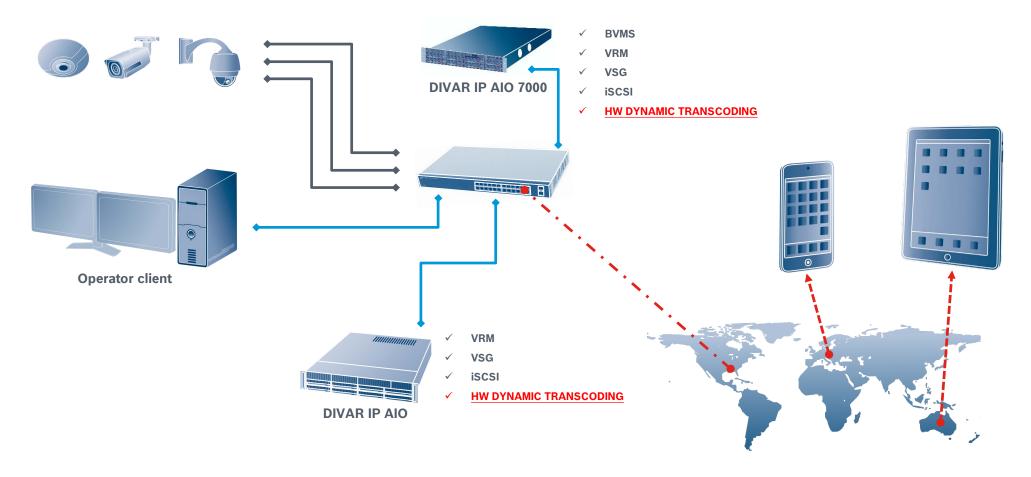
max

Expansion

4

max

- ❖ BLACK = 100Mbit/s
- ❖ BLUE = 1Gbit/s
- GREEN = 1Gbit/s 10Gbit/s







VIDEO STREAMING GATEWAY

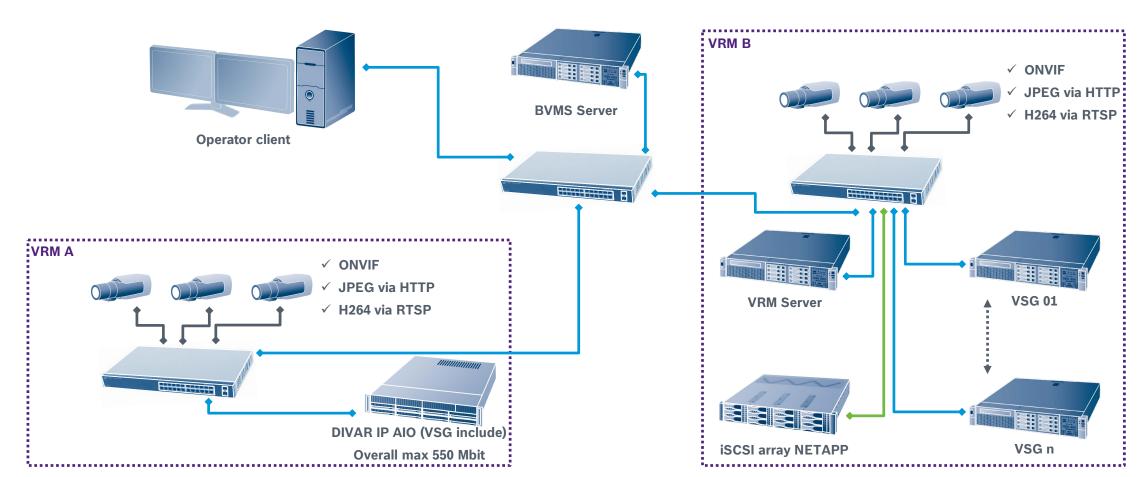




BVMS Blueprints Video Streaming Gateway



- ❖ BLACK = 100Mbit/s
- ❖ BLUE = 1Gbit/s
 - GREEN = 1Gbit/s -10Gbit/s





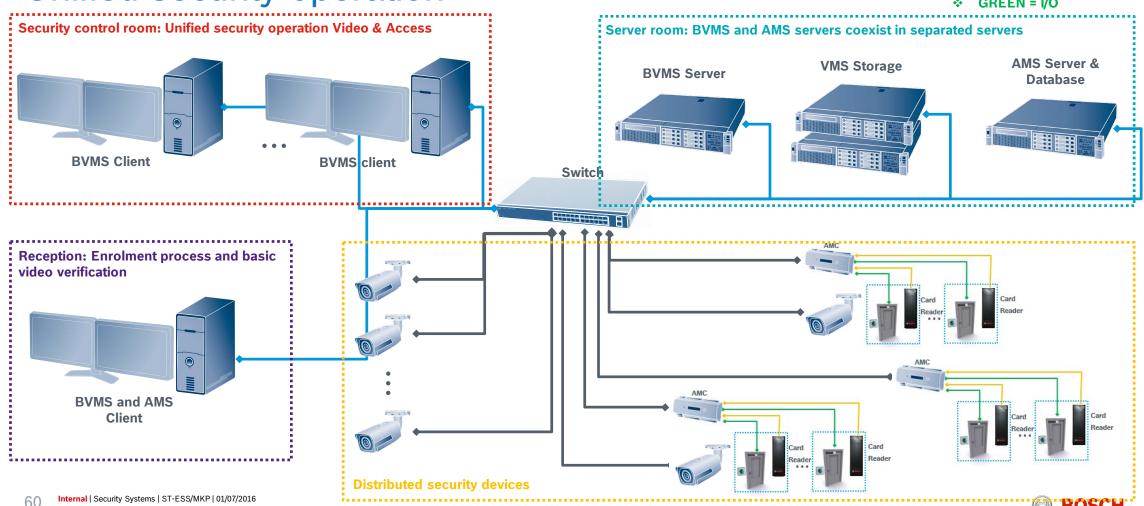


Combining access control and video management



BVMS & AMS systems integrated Unified security operation

- BLACK = 100Mb
- BLUE = 1Gb
- **ORANGE = Wiegand**
- GREEN = I/O









BVMS Blueprints **BVMS Viewer**

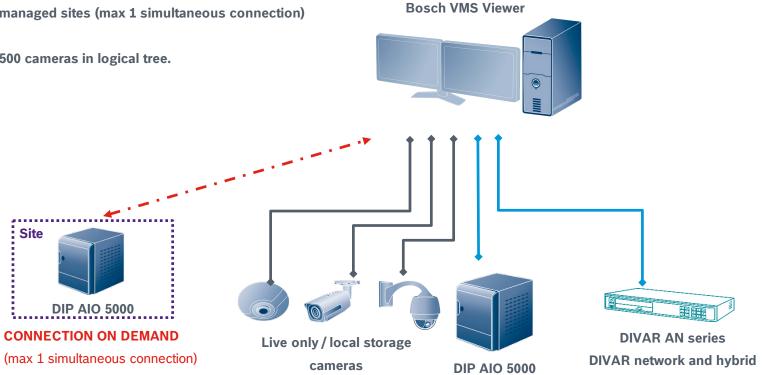


- BLACK = 100Mbit/s
- BLUE = 1Gbit/s
- GREEN = 1Gbit/s -10Gbit/s

Free of charge:

- 16 live only / local storage cameras
- 5 Recording solutions (DVR, Dibos/BRS, VRM device)
- 16 unmanaged sites (max 1 simultaneous connection)

Max limit: 500 cameras in logical tree.





BOSCH VIDEO MANAGEMENT SYSTEM



