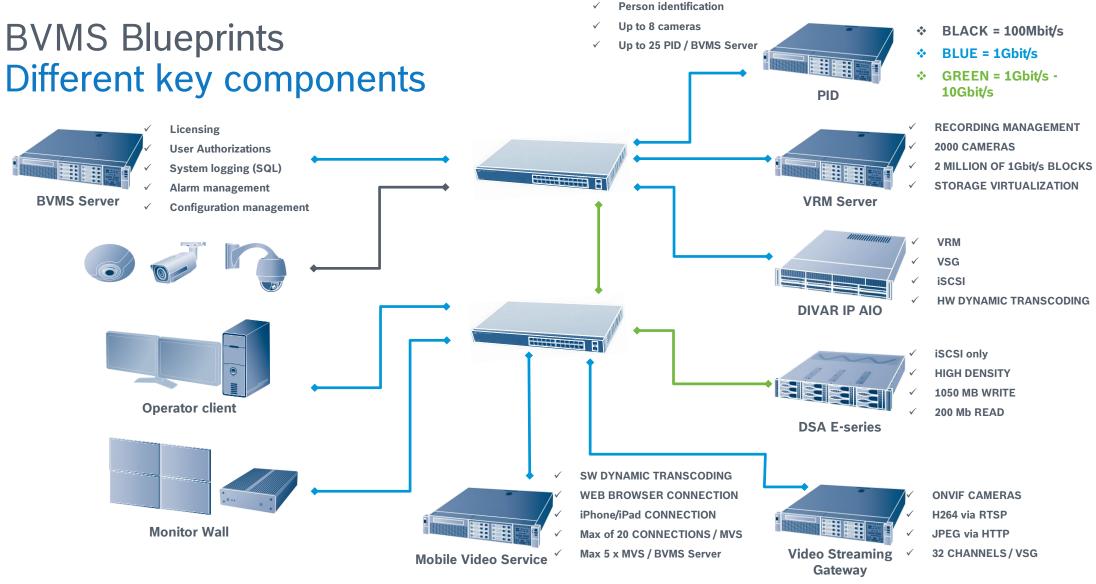
BVMS 11.0 BLUEPRINTS









BVMS PROFESSIONAL PLUS LITE



BVMS Blueprints BVMS all in one

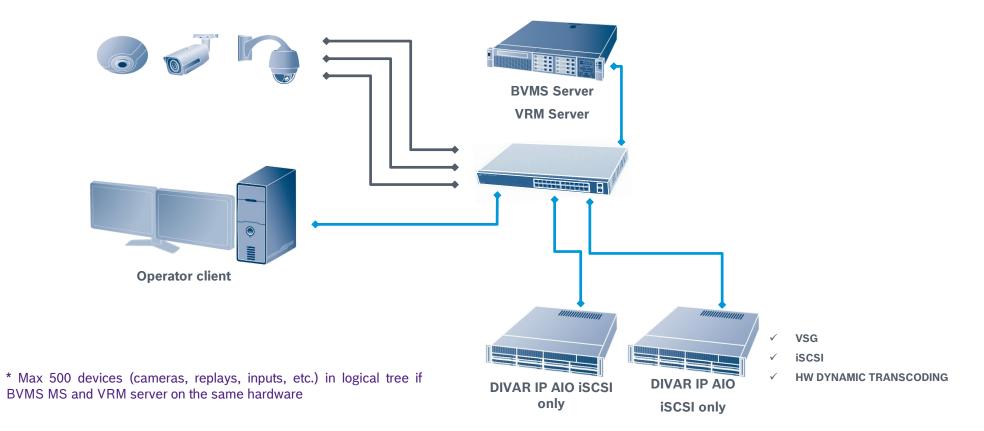


CLIENTS

10

max

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





BVMS Blueprints Embedded VRM's

CAMERAS

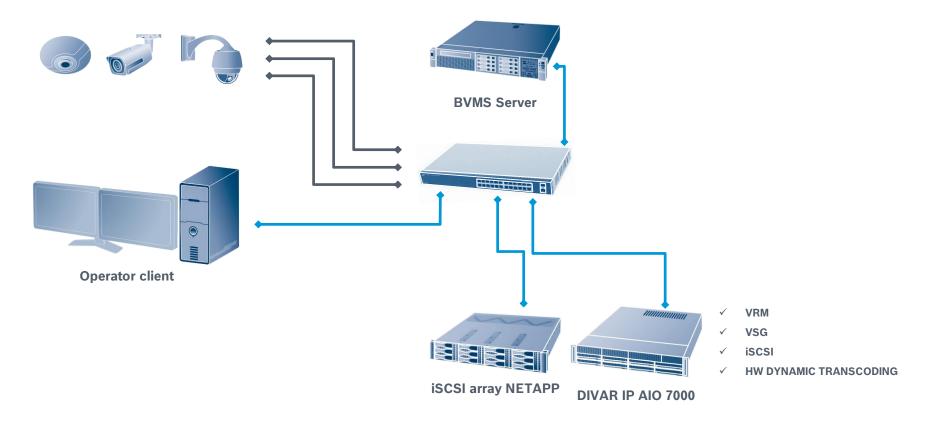
2000

max

CLIENTS
100
max

VRM **125** max

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



BVMS Blueprints Dedicated VRM

CAMERAS

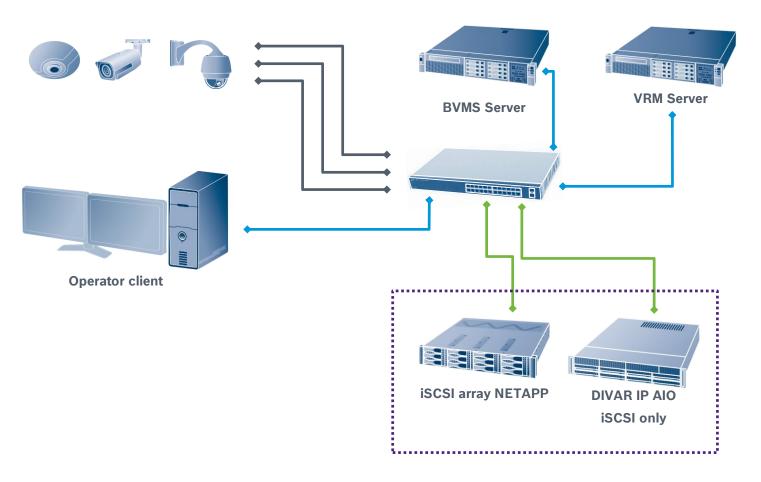
2000

max

CLIENTS
100
max

VRM **125**max

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



BVMS Blueprints Dedicated VRM & Failover

CAMERAS

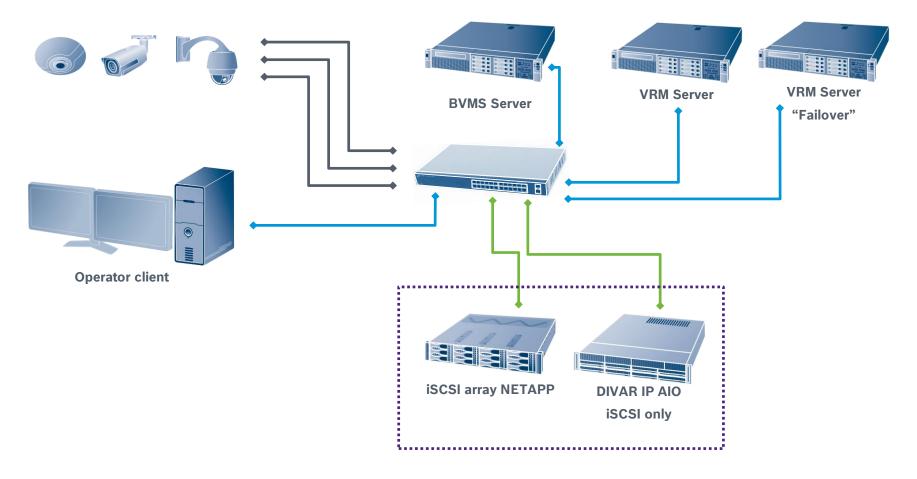
2000

max

CLIENTS
100
max

VRM **125** max

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





BVMS Blueprints Distributed storage

CAMERAS

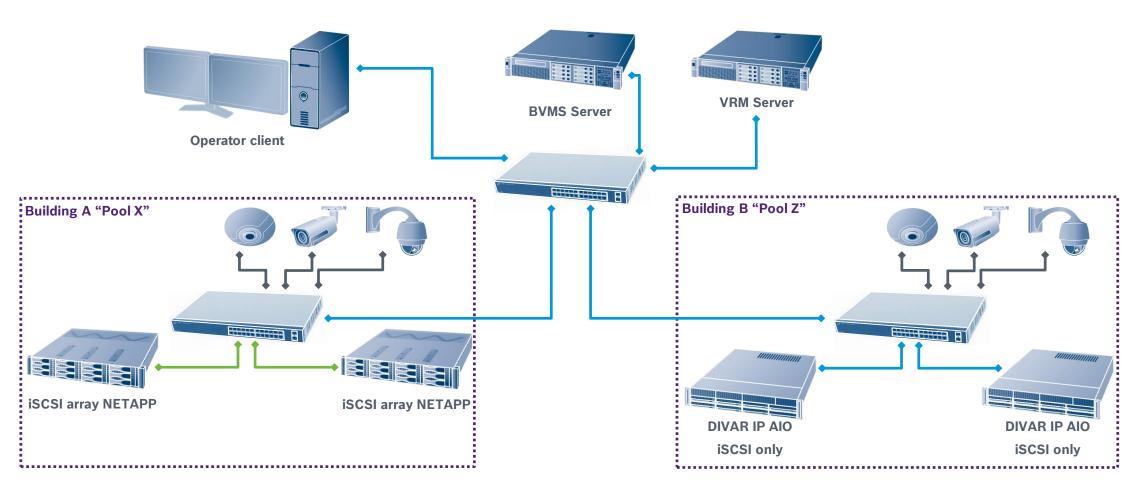
2000

CLIENTS
100
max

125

POOL 120/VRM max

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





BVMS Blueprints Distributed VRM's

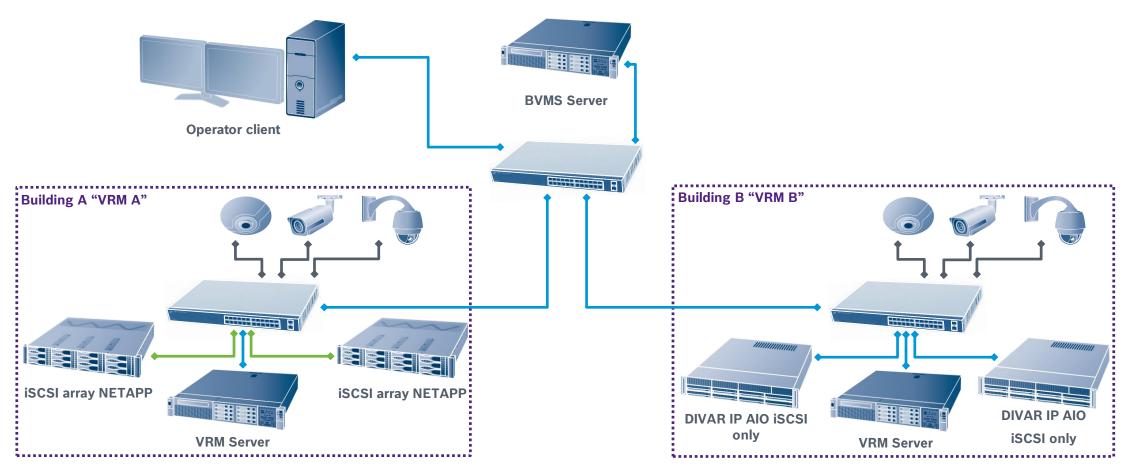
CAMERAS

2000

CLIENTS
100
max

VRM **125**max

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



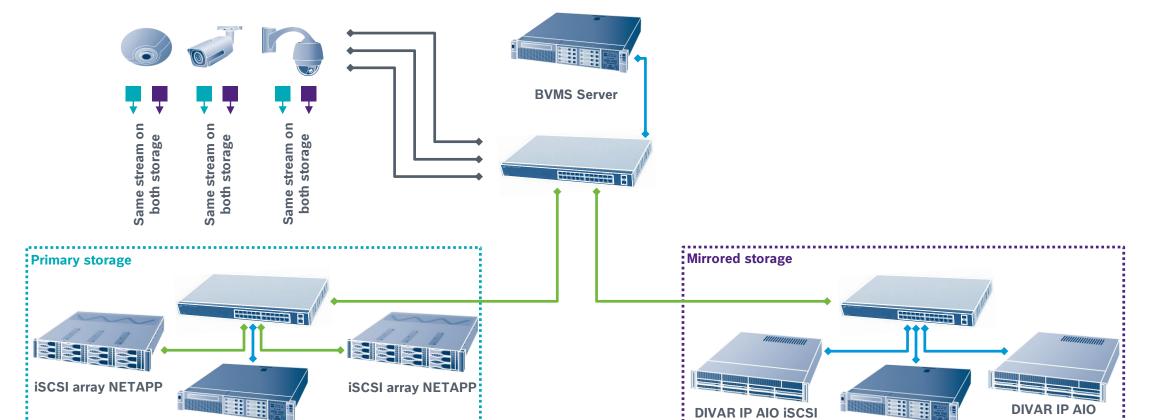


BVMS Blueprints Mirrored recording



only

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





iSCSI only

Secondary VRM Server

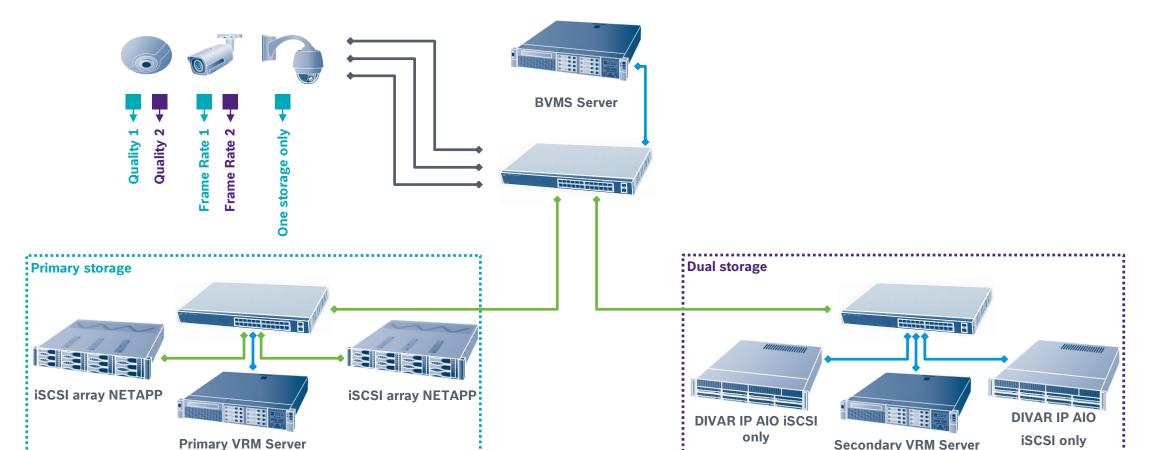
Primary VRM Server

BVMS Blueprints Dual recording



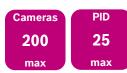
CLIENTS 100 max

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





BVMS Blueprints BVMS and Person Identification



BVMS Server Operator client Edge (2-25) Core (1) * Person Identification devices connect directly to the configured cameras and retrieve the video stream for person Person Identification Devices (PID)

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



Server.

identification purposes. They send their results to the BVMS

BVMS ENTERPRISE

SCALABLE ARCHITECTURE



BVMS Blueprints Enterprise environment – Multi-servers



10.000

CLIENTS 100

SUBSYSTEMS 100

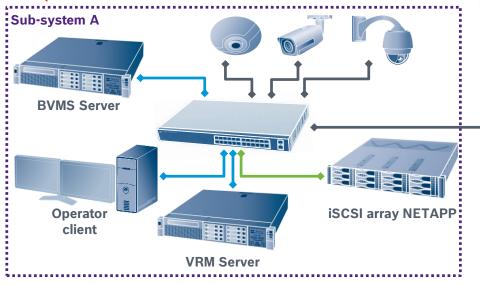
- BLACK = 100Mbit/s
- BLUE = 1Gbit/s
- GREEN = 1Gbit/s -10Gbit/s

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.

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

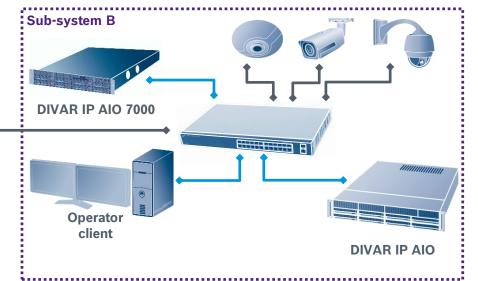


Minimum speed: 10Mbit/s.

Server

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).





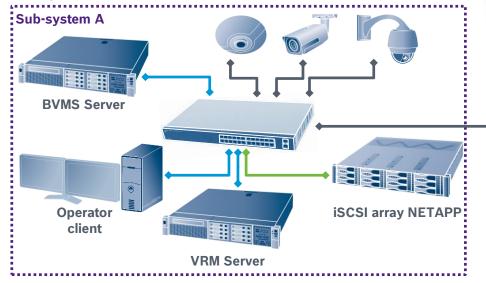
multiple locations to communicate.

BVMS Blueprints Enterprise – BVMS Plus



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.



10.000

BVMS Plus Server

(or DIVAR IP AiO 7000)

Minimum speed: 10Mbit/s. Recommended speed: 100Mbit/s (network speed has an

and the number of video

streams that can be

displayed).

CLIENTS 100

SUBSYSTEMS 20

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

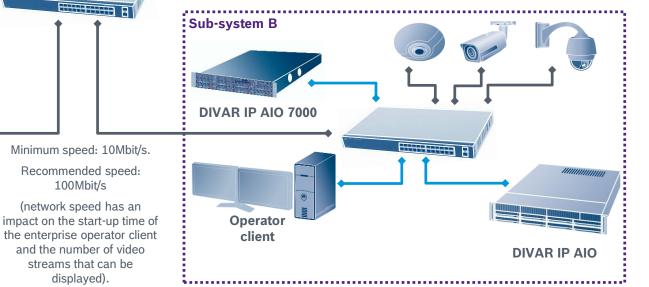
Up to 2.000 cameras per subsystem.

Up to 10.000 cameras per user-group.

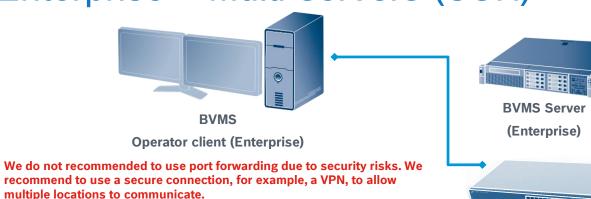
Up to 20.000 cameras per environment, spread over 20 user-groups.

Central server: BVMS Plus or DIVAR IP AiO 7000

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



BVMS Blueprints Enterprise – Multi-servers (SSH)



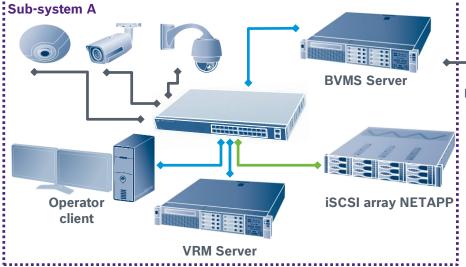
❖ BLACK = 100Mbit/s

❖ BLUE = 1Gbit/s

GREEN = 1Gbit/s 10Gbit/s

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.

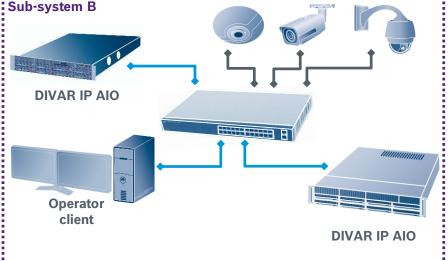


BVMS Server or DIVAR IP AIO acts as bridge between Enterprise and Video network.

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 UNMANAGED SITES

LOW BANDWIDTH CONNECTIONS



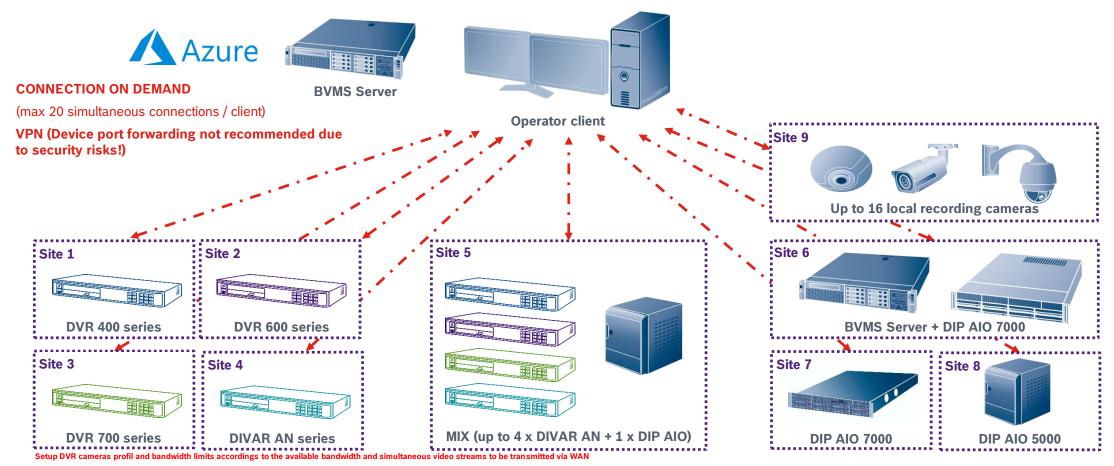
BVMS Blueprints Unmanaged sites

9999 9999 CLIENTS
100
max

5 max
per site

NO ALARM NO STATUS

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





BVMS APPLIANCES

DIVAR 7000 R2 DIVAR IP AIO 5000/7000



BVMS Blueprints DIVAR IP AIO 5000

CAMERAS

42

max

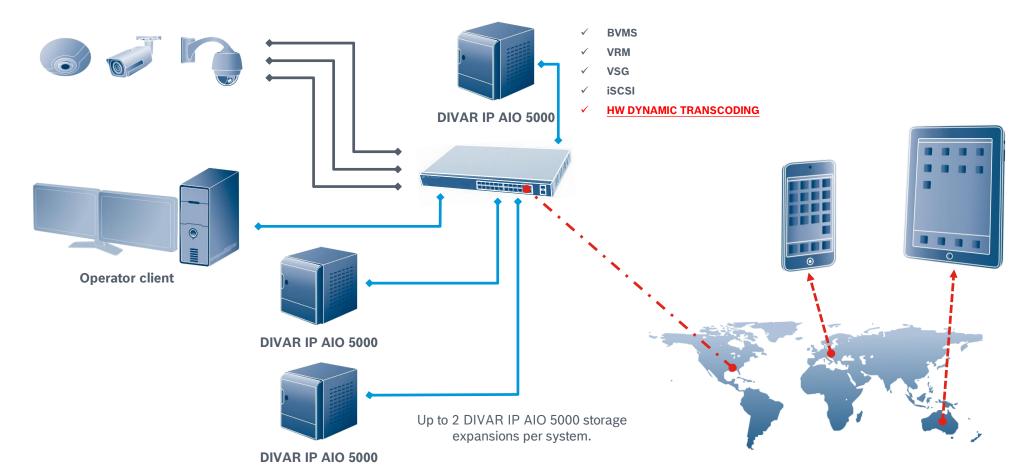
CLIENTS

5

max

Expansion
2
max

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





BVMS Blueprints DIVAR IP AIO 7000 + Storage

CAMERAS

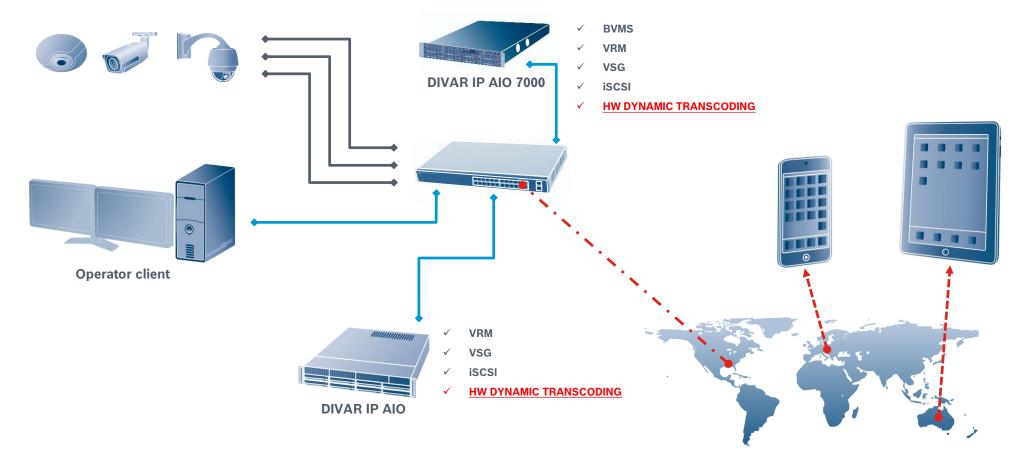
256

max

CLIENTS
10
max

Expansion
4
max

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





BVMS OPENNESS

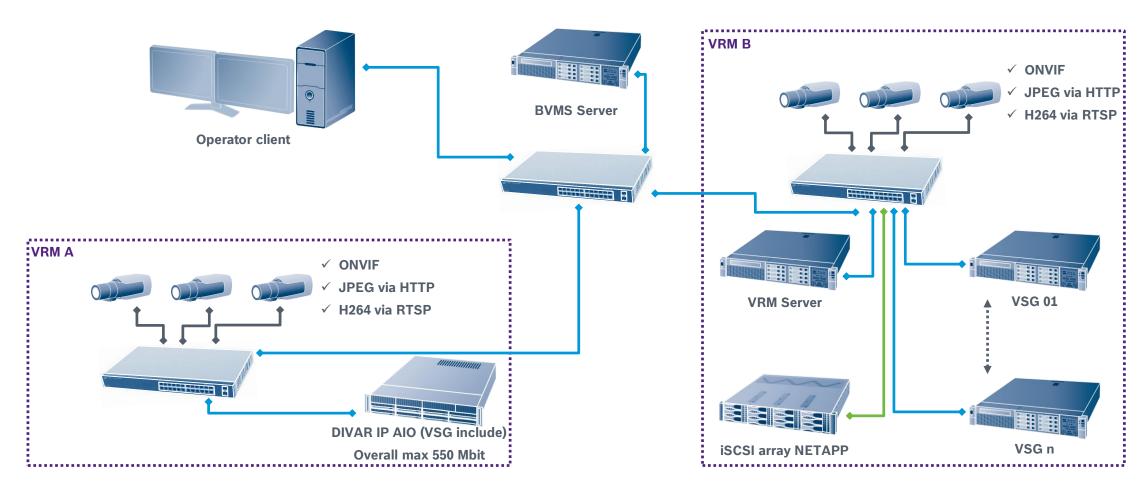
VIDEO STREAMING GATEWAY



BVMS Blueprints Video Streaming Gateway



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





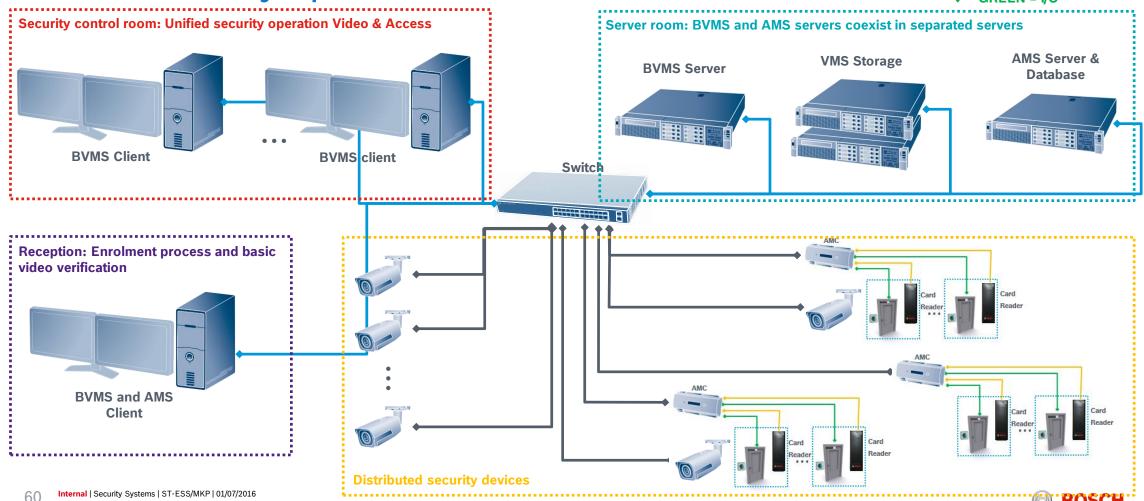
BVMS & AMS

Combining access control and video management



BVMS & AMS systems integrated Unified security operation

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



BVMS VIEWER



BVMS Blueprints **BVMS Viewer**

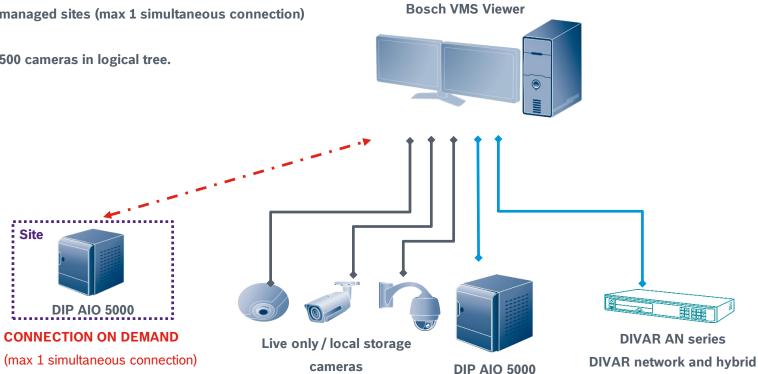


- BLACK = 100Mbit/s
- BLUE = 1Gbit/s
- GREEN = 1Gbit/s -10Gbit/s

Free of charge:

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

Max limit: 500 cameras in logical tree.



BOSCH VIDEO MANAGEMENT SYSTEM



