ATEN

A flexible media distribution upgrade with
ATEN's modular matrix switch

Case study

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Hospitality

1x

Modular matrix switch
VM1600

- Dual power supply
- Video wall function
- Scale to diverse resolutions
- Up to 32 connection profiles
- Install up to 4 in- and 4 output boards
- Connect up to 16 sources and 16 displays
- Mobile control via award winning WebGUI
- Seamless Switching technology: < 0,1 seconds
- Compatible with various interfaces: HDMI, DVI-D, HDBaseT, VGA and SDI

red**dot** award 2015
winner interface design

4x

HDM input board
VM7804

- Up to 1080p
- 4 HDMI input ports

4x

HDBaseT output board
VM8514

- 4 HDBaseT output ports
- Bi-directional RS-232 and IR support
- Up to DCI 4K @60Hz (70m) and 1080p (100m)
- DVI, DisplayPort, HDMI over a single Cat5e/6A cable

16x

HDBaseT-Lite receiver
VE801R

- HDMI over a single Cat5e/6A cable
- Up to DCI 4K @60Hz (40m) and 1080p (70m)

Requirements

- Cover distances of up to 70m
- Ability to distribute video signals to +10 displays
- Support a wide range of displays from different manufacturers
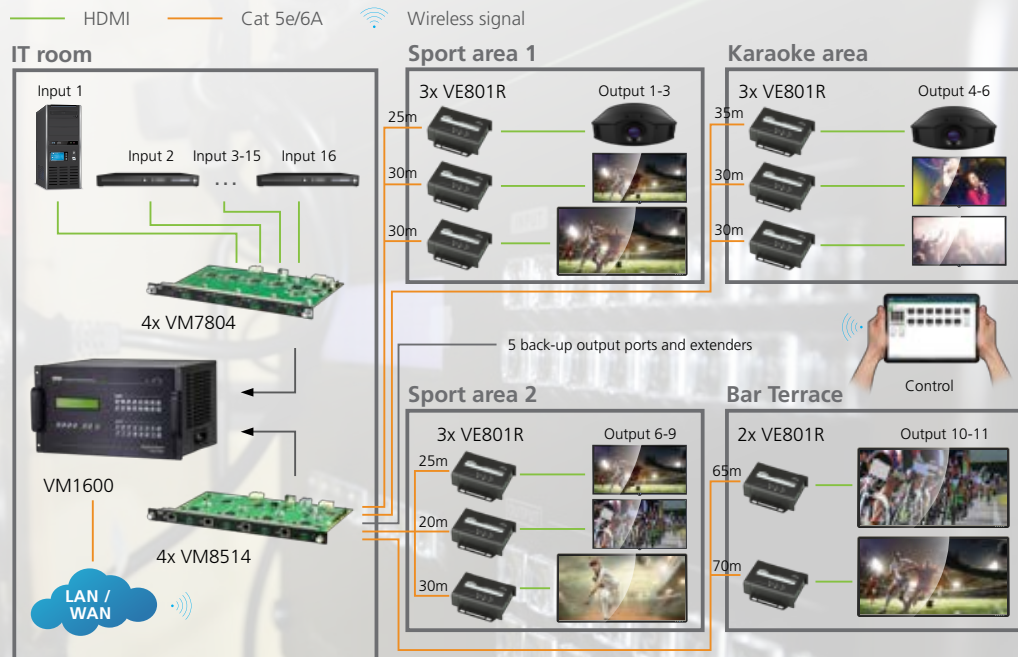- Effective price-quality balance offering a future proof infrastructure

Benefits

- **User interface –** Swift profile control, scheduling and setup with the Red Dot Award winning web user interface.
- **Modular –** VM1600 is compatible with many commonly used interfaces, which makes the setup future proof and easy to change or expand whenever needed.
- **HDBaseT –** ATEN's HDBaseT-certified products allow you to send audiovisual, Ethernet, power, USB and control signals through a single Cat 5e/6a cable up to 100m (70m with HDBaseT-Lite).

Jameson Distillery Pub, Germany

The Jameson Distillery Pub is one of the biggest Irish Pubs in Cologne. Customers can enjoy traditional Irish food and drinks while they watch their favorite sports or participate in a fun karaoke session.

To enhance the experience, Jameson Distillery Pub has a digital signage setup of 13 screens inside the pub and 2 big screens outside, all managed from a centralized matrix switch. As they searched for a new and future proof switch they quickly found out that ATEN's modular matrix switch perfectly fits their needs.

—— HDMI   —— Cat 5e/6A   📶 Wireless signal

IT room

Input 1

Input 2   Input 3-15   Input 16
...

4x VM7804

VM1600

4x VM8514

LAN / WAN

Sport area 1

3x VE801R   Output 1-3
25m
30m
30m

Karaoke area

3x VE801R   Output 4-6
35m
30m
30m

5 back-up output ports and extenders

Control

Sport area 2

3x VE801R   Output 6-9
25m
20m
30m

Bar Terrace

2x VE801R   Output 10-11
65m
70m

Do you have a similar installation or project?
Contact sales@aten.be, our pre-sales team would be glad to assist you.