



## **Solutions-oriented Networking for Exhibitions & Events**

# Solutions-oriented networking for exhibitions & events

## Network approach means more flexibility and less effort while on location

Thanks to the high bandwidth, wide range of signal types, and reliable transport capabilities of fiber, the planning phase of any project is easy. In this way, audio, video, lighting data, communications, and network data can all be transferred across a fully redundant network that is optimized for the rigors of live events and exhibitions.

With intuitive operation and the ability to quickly to changes or new requirements from agencies and end users.

Thanks to the built-in redundancies in the system, you are prepared in the case of a fiber failure with auto re-routing that guarantees you a flawless broadcast.

## Reduced operating costs

Riedel Solutions are a major contributor to reducing costs at trade shows and exhibitions. Imagine having any type of broadcast signal anywhere you need it, at any time and always in the right format. Imagine a system that resolves issues by itself thanks to a redundant layout so that your network is online, even when hardware fails or cables are damaged. Then imagine being able to do all of this through operations that don't require any specific AV or IT knowledge.

Through the integration of modules such as lighting, audio, video, interpreter, and intercom, the MediorNet network can dramatically simplify the planning and cabling on site while substantially reducing labor costs.

Another advantage: By using a single fibre-cable rather than multiple copper cables, the transport weight is greatly reduced, this reducing costs for the logistics department.

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## MediorNet - Features

- Fiber signal transport for 3G/HD/SD-SDI video, audio, IP, data & communications
- Support for all network topologies
- Integrated optical multiplexing
- Distribution and routing of uncompressed signals in real-time
- Support for control systems from third party manufacturers
- Integrated signal editing and conversion
- Full optical redundancy via auto-re-routing
- Future-proof hardware platform

## MediorNet - Key benefits

- Integrating various signal infrastructures into one network offers significant savings in cabling effort and infrastructure
- Network-based approach with point-to-multipoint routing expands the flexibility of the installation
- MediorNet's flexibility allows a multitude of applications well as rapid adjustments to changed production requirements
- Integrated signal processing eliminates the need for external hardware and expands the flexibility of the installation
- Software-based features are expandable and make MediorNet a future-proof investment

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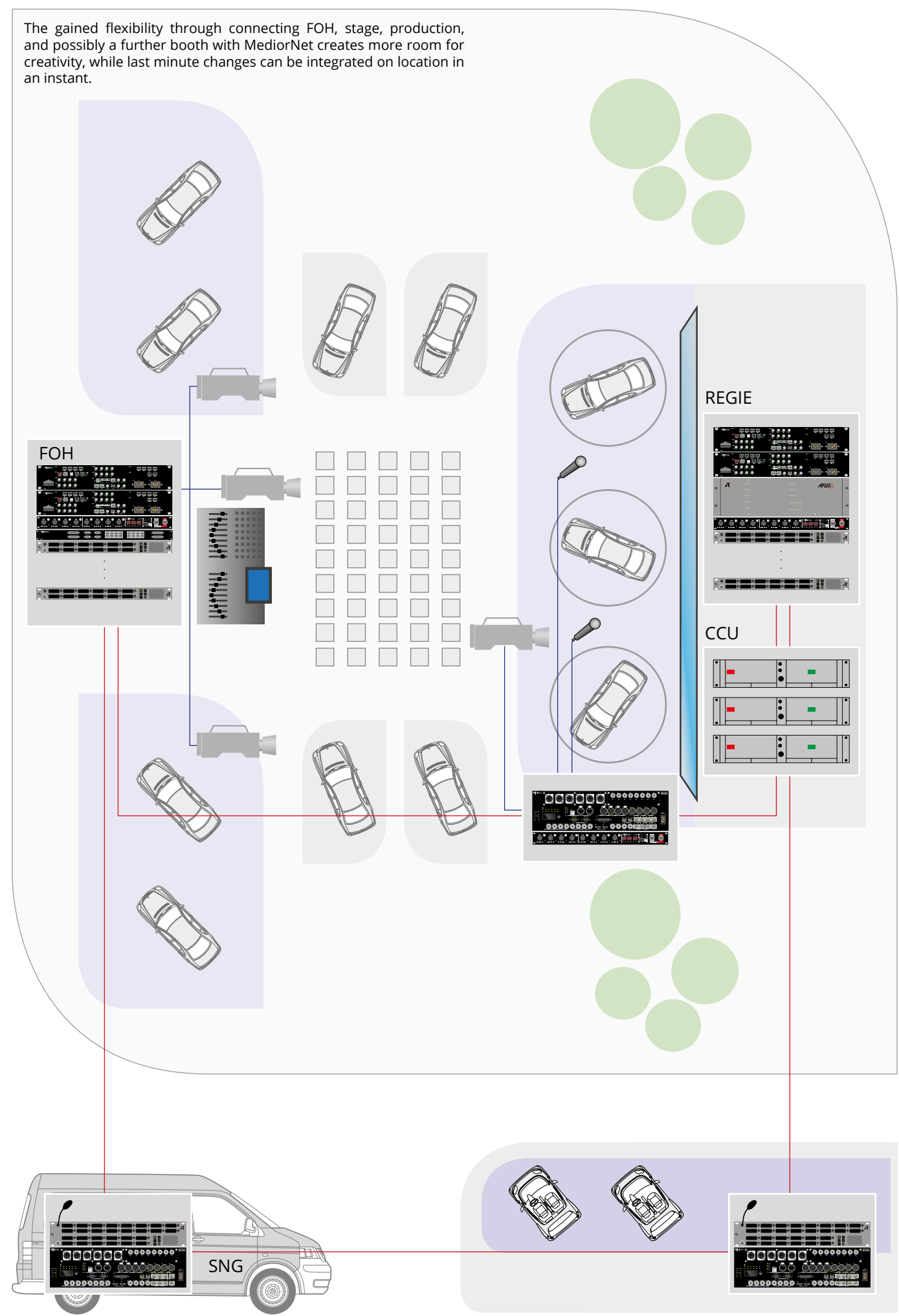
## Savings through MediorNet

- Logistic costs are reduced significantly, especially for projects with longer durations.
- Through the deployment of a single cable crew for video, sound, lights, and communications, the labor costs are reduced by two thirds.
- In addition to reduced costs, the gained flexibility is one of the major benefits of a MediorNet Network.



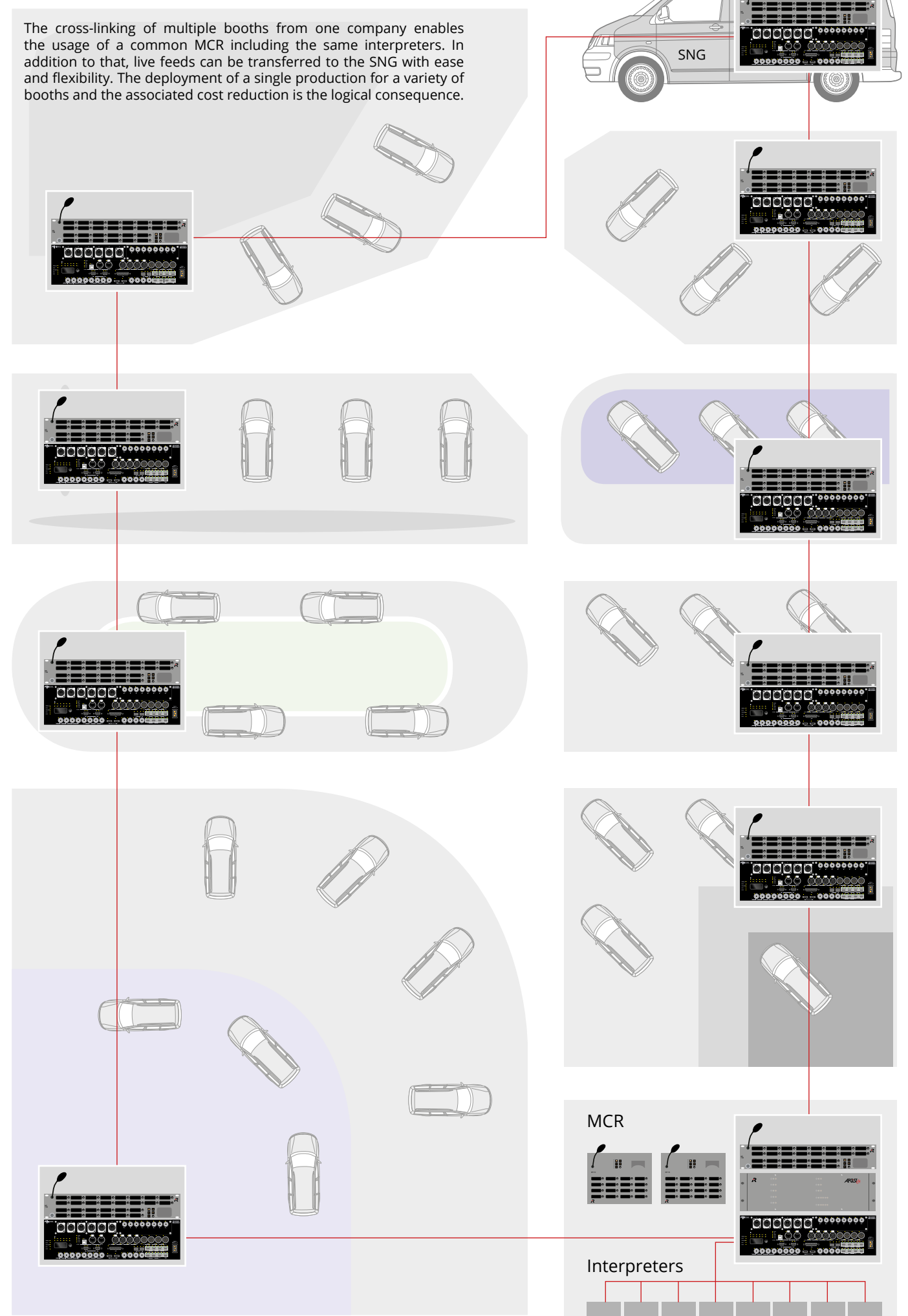
## SETTING A

The gained flexibility through connecting FOH, stage, production, and possibly a further booth with MediorNet creates more room for creativity, while last minute changes can be integrated on location in an instant.



## SETTING B

The cross-linking of multiple booths from one company enables the usage of a common MCR including the same interpreters. In addition to that, live feeds can be transferred to the SNG with ease and flexibility. The deployment of a single production for a variety of booths and the associated cost reduction is the logical consequence.



— Bis zu 76,5 Gbit/s  
Audio, Video, Daten und Kommunikation

# Riedel product lines

## MEDIORNET - The Real-Time Media Network

- One fiber-based network infrastructure for broadcast and entertainment
- Integration of all video, audio, data and communication signals
- Future-proof – free signal-routing without rewiring
- Intuitive, easy-to-learn operation



## ROCKNET - The Performance Audio Network

- Vendor independent: allows operation of mixing consols from various brands within the same network
- Independent Gain
- CAT-5 redundant network interface
- Intuitive set-up: No Ethernet, no IP – easy front panel operation



## ARTIST - The Digital Matrix Intercom

- Distributed masterless system architecture for reduced wiring and installation costs
- Seamless integration of VoIP SIP PABX and mobile HF radio (conventional and TETRA)
- Easy and intuitive programming for reduced training and service
- German engineering and quality manufacturing



## PERFORMER - The Digital Partyline Intercom

- High quality digital audio: no noise, no hum
- Remote Mic-Kill
- 2-channel intercom operation plus additional program sound on standard XLR cables
- Real plug-and-play installation



## ACROBAT - The Digital Wireless Intercom

- Wireless partyline and point-to-point communications
- Excellent audio quality via VoIP-over-DECT technology
- Cellular architecture with seamless handover
- No interference with radio microphones, in ear monitoring or other UHF systems



# Riedel Rental Services & Solutions



**Intercom & Professional Mobile Radio Solutions**



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**RF Camera Solutions**



**CCTV Solutions**



**Access Control & Accreditation Solutions**



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