



## VIRTUAL SMARTPANEL®

In the dynamic landscape of global productions, communication demands are evolving at an unprecedented pace. Riedel's latest response to this evolution is the all-new Virtual SmartPanel® (VSP), a revolutionary mobile intercom solution that takes interconnectivity to new heights. Designed for Artist intercom users, this solution empowers professionals to seamlessly engage in productions from anywhere in the world, all through their mobile devices. Whether you are working in traditional broadcast environments or new remote setups, the Virtual SmartPanel delivers the flexibility and versatility you need.

The Virtual SmartPanel enhances Riedel's Artist intercom portfolio with a virtual hybrid (COTS-based) infrastructure, enabling secure and intuitive remote communications across multiple platforms such as iOS, Android, and various web browsers.

Additionally, enhanced remote support features, such as Live View and Remote Control, empower administrators to monitor key status and resolve issues in real-time.

The VSP places the user at the center of its design, delivering an unmatched user experience through its intuitive interface, versatile functionality, and flexible licensing model: With a single license, users gain access across multiple devices, enabling seamless transitions between platforms. This flexibility extends to the intercom configuration, where each user can manage multiple profiles, effortlessly switching roles between productions without requiring additional setup from the engineering team. Whether a user is operating as a camera operator in one project or as an audio engineer in another, the VSP adapts to their needs, saving time and reducing costs for the entire production.



### Security & Redundancy

Thanks to our IT secured standards-based approach, VSP communication is highly secure, with countless redundancy and security mechanisms in place:

- Secure peer to peer connections via STUN & TURN servers
- WebRTC supports encrypted streams
- Seamless integration with customers' existing identity providers
- Redundant data connections between Artist-1024 and STAGE™
- Audio redundancy via WebRTC Gateway
- STAGE & WebRTC servers can be clustered for load sharing and resiliency





### Riedel STAGE™

At the core of the Virtual SmartPanel's functionality is Riedel's all-new STAGE configuration, management and monitoring software, heralding a new generation of server-based applications that run on a computer, OnPrem server, or Virtual Machine – and soon on public cloud instances. This powerful software enables 3rd party identity provider integration, aggregation of metrics and events for system monitoring, and comprehensive permission control to secure the VSP. STAGE was designed with EBU143 security recommendations in mind, offering encrypted connections, modern password policies and certificate authorization.

The Virtual SmartPanel offers a user-centric design that is both functional and intuitive. It features customizable key banks and extensive profile management capabilities, allowing users to tailor their communication setup to their specific requirements. The interface's layout and functionality are inspired by Riedel's 1200 Series SmartPanel, ensuring a familiar user experience that is both efficient and enjoyable. The number of available keys scales with the device type, 16 (phone) over 48 (tablet) to 64 (browser).



- Mic Mute 1
- Speaker Mute 2
- Reply List 3
- Menu 4
- Key Banks 5
- Group Color 6
- Listen Active 7
- Reply to Conference 8
- Reply to Member 9

This versatile system is perfectly suited for a variety of settings and teams, from remote broadcast crews and home-based workers to freelancers who prefer to use their own devices. Its flexibility makes it an ideal choice for dynamic production environments where quick adaptation and scalability are just as essential as robust communication. Whether it's for outside broadcasting or flexible workspace arrangements, the Virtual SmartPanel delivers reliability and efficiency, adapting seamlessly to the diverse needs of its users.

#### Outside Broadcasting

- Easily integrate remote crew
- IFB for talents in the field
- Works with 3G/4G/5G (LTE)
- Live view and remote control support

#### Remote Work

- Work from home via public internet
- Creates a quasi-redundant path via the local net and via the cellular network
- Live view and remote control support

#### Freelancers

- Add Freelancers to productions without sending expensive hardware
- Flexible & free App download in App Store
- Multiple company profiles per App
- Live view and remote control support