CineArk

![Riedel Bolero intercom display showing channels: BP 2, AD, Camera, Grips, Sparks, Security, Studio B]

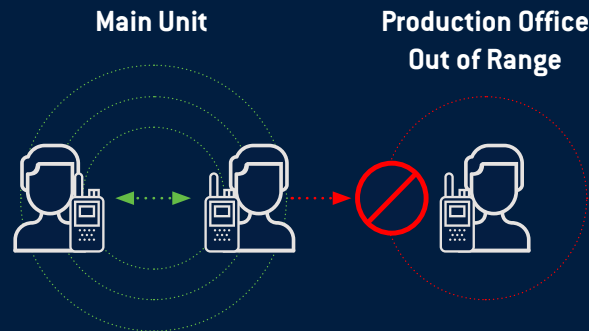# (((CommsLink)))

Global Intercom System

CommsLink Overview

As part of the ArkLink Remote Production services, CommsLink enables unprecedented coverage and flexibility, allowing crew to listen and talk to anyone, anywhere in the world, via professional comms-packs, radios or even through personal devices such as phones, laptops or tablets.

This, along with the rest of ArkLink's suite of secure, cutting-edge technology and services, enables crews to continue filming whilst being in geographically separated locations.
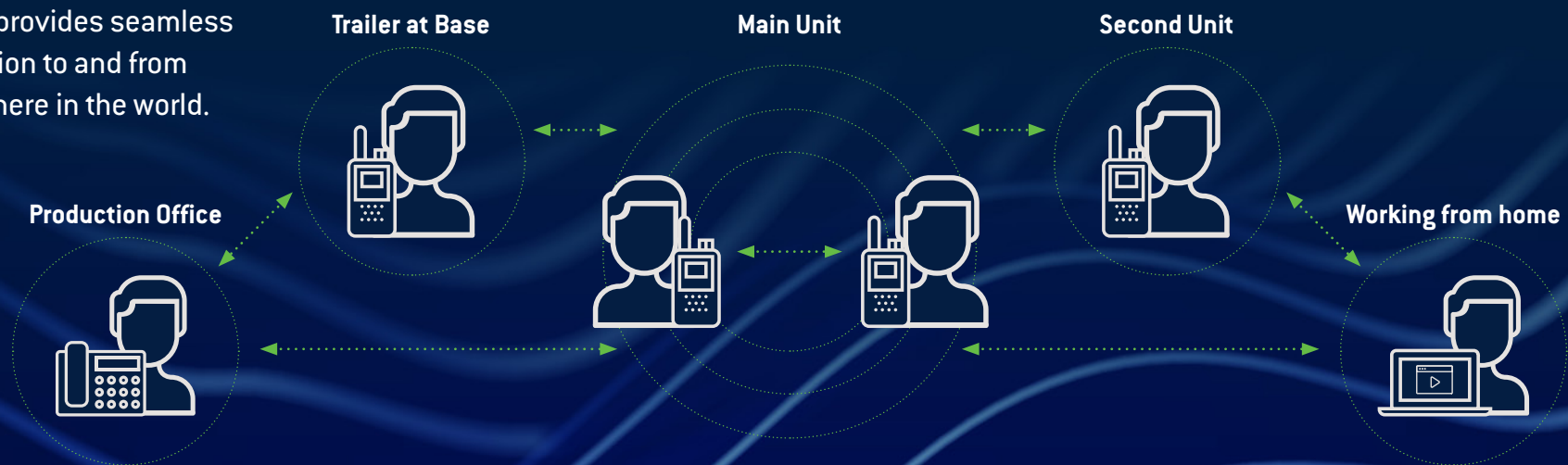
Standard Setup On Film Sets

Crew can only communicate via radio when in range.

Main Unit

Production Office Out of Range

CommsLink Solution

CommsLink provides seamless communication to and from set, to anywhere in the world.

Trailer at Base

Main Unit

Second Unit

Production Office

Working from home

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Key Features

- **Direct integration with the production sound mixer:** Enabling comms-packs to listen to live sound and playback, as well as integration with PA systems.

- **Inter-unit linking:** Enabling seamless communication between multiple units, anywhere in the world.

- **Fully customisable routing:** All users can listen to multiple comms and radio channels simultaneously, through one single headset.

- **Revolutionary virtual connection:** Anybody can be on comms over any internet or cellular connection.

- **Dial in phone number:** Providing a standard conference dial in number allowing communication with any radio or comms channel.

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The Technology

CommsLink addresses the bespoke requirements of film production, offering a robust and scalable communication solution.

CommsLink combines the performance of Riedel's Bolero belt-packs, an industry-standard in broadcast communications, with best in class network hardware and software to create a secure Remote Production environment, backed by CineArk's ArkLink outstanding technology, support and infrastructure.

How is this used on film sets?

There are many situations on-set where it would be valuable to be able to communicate to a specific department, but be able to listen to another channel simultaneously. For instance, you have to listen and talk to the camera department, but also need to listen to the AD channel all of the time: through CommsLink you can achieve this on a single headset.

Another example, if you are running a remote production and your director is not in the same geographical location as the splinter unit(s). Through CommsLink these remote units can be on the same radio / comms channels as the main unit and the director can communicate with the splinter units(s) seamlessly, whilst watching their remote uplink video!

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Talk to anyone, anywhere on any device
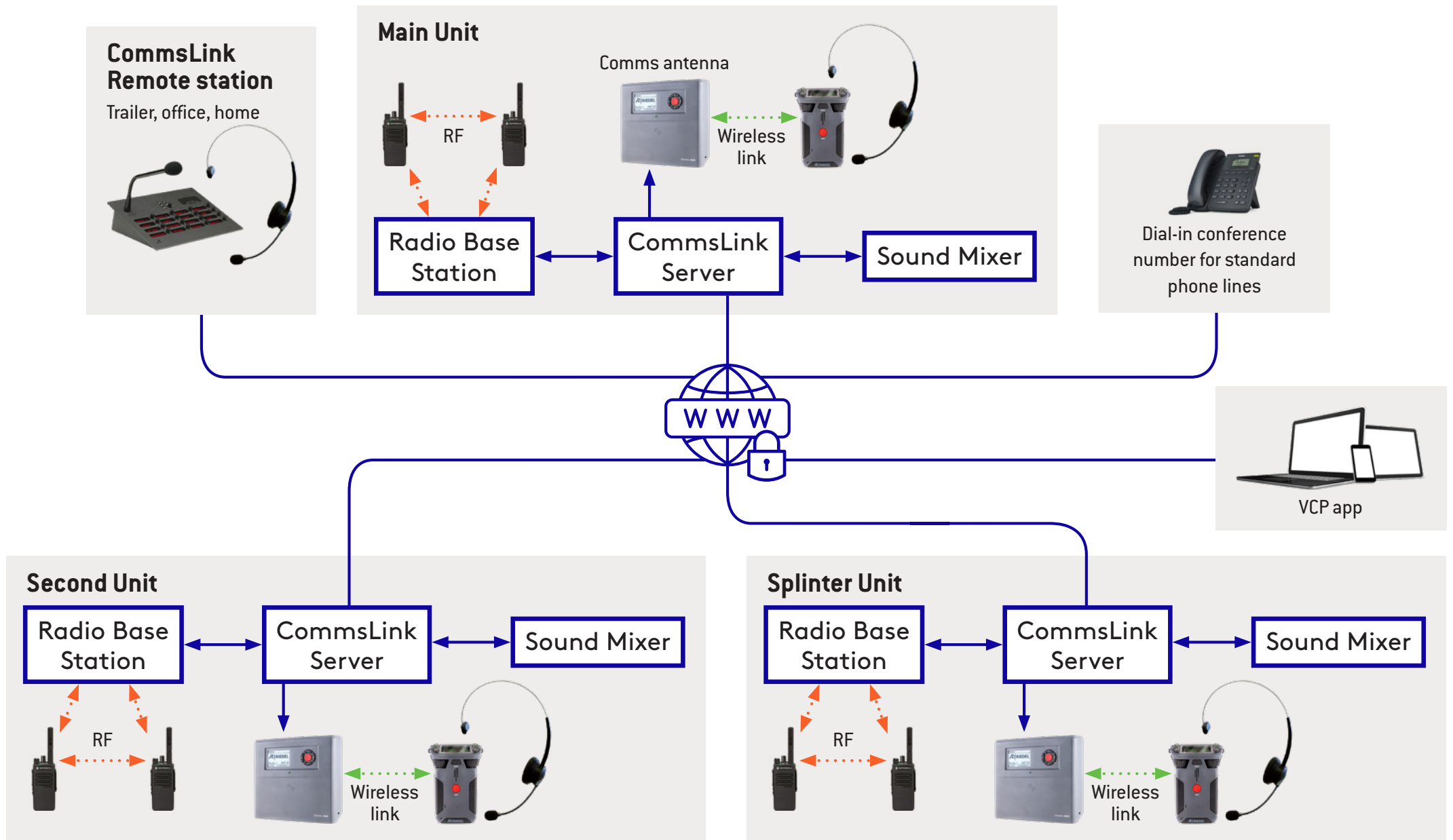
Example Comms-pack Configurations

Here are some examples of how different users' comms-packs could be configured on a set.

Key:
PTT: Push-To-Talk, enables communication to these users when button pushed
Freespeak talk (VOX): Open mic talking to these users (can be muted if required)

① 1st AD's comms pack
Default Listen: Radio channel 1+2, AD comms channel, Camera comms channel, Director comms channel
Freespeak talk (VOX): AD comms channel only
PTT Button 1: Director comms channel
PTT Button 2: Radio channel 1 (AD1)
PTT Button 3: Radio channel 2 (AD2)
PTT Button 4: Camera comms channel
PTT Button 5: Grips comms channel
PTT Button 6: DOP comms channel

② A Camera Operator's comms pack
Default listen: Camera comms channel and Grips comms channel
Freespeak talk (VOX): Camera and Grips comms channel
PTT Button 1: Radio channel 7 (camera)
PTT Button 2: Video comms channel
PTT Button 3: Radio channel 1 (AD1)
PTT Button 4: Director comms channel
PTT Button 5: Action vehicles comms channel
PTT Button 6: Sparks comms channel

③ Stunt Co-ordinator's comms pack
Default Listen: Stunt comms, Action-vehicles comms, Radio Channel 1
Freespeak talk (VOX): Off / Not required
PTT Button 1: Stunt comms channel
PTT Button 2: AD comms channel
PTT Button 3: Radio channel 1 (AD1)
PTT Button 4: SFX comms channel
PTT Button 5: Camera comms channel
PTT Button 6: Grips comms channel

④ Director's comms pack
Default Listen: Production sound (Actor's mics)
Freespeak talk (VOX): 1st AD, DOP, Camera Operator, Key Grip
PTT Button 1: Radio channel 1 (AD1)
PTT Button 2: AD comms channel
PTT Button 3: Camera comms channel
PTT Button 4: SFX comms channel
PTT Button 5: Stunts comms channel
PTT Button 6: Action-vehicles comms channel

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Hardware Options

Bolero Beltpack
- 250 beltpacks, 100m range
- Up to six full-duplex keys plus convenient REPLY button to last caller.

AIR - Ultra Light Professional Headset
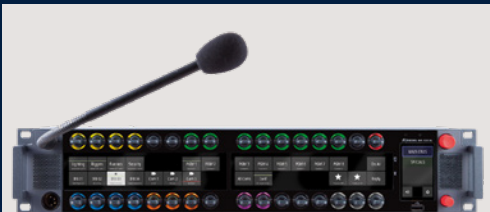- Ultra-lightweight, high-quality headset.

Pro - Closed Professional Headset
- Reliable, high-quality headsets for demanding intercom applications.

Bluetooth Headphones
- Bluetooth capable
- The bolero comms-pack can be used with any standard bluetooth headphones.

Talk Panel
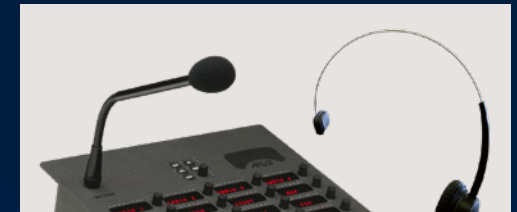- App-defined hardware: one panel, countless areas of application(s).

Virtual Panel
- Virtual panel meaning you can use any device, anywhere in the world and speak directly to any radio or comms channel on set.

Phoneline Interface
- Allows for dial in via a standard phone number e.g. production can call a number and be connected directly to the AD radio channel.

CommsLink Remote Station
- Physical microphone and headset remote station
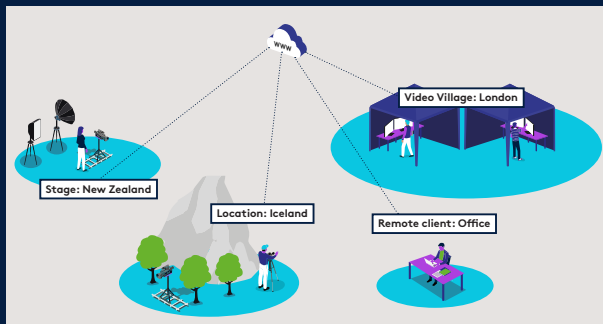- Can be deployed at a remote location e.g. a Trailer, office or house.

Other CineArk Services

ArkLink

Secure, cutting-edge remote production technology. Enabling crews to continue filming whilst being in geographically separated locations.

ArkLink Services

- Point to Point Streaming
- Remote Review
- Cloud Streaming
- IP Video
- Video Over Fibre

RF / Wireless Solutions

Fully managed RF solution for all scales of Production with cutting edge wireless, video and audio transmission systems. We supply RF planning, frequency management and Consultancy & RF on-set engineers.

Location Internet

Robust bonded cellular and satellite internet provision for demanding location environments.

Kit Rental

State-of-the-art film equipment, available to hire. Our knowledge and experience of the industry and strong links to leading manufacturers, allow us to tailor our kit hire packages to your individual needs and budgets.

Video, DIT and Data Services

Custom Video, DIT and Data Management packages tailored to your individual budget. Advanced workflow consultancy and management including ACES and HDR pipelines.

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About CineArk

CineArk has developed a reputation as a world class rental and services company supporting major motion pictures and high-end TV shows. We provide a range of bespoke rental equipment and specialist services.

Telephone

020 8756 0852

Email

info@cineark.net

Web

www.cineark.net

Some of our clients

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