

BFBS Case Study

CP Cases products ensure UK troops, deployed around the world, receive BFBS media services via the MiPlayer product



BFBS Media Innovation is part of BFBS, which provides broadcast and media services to the UK Armed Forces worldwide.

BFBS is a charity, committed to providing the UK military with a welcome part of ordinary life in extraordinary situations. Entertainment, news, sport and information services build morale by connecting those serving overseas to life back home - offering them a way to know what's going on in the world, share experiences and build communities.

A vital part of the serving military, BFBS has been keeping the UK Armed Forces connected and in touch with home for 75 years. Wherever they are in the world, whatever device they're on, BFBS solutions are proven in some of the most remote, physically tough terrains in the world.

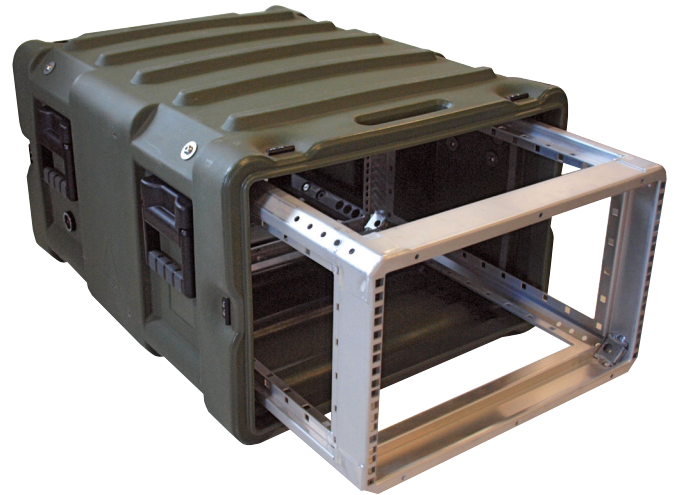
BFBS Media Innovation is constantly striving to create the best solutions to enable and enhance broadcast and communications, especially in extremely challenging environments, dealing with a multitude of legal systems, protocols and restrictions, which create lots of technical challenges.

The MiPlayer platform is specifically designed to deliver media to remote locations where internet and mobile phone signal solutions are not possible due to lack of connectivity and infrastructure, location or as a result of natural disaster or conflict.

One key challenge BFBS faced when deploying MiPlayer was to find a protective transport and storage case for the product, that could be used to safely deliver the technology to the deployment zone, and act as a storage location during its term when there. On the first MiPlayer installation in Morocco in 2016 it soon became apparent that day time temperatures in excess of, 40 degrees C and dust meant that the technology had to be switched off at midday to avoid overheating.

On reviewing the issues faced in Morocco, BFBS Delivery Engineer, Mick Stanyer, had no hesitation in recommending CP Cases products, as he had used them in a previous role. He knew that the range of Amazon 19" rackmount cases manufactured by CP Cases in the UK, have been tested and accredited to many demanding military handling standards (including Mil-Std 810) and would solve the transportation issues for the MiPlayer, keep the technology box cool in hot climates and offer additional functionality that would help ensure a successful installation.

“Ensuring that the MiPlayer technology can safely reach the MOD locations overseas, where our own research shows over 70% of troops on deployment greatly appreciate the media services it provides, meant we had to find a great partner to safely transport and house the equipment at the camps. CP Cases products have proved invaluable in ensuring when I arrive at a deployment overseas, I can get on with installing our technology to provide the camp with the media services that are in such great demand by the troops.”



“Other aspects of the CP Cases Amazon Rack cases which have proved really important to our MiPlayer product is the option for the EasyGlide Chassis Removal System. Having the capability to fully remove the 19" rackmount chassis from its protective enclosure is a great benefit when installing the system and routing cables for the first time.



The shock and vibration absorbing isolators inside the protective case ensures the MiPlayer system survives the rigours of military handling and provides free air circulation and climate control during operation”

CP Cases products were first used in the largest MiPlayer deployment to date, in Eastern Europe in 2017, where UK troops are supporting an ongoing NATO exercise, and the partnership between CP Cases and BFBS, continues to flourish to this day.