

Telecommunication Technology Transfer

Project Summary

Problem

Radio field communications is essential for the security and support of MSF operations; however, the current analog system is “legacy” technology that will become obsolete within the decade. A digital transition must happen to guarantee continued support to field operations.

Proposed Solution

Support MSF’s transition from analogue to digital radio technology, to improve the safety and security of field operations, by developing tools and training materials. Work with MSF technical and non-technical field staff to prepare the implementation and avoid a gap between the future needs and the market offerings.



Potential Impact

- Improves safety and security of MSF staff and operations through geo location/intrusion prevention
- Enables out-of-reach users to contact the VHF infrastructure through digital interoperability
- Future-proof MSF’s communication systems

Viability

- Leverages MSF’s intersectional telecom working group multi-year-implementation preparation for digital radio
- Incorporates a well aligned telecom approach

Risk Mitigation

- Consults with external experts in the field of expertise including vendors

Scalability

- Strong interest from all Operational Centers to apply digital telecommunication system
- Rapid transition/scale as the installed fleet is already prepared for digital communication

Area/Type: Operations/IT Improvement

Sponsor/Support: OCB

Length/Project Status: 12 months; **ONGOING**