

Single Data Entry – Phase 3

Project Summary

Problem

The **lack of visibility** in the MSF Supply chain limits its efficiency, with **long lead-times**, limited **inventory performance**, and limited collaboration between the actors. This poor data availability impact supply chain flexibility and agility, ultimately leading to possible **longer response time to emergencies**.

Proposed Solution

A **scanning and reading technology** integrated in a **mobile application** that will be collecting item information using 3 technologies: **QR Code**, **Data Matrices** and Optical Character Recognition (**OCR**) and integrated in all nodes of the international medical supply chain, **from European Supply Centers (ESCs) to field projects**.



Order reception



Stock counting



Order preparation

Potential Impact

Increase: visibility of field stock, traceability of items, accountability of teams' time.

Reduce: risk of fraud through rapid identification of stock discrepancies.

Viability

Aligns with OC Supply Chain strategic objectives and need to improve current state processes.

Involves key stakeholders and end-users from the field with various backgrounds and needs.

Risk Mitigation

Builds on key insights and lessons learned from previous feasibility study and proof of concept phase

Employs continuous user testing .

Scalability

Includes agreements with suppliers to ensure proprietary rights and economies of scale across the Movement.

Links solution to Unidata, UniField and SPINCO and future projects related to medical item management, with plan to be **compatible with other future MSF technologies and tools**.

Area/Type: Operations Improvement/Technology; Very-Large-Scale

Sponsor/Support: OCG Sponsor; OCA, OCB support

Length/Project Status: 4 years; **ONGOING**