Disaster Field Patient Journey Solution for Humanitarian Missions

Client

The world's largest humanitarian network with 190-members and nearly 14 million volunteers.

Business Challenges

The client wanted to replace its current paper-based solutions to facilitate the management of patients inside the health emergency response units and improve overall quality of care. They also wanted to provide rapid analysis of clinical data that would allow for surveillance and detection of potential outbreaks including a multi-platform mobile application that could be used in a disaster field situation.

Solution

Atos designed and implemented an Azure PaaS-based architecture to achieve the flexibility, scalability and security needed for the disaster field patient journey solution. Containerization technology enabled the application to be used even when the internet is not available or reliable, providing the quick reporting and flexible architecture needed to quicken processes and save lives.

Customer Benefits

Improved data collection, quicker process which ultimately saves lives

Unified and modularized application to support all national societies' needs and enables cross-nation operations

Quick reporting to WHO

Security and privacy by design

Flexible architecture to support different use cases and future needs

Offline-online data sync