

Developed a cloud-based Emergency Preparedness platform for an International Organization to enhance collaboration



Client's Business Need

- Provide a centralized cloud-based Emergency Preparedness Platform to all Country Offices (COs), Regional Offices (ROs), and Head Quarters (HQ) towards facing humanitarian crises.
- Provide quick access to emergency preparedness procedures and precedents as well as fulfill corporate commitments towards quality control and technical support across all the offices
- Harmonize the cloud-based solution with other enterprise systems to enhance collaboration



International Organization



Datamatics' Solution

Datamatics reviewed, recommended, and implemented the following collaboration solution:

- **Cloud-based integrated platform:** The team used latest cloud technology comprising .NET MVC, Angular JS, MS SharePoint online, and WebAPI to deliver a centralized web-based repository accessible to all stakeholders. It had the following characteristics:
 - o **User-friendly graphical user interface** to provide a seamless user experience
 - o **Separation of concerns** using technical design methodologies to provide high maintainability and scalability
 - o **Multiple Quality Control and Quality Assurance tools** to provide code standardization
 - o **Technology Best Practices** for resource optimization and seamless execution



Business Benefits

Rolled-out complex workflows for 120 countries with 25 different user roles

Cloud-based repository to assist in planning for human resources, assets, facilities, and tasks in order to deliver effective response to emergencies

Improved business efficiency and effectiveness with automation workflows by 70%

Balanced use of resources and assets

Improved scope for planning in different emergency situations

Optimal coordination between different organizations, stakeholders, and individuals

Improved mechanism for collaboration through uploading data and analyses on the cloud as well as viewing, monitoring, and analyzing the impact of different emergency situations