PILOG

For emergency assistance at the push of a button

The Pilog Group brings data doctors to your fingertips to turn unstructured and big data into quality master data and information. It does this through a data quality hub which is backed by machine learning and artificial intelligence to enable a user-friendly mobile app access.

Pilog uses the mobile SOS app to activate personal emergencies nationally through an intelligent Data Quality Hub that integrates specialised emergency services. This allows users to choose between armed response, medical, ambulance and roadside assistance, which could save a life while improving the efficiency of service providers with the SOS mobile App integrated with a Data Quality Hub.

Linked to the South African 2030 National Development Plan (NDP) Chapter 12 of building safer communities, Pilog started the innovation with the idea of making South Africa a safer place by integrating existing armed response providers into a network and enabling them.

According to the company: "In 2018 we recognised the progress and reality of NDP Chapter 12.

The innovation started with the idea of making South Africa a safer place by integrating existing armed response providers into a network and enabling them with technology."

"The core of the innovation was developed last year by integrating the mobile app with a Data Quality Hub, backed by sophisticated and automated processes, thereby extending personal safety and emergency services beyond residential boundaries and on a national basis. This included contracted ambulance services and selected roadside assistance nationally."

The company said that the innovation relieves client stress, as the SOS App assures users that help is available at the push of a button. Safety and medical emergency personnel are activated after the mobile app transmits the user details and GPS coordinates to the DQ Hub.

"The map location of the activator is displayed within the pre-allocated geographical zones, automatically tasking the required dispatches and escalations to the closest responders. If this does not happen within a few specified seconds or minutes, a national emergency response backed by helicopters is dispatched," Pilog said.

"In case of medical alert, the GPS and map information is automatically forwarded to the nearest emergency ambulance service. This includes the activator's details such as medical aid and other relevant information. The SOS App and Data Quality Hub is fully integrated with leading alarm monitoring systems, allowing pushed mobile notifications to dispatched emergency resources with real-time feedback."

This feedback is gathered statistically and used for machine learning and artificial intelligence expansion.

The SOS App and Data Quality Hub innovation now operates in Zimbabwe, Ghana and Botswana.