**Benefits:**

Our solution will benefit divers and encourage people to experience scuba diving by enhancing the safety method and reducing fatalities. With more accurate and real-time data about body nitrogen level, divers are equipped with the capability of making more appropriate decisions when surfacing or facing emergency. Divers will acquire more accurate safe-stop time to lease the nitrogen in their bodies and prevent the effects of decompression sickness and nitrogen narcosis. Thus, more people can enjoy themselves in recreational scuba diving with ensured safety. Beginners will be able to handle decompression sickness better, and experienced divers can plan and enjoy deep diving without worrying about nitrogen narcosis.