

# iTouch Wells Operation data visualization through GIS Mapping Software

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PDO

## Abstract

**Objective / Scope** In the highly volatile oil business market, it is very crucial to having information on fingertip, making informed decisions , visualization of the area where the task is been carried out, to know who owns and operates, liable route network adhering to the HSE policies and safety, availabilty of assets and resources thus helping the workforce to connect, collaborate and deliver the business KPIs seamlessly. Current ways of operating was the field resources have to navigate to different stand alone systems, offline data or maps, excels and data sources to sketch out the needed information which was time consuming, indecorous information, non availabilty of SME to validate and authenticate the data, information . Inorder to provide the required information through a digital platform which engage the data and present the data in visual, interactive way to our end users GIS Mapping Software Itouch project was embarked to visualize complex data set into simplified knowledge. iTouch paved the way to Accessing & Visualizing the Holistic data which transform the Key Insights on Business Operations into Knowledge Assets thus unleashing the Wisdom of Knowledge for sustainable growth & efficient value chain and support PDO Vision of digitalization.**Key Facts :** 1. The Project has been delivered and deployed successfully with Zero Cost Considering the NTSP.2. The needs of digitalization values such as Smart Planning, Reliable Technologies, Assets Performance management and Advanced Analytics has been achieved 3. GIS Mapping Software Wells Integration Project will be showcased as one of the Knowledge Awareness Session at Knowledge World by EVX5 thus raising PDO profile in community.4. Phase 1 of the project has received overwhelming response which seeded the initiation of Phase 2 with integration of DPT, IPT, Rig Move Sequence Advisory as part Digital Smart Operations.5 ICV: Ace digital offering trainings for students, interns through Knowledge Oman on Accessing & Visualizing the Holistic data which transform the Key Insights on Business Operations into Knowledge Assets thus unleashing the Wisdom of Knowledge for sustainable growth & efficient value chain. • Provides access to highly accurate, rich, and up-to-date location-related content and services, including built-in map matching, geocoding, routing, Pipeline, Hydrology, and Electrical Line and traffic data • Supports the development of world-class, location-centric applications • Establishes a secure and scalable marketplace that simplifies data exchange within the ecosystem and speeds up time to market • Allows users to manage their data visibility and control privacy and licensing • Provides critical information to maintain road safety and adhering PDO HSE road safety • Offers an environment to perform interactive data analysis and develop machine learning models