

Building a Virtual Data Room with IVAAP

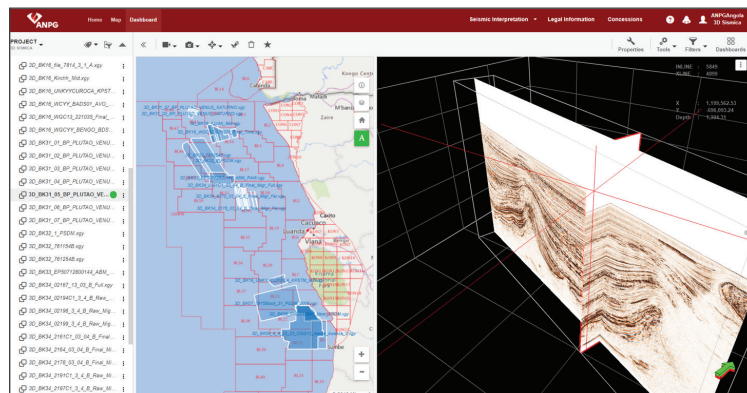
Business Need: From Challenge to Opportunity

As a leader in developing IT-based solutions to help their clients accelerate their digital transformation, SATEC, along with its Angolan partner MIAPIA, works with organizations like the Agência Nacional de Petróleo, Gás e Biocombustíveis or National Agency for Petroleum, Gas and Biofuels (ANPG) to modernize their processes. One of the main functions of ANPG—of block concession management—is to provide bidders with preliminary E&P information they use to assess the potential and requirements of any concession. However, with some of the documentation on paper and some digitized, and faced with the unique challenges of a global pandemic, ANPG needed a solution that would offer investors preliminary access to a predefined set of E&P data—remotely. To align with their digital transformation strategy, SATEC–MIAPIA and ANPG looked to a virtual data room to share documents and data.

Solution: Secure Virtual Data Room Leveraging IVAAP Cloud Platform

Partnering with INT empowered SATEC and MIAPIA to implement the Virtual Data Room (VDR), a cloud platform based on INT's IVAAP, quickly and easily. The platform allows secure, controlled access to E&P data managed by the Gabinete de Archivo de Datos (GAD), or the Data Management Department, of ANPG. The VDR supports the most important objects and formats in the sector (well logs, 2D and 3D seismic, trajectories, or lithology) through connectors to databases that store E&P information in the most common file formats: LAS, DLIS, SEG-Y, etc. It allows the visualization and research of these data on a GIS platform and access and preview of technical reports in PDF format.

Typically, some of the main concerns around migrating to a cloud solution involve data security and data governance. To address concerns around hosting data outside the territory, SATEC invited ANPG to their data center to assure ANPG that the conditions, both physical and logical, ensure the data and the app are secure.



<https://anpg.co.ao>

"ANPG is very pleased with the implementation of the Virtual Data Room solution, a strategic tool for the promotion of Angola's oil potential and the attraction of foreign investment, as well as the digital transformation of the organization itself."

Lúmen Sebastião
GAD Director, ANPG

Company Profile

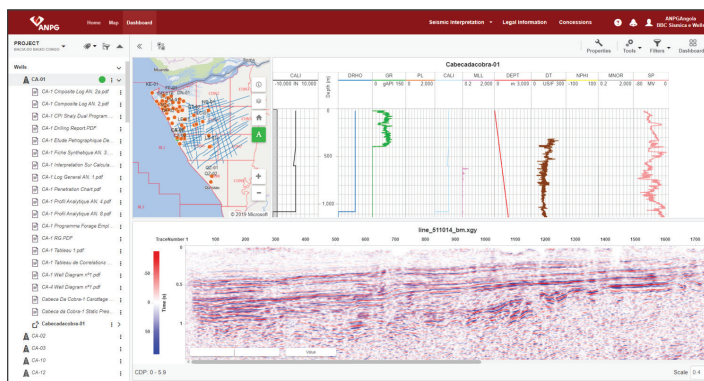
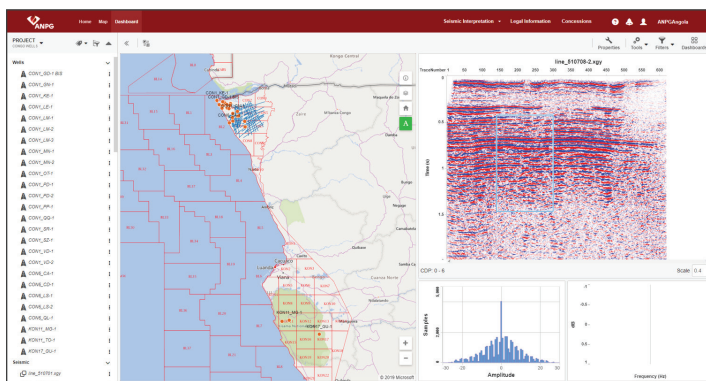
With more than 30 years of experience in the digitalization of telecommunications operators, public administrations, and the country's most important companies, SATEC aims to help clients make the best decision in a complex, constantly changing environment. SATEC develops Big Data Solutions, Artificial Intelligence, IoT, Blockchain, Virtual Reality/ Augmented Reality and GeoBI and works with organizations like the National Agency for Petroleum, Gas and Biofuels (ANPG) in Angola to accelerate their clients' digital transformation.

Managed by senior technicians with extensive professional experience in the area of E&P, MIAPIA is an Angolan company that provides specialized consulting services to ensure the transfer of knowledge to ANPG technicians in the process of institutional strengthening, as well as the promotion of local TI industry, education and talent.

Results: Digital Transformation of Data QC and Analysis

The Virtual Data Room of ANPG, powered by IVAAP, is fully implemented and operational, allowing users to access data of interest without having to travel to ANPG headquarters in Luanda (Angola). Interested parties can schedule VDR sessions through ANPG's website, and several major oil companies have already used the tool remotely. All were satisfied with its usability and functionality, praising its interface.

As of April 2022, the VDR supplies E&P data related to offshore blocks, Baixo Congo Basin and Kwanza Basin. A total of 20 VDR sessions have been held, with the participation of 15 companies. Furthermore, ANPG is participating in benchmarking activities, sharing with colleagues from other countries their experience with the VDR solution.



Project Background

The activity of Angola's oil industry began in 1910 with the issuance of the first extraction license, and intensified considerably in the 1950s and 1960s. In the 1970s, it became the country's main export, and in the 2000s, Angola became the leading producer in the sub-Saharan region, as well as an OPEC member. Today, oil remains the most important asset in the Angolan economy, with 25% of GDP in 2019 (after peaking at 55% in 2008).

In 2018, the Angolan government started a process focused on reorganizing the oil sector, starting with the creation of the National Oil, Gas and Biofuel's Agency (ANPG) in 2019 as one of the most important initiatives. With the mission to regulate, fiscalize, and promote the execution of extractive activities

on the domain of operations and bidding processes related to oil, gas, and biofuel, ANPG is responsible for the implementation of the National Strategy for the Attribution of Oil Concessions 2019–2025 and the Strategy for Hydrocarbons Exploration 2020–2025.

To that end, ANPG assumed the competencies of performing actions for the promotion of E&P data and biddings for the awarding of new oil concessions, as well as ensuring the creation and management of E&P digital databanks. Thus, one of the main functions of ANPG is to provide bidders with the information they need in order to assess the potential and requirements of any concession to be bidden.

About INT

Interactive Network Technologies, Inc. (INT), provides Data Visualization software using the latest technologies such as HTML5 and JavaScript to create cloud-enabled and mobile-responsive solutions and platforms for the leading oil & gas and service companies. Our expert visualization solutions offer unparalleled flexibility for both scientific industries and business, and our web-enabled display technologies empower best-in-class business applications for seismic acquisition, geoscience, well intelligence, drilling, production, asset management, and more.

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