SAMPLE PROJECTS

01. KIPIC - GIS Project

KIPIC
البترولية المتكاملة

CLIENT : Kuwait Integrated Petroleum Industries Company (KIPIC)
SECTOR : Oil & Gas
DURATION : 3 Years

PROJECT DESCRIPTION:

development of KIPIC facility management system and supporting KIPIC departments with the required GIS services.

including spatial analysis , data management , GIS software development , GIS Training and GIS technical support

02. Limak - 3D Scanning & Modelling

مطار الكويت الدولي
Kuwait International Airport

CLIENT : Kuwait international Airport
SECTOR : 3D Scanning & Modelling
DURATION : DONE

PROJECT DESCRIPTION:

3D Scanning & Modelling the Kuwait international Airport new passenger terminal II.

Vison has an agreement with Limak Inşaat Kuwait SPC to carry out the 3D Scanning of completed areas of the Kuwait International Airport New Passenger Terminal II to build as As-Built 3D model to be utilized.

Limak

VISION International
Geoinformatics & Engineering Services

SAMPLE PROJECTS

03. Kuwait Municipality Paracel Handover:

CLIENT : Kuwait Municipality
SECTOR : Government, Kuwait
DURATION : DONE

بلدية الكويت
Kuwait Municipality

PROJECT DESCRIPTION:

Vision succeeded to automate the delivery of lands to Kuwaiti citizens for Kuwait Municipality.

This was done depending on deferent technologies to reach the accuracy of the delivered coordinates of the parcels to less than 2mm and avoid the interaction of the human errors in the operation.

- The significant change was to move from the manual paper process to computer based process using Kuwait municipality VRS, Robotic Total stations, GPS and esri ArcGIS platform as Geographic information system in addition to custom made Geospatial solution to implement the full workflow.

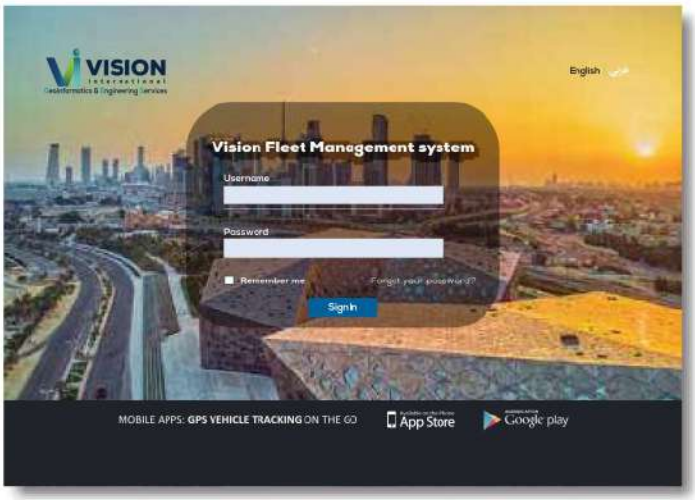
SAMPLE PROJECTS

04. FLEET MANAGEMENT SYSTEM

CLIENT : fleet tracking softwares
SECTOR : GPS
DURATION : DONE

PROJECT DESCRIPTION:

GPS Tracking & Fleet Management System



Our GPS Tracking & Fleet Management System has been proven to be one of the most advanced system that help businesses optimize their fleet's performance. Many vehicle managers see a huge difference in cost savings within days of purchasing our fleet tracking system. Gulf Axis adds a whole new element to GPS fleet tracking with specific Green features designed to reduce fuel consumption, Regain control, know where your vehicle is now, where it's been, where it's headed and how fast it is driven.

- The solution is made of hardware and software components that allows to monitor key vehicle activity parameters and provides means to control drivers. All information is accessible on our secure web based platform. Solution is designed for various sized business and can be applied to all types of transport. Solution has user Friendly web-based application used to monitor your Fleet, Drivers and Time at once customized to best suit your Business needs.

SAMPLE PROJECTS

05. KOC Samrt 3D Mode

CLIENT : Kuwait Oil Company KOC
SECTOR : Oil & Gas
DURATION : 6 Months

PROJECT DESCRIPTION:

Pilot project for a 3D laser scanning and 3D modelling for one of the KOC facility

this was developed and integrated with the internal asset management system, GIS systems and Electronic work order Platform used Trimble Laser scnner SX10, Trible Bussiness Center, Trimble Edgewise, AutoDesk Plant 3D and Bently Open Plant 3D. Scope of work is to design the Assets database for the assets included in the scope taking in consideration the network connectivity.

- Plan the integration with the working database based on the systems.

KOC 3D SMART MODEL

This is beside the project management systems used to monitor the implementation of the projects of the group (specially the costing and scheduling modules) to guarantee the fulfillment of the 4thD and 5thD of implementation. In addition,any available real time system to confirm the 6D for asset management and monitoring.

- preparation of detailed dataflow and workflow diagrams needed for integration.
- Determination of the temporal monitoring database elements and their relation with the point cloud.
- prepare the integration libraries and services as determinded in the first stage.
- Test the integration and outputs from other systems.
- Prepare and evaluation report for the whole pilot.

06. 3D Scanning and Proccessing

CLIENT : China Petroleum Engineering & Construction
SECTOR : Oil & Gas
DURATION : 2 Months

PROJECT DESCRIPTION:

3D Laser scanning for 3 of the KOC facilities for disposal water treatment WARA PROJECT in Kuwait Oil Company.

Project deliverable was in Point Cloud format processed using Aveva LFM server the project scope is to deliver high denistypoint

- cloud with bubbleview in AVEVA E3D format Technology implemented Trimble SX10 Laser Scanner, Trimble TX8 Laser scanner, Trimble Bussines Center and LFM server

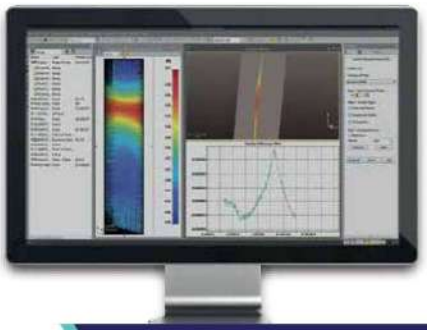
SAMPLE PROJECTS

07. KNPC Laser Scanning and Verticality Measurement

CLIENT : KNPC
SECTOR : Oil & Gas
DURATION : 2Months

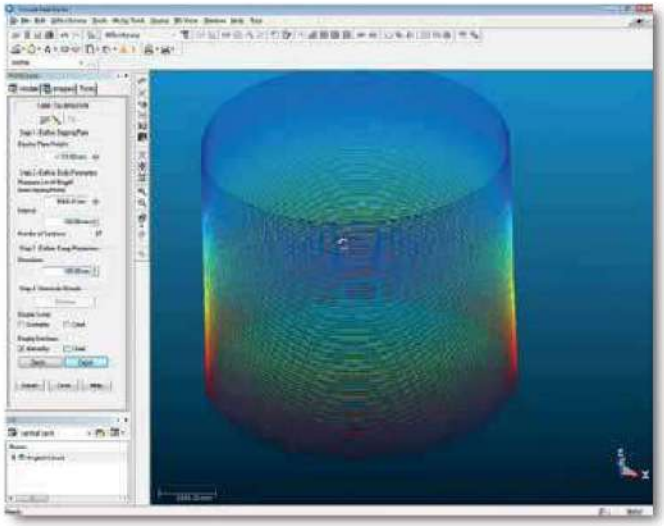
PROJECT DESCRIPTION:

the project was developed to capture the point cloud for one of the under construction facilites for KNPC.
The purpose is to develop a 3D scanning and perform verticality calculation for steel Structure



KNPC 3D LASER SCANNING

08. KNPC - 3D Laser scanning for Tanks Calibration



CLIENT : KNPC
SECTOR : Oil & Gas
DURATION : 1 Months

PROJECT DESCRIPTION:

3D laser scanners to capture very accurate, factual information i.
Captured data was then analyzed in the office to provide:

- Simple coordinates of objects
- Length measurements and diameters
- Angular or tilt information
- Shape information, such as roundness of objects
- Area/volume measurements
- Deformation, or change, in objects over time

09. Mobile 3D Scanning and Proccessing - Wafra project

PROJECT DESCRIPTION:

Using TRIMBLE MX2 MOBILE MAPPING
whic is a vehicle-mounted spatial imaging system which combines high resolution laser scanning and precise positioning to collect geo-referenced point clouds for the roads in wafra in addtion to the surroundings that includes terrain, power line transmission towers, conductors, and other possible artifacts.

MOBILE SCANNING