



CASE STUDY

Remote Data Acquisition System

Project Objective and Scope:

- The objective of this project was to capture strain data of all structural components at specific defined locations of client field equipment
- Upload of data to central server location with the help of GPRS/UMTS communication system
- Locally save the captured data to local storage in case of low or no wireless connectivity

XPT Team Contribution:

- Algorithm to capture the data from sensors and store on local Flash Memory
- Developed logic to upload the data to central server location with the help of GPRS/UMTS connection
- Development of Business Analytics application on central server for intelligent processing of the data

Project Benefits:

- Real time usage tracking of remote location based equipment
- Insights on the usage of product
- Help in development of new business models