



AMPLEX





PROJECT BRIEF

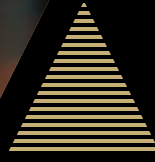
ITCube has developed the meter installation management system. ITCube has architected, designed, developed and delivered a robust solution in SharePoint Online 2013.

The new solution which was developed using agile methodology under the stringent time constraints and fixed cost price.



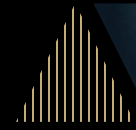
BUSINESS PROBLEM

Customer holds a project with one of their government clients for tracking and managing their meter installations. On a monthly basis Client receives maximum of 5000 meters replacement request in a work order in an excel sheet format. And Client holds an SLA to complete the replacement job within 30 days with additional 10 days as grace period. Client is charged with a penalty from 41st day onwards for pending meter replacements. Hence completing the work on time and updating the work completion time real time from point of performance is highly critical for Client. Managing monthly order of 5000 meters through excel was a tedious job and mostly tracking pending tasks became very difficult for client.



REQUIREMENTS

- Multiple access levels
- Responsive web application.
- Upload work order in excel format
- Generate different reports
- Search capability to find and filter records both from web application on desktop as well as mobile.
- Capability to attach different file formats.
- Capability to export / download data in excel
- Barcode scanning capability from mobile devices compatible for scanning.
- Photo upload capability from mobile device
- Meter GPS locations to be marked on Bing Map.
- Improve UX and intuitive design



BUSINESS BENEFITS

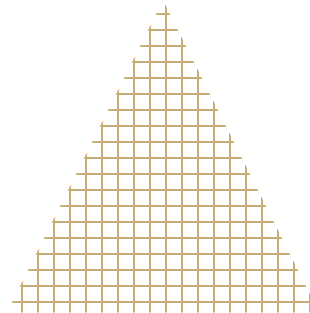
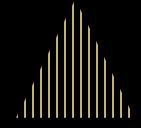
- Real time work order completion data capture from point of performance
- Completely automated system from point of initiation to completion
- Up-to-date and as-is view of the work order progress for client
- Tracking and managing data as well as retrieving historical records efficiently
- System will help in maintaining data accuracy
- Build up location database of meters replaced for future use
- Improved user experience and navigation
- Improved visual experience of user interface

BUSINESS SOLUTION

ITCube delivered the project on record time of 2 months. There were weekly demo and feedback and finally the application was delivered with great precision.

The salient feature of the applications:

- Mobile and desktop Browser support
- Upload bulk meter records from excel to SharePoint List
- Meter Bar code scanning using mobile camera
- GPS Current Location capturing using mobile or desktop devices
- Handled bulk data for display, download, filter, indexing
- Dashboard to track work progress monthly, weekly, daily.
- Dashboard to track overdue replacement task to avoid penalties.
- Dashboard represented as bar chart and pie chart
- Meter locations shown as Location marker on Bing Map
- Provided Calendar views, screens to manage Master Data / Groups/ permissions across the application
- Each Technician updates their own tasks daily
- Saves a lot of time of supervisor, from manual task management





▶ TAKEAWAYS

- Gained customer confidence and appreciation
- ITCube design approach to work closely with client for design validations, approvals ensured on time deliveries as per schedule.
- Improved learning capabilities & upskilling
- Better communication and effective teamwork
- Improved user experience delivered which turns into high ROI for customer

