



The Client

The client is the India's largest private sector company and the first telecom operator to hold pan India Unified License for 4G. They are determined in enhancing and automating their construction process by giving proper training to their vendor. The client is focused to provide reliable (4th generation) high speed internet connectivity, rich communication services and various digital services on pan India basis in key domains such as education, healthcare, security, financial services, government citizen interfaces and entertainment.



Business Challenges

- Tedious manual processes of tracking and management of the whole construction process
- Automated system to monitor and manage the construction process for their 4G project in every subsidiary of India



Areas of Engagement

- Route/Section with the Contractor
- Work Order based on Landmark
- Construction progress
- Material management
- Resource planning
- Alerts and notifications
- MIS Reports

Technology Used

Web Application

- ASP.NET 4.0
- Visual Studio 2010
- .NET Framework 4.0
- JavaScript
- SQL server 2008
- SSRS

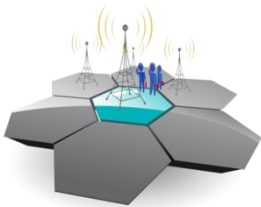
Engagement Brief


Webdunia built a competent solution to manage all client's requirements with functionalities like:

- Route/Section with the Contractor, Work Order based on Landmark
- Construction progress in the stretch of 1KM/500Mtrs/20Mtrs for various construction steps like Ducting, Blowing, Splicing and others
- Material Management and alert if material in stock is less than required
- Manpower and Resource Planning
- Facility Deployment Tracker (Civil and Electrical Construction)
- SEB DN Creation, Approval and Payment Process
- Construction Planning to track length of each kilometer including, railway, bridge and road crossings
- Facility Management to track construction of each facility as per different steps including demand note creation, approval and its payments
- Proper Approval flow for various business activities
- Auto generated alerts and notifications at various
- Online ITP Sheets
- Alerts and Notifications
- Consolidated Report through Notification with given frequency
- Search and MIS Reports
- Role based login

Business Benefits

- Easy project management and tracking
- Reliable process flows with subsidiary and access management
- Secured network management by permissions definition to track construction progress for every kilometer
- Centralized management with systematic approval flows for every function and activity
- Progress reports and graphics to analyze project





INFOCOMM INFRASTRUCTURE MANAGEMENT SOLUTION (IIMS)

PROTRAK - OSP INTRACITY CONSTRUCTION TRACKER

Welcome Nishant

Home

Logout

Master	Contractor and WO Update	ROW Permission	OSP Const Planning	OSP Const Progress	OSP Construction Completion
Facility Const Update	Query Resolution	MIS Report			


ITP Summary

ITP Summary

Link Search: Gujarat Link > Gujarat Route1

Select City:

Open Trench (OT)						Horizontal/Directional Drilling (HDD)						
Sr. No.	Length Type	OT Trenching (Form 30)	OT Duct Laying (Form 31)	Rail/Road Crossing (Form 34)	Bridge Crossing (Form 36)	Splice Joint Chambers (Form 33)	Sr. No.	Length Type	HDD (Form 001)	Rail/Road Crossing (Form 34)	Bridge Crossing (Form 36)	Splice Joint Chambers (Form 33)
1	Start LMC	MP30_Gujarat Route1_1	MP31_Gujarat Route1_1	MP34_Gujarat Route1_1		MP33_Gujarat Route1_1	1	Start LMC				
2	Start LMC	MP30_Gujarat Route1_2	MP31_Gujarat Route1_2				2	Start LMC				
3	Route	MP30_Gujarat Route1_3	MP31_Gujarat Route1_3				3	Route Length				
								Route	MP41_Gujarat	MP34_Gujarat	MP36_Gujarat	MP33_Gujarat



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Master	OSP Const Planning	OSP Const Progress	OSP Construction Completion	Facility Const Update	Query Resolution
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Awaiting Task

Awaiting Facility Construction Progress Update:

Facility Name	Facility Type	RAG State	City	Pending Activity Completion
MP34GUV1	AG2	Madhya Pradesh	Gadarwara	Scope

Awaiting SEB DN Approval:

SEB DN No.	SEB DN Reference No.	Authority Name	RAG State	City	Total SEB DN Amount (Rs.)
MP_GDRW_SEBON_2	qwe	qwe	Madhya Pradesh	Gadarwara	1000.00

Awaiting SEB DN Payment:

SEB DN No.	SEB DN Reference No.	Authority Name	RAG State	City	Total SEB DN Amount (Rs.)	Approved On
MP_BHPL_SEBON_2	seb101	raj	Madhya Pradesh	Bhopal	1255.00	21-01-2014

Awaiting Query Resolution:

About Webdunia

Webdunia, is a CMMI Level 3, localization and software solutions provider to businesses across the world. With over 15 years in the industry, we deliver industry-led localization, translation, multilingual content management, and software solutions and services to address specific needs of particular business requirements. We have a proven delivery record of offering high quality solutions to help our clients excel globally on any technology platform.