

INDUSTRY TELECOMMUNICATIONS

REGION UNITED STATES OF AMERICA



CLIENT PROFILE

Based out of US, our client is a leading manufacturer for a wide variety of transmission, distribution, substation, OEM and telecommunications' products used by various utility industries across the globe.

BUSINESS PERSPECTIVE

Possibilities were looked into providing a cost effective way to facilitate access of power equipment data on the fields using smartphones/tablets on the fly with no or minimum change in the existing hardware. Additional support was sought to rewrite client's current applications to enhance quality and capacity with new technologies like C# and .Net.

SCOPE OF ENGAGEMENT

Strategize connectivity solutions depending on factors such as hardware, deployed location of the power equipment and application development on various OS platforms like iOS, Android and Windows.

OUR APPROACH

Providing connectivity solution for communication between desktop machines/smartphones and Client's power equipment along with application design and development, including :

- Complete UI lay outing for various form factors and smartphones
- Complete UI asset generation for the UI implementation
- Accessing the power equipment in the filed via ADHOC network thus eliminating the need to have an enterprise network
- Remote access to power equipment via Cell Modem connectivity over TCP/IP. Connection is established over VPN connection from remote location.
- Architecting design solution for the communication model between power equipment and smartphones
- Development of applications with the appropriate design
- Test case development and System testing
- Overall planning and tracking activities

TOOLS & TECHNOLOGIES

S/W Platform:
Android 1.6 to 2.3, IOS, C#,.Net, Windows, Wi-Fi, Cell-Modem via VPN connection

L&T TECHNOLOGY SERVICES IMPACT

Communication model proposed by us helped them reduce their cost and efforts by eliminating the need of laptops, desktop machines and reducing the turnover time taken to handle field issues.

FINAL RESULT

Communication model proposed to the client helped them reduce their cost and efforts by eliminating the need for laptops, desktop machines and reducing the turnover time taken to handle field issues. We gained enormous confidence from the client through our performance standards.

ABOUT TELECOM

We have a proven record of developing, deploying and managing telecom technologies, products, applications and platforms for renowned telecom players across the globe. Our services range from product conceptualization to sustenance, with strong focus on wireless technologies through ready skills and experience across the Telecom software spectrum. We support Strong Project Management expertise in the areas of chip design, hardware design, firmware, software and middleware engineering applications and content, all the way from design, development and deployment. We also provide system integration and interoperability, managed services, end to end testing, maintenance for network infrastructure, mobile devices and VAS platforms.

ABOUT L&T TECHNOLOGY SERVICES

L&T Technology Services is a wholly owned subsidiary of Larsen & Toubro with focus in the engineering services space, partnering with many of the Fortune 500 companies globally. It offers design and development solutions throughout the entire product development chain across various industries such as Industrial Products, Medical Devices, Transportation, Telecom and Hi-tech and Process Engineering. The company also offers solutions in the areas of Mechanical engineering Services, Embedded Systems Services, Product Lifecycle Management (PLM), Engineering Analytics, Power Electronics, M2M and the Internet of Things (IoT)

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