



## PRODUCT ENGINEERING SERVICES

### WIPRO TEAM HELPED IN DEVELOPMENT OF THE NEXT GENERATION DRUG DELIVERY SYSTEM

#### PROJECT DETAILS

The client was involved in the development of their next generation drug infusion pump and was looking for a partner with proven expertise in independent verification and validation of medical devices. This project involved extensive interaction with the customer at their US facility and our offshore team in India.



## Medical Devices

#### CLIENT

A world leading drug delivery system manufacturing company in the US

#### THE CHALLENGE



The client required independent verification and validation done for a Class II medical device in reduced times.

A major imperative was to launch the first version of the product in market in the shortest time-span possible with no hurdles from the regulatory approval perspective.

The client was seeking an experienced partner who could facilitate development of next generation product and take complete product ownership over a period of time.

## HOW WIPRO HELPED



Wipro undertook entire responsibility for independent verification and validation for the infusion pump.

The complete set up including the product was installed in Wipro lab.

Testing was done with the help of test harness with additional hardware being set up for automated testing using PC

The entirely new way of testing dramatically improved the productivity of the test team and also increased the accuracy of test cases

Along with independent verification and validation for the first version of the device, the software and hardware development for the next version was initiated.

Wipro undertook entire feature enhancement, testing activities for the product.

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## BUSINESS BENEFITS



Reduced Time to Market - Utilizing the innovative automated testing the entire IV&V was done in reduced times to enable time to market advantage

Regulatory Approval - Wipro facilitated the regulatory approval of the product supporting with proper documentation and submission requirement

Cost Savings - Employing the offshore model for IV&V the client was able to get immense cost advantage

Support for next generation product - With in-depth understanding of the existing product, Wipro provided hardware and software solutions to the client for the next generation of product line

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**For further Information, please contact: [medical.devices@wipro.com](mailto:medical.devices@wipro.com)**

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