

DHAARA SMART

ULTRASONIC WATER FLOW METER

Applications

- ▶ Ground water extraction as per CGWA 2020 guidelines
- ▶ Water treatment plants , RO plants , Rainwater Harvesting , STP
- ▶ Water distribution within the industrial / commercial / residential units
- ▶ Rural water supply schemes , Municipal water distribution
- ▶ Irrigation & Agriculture



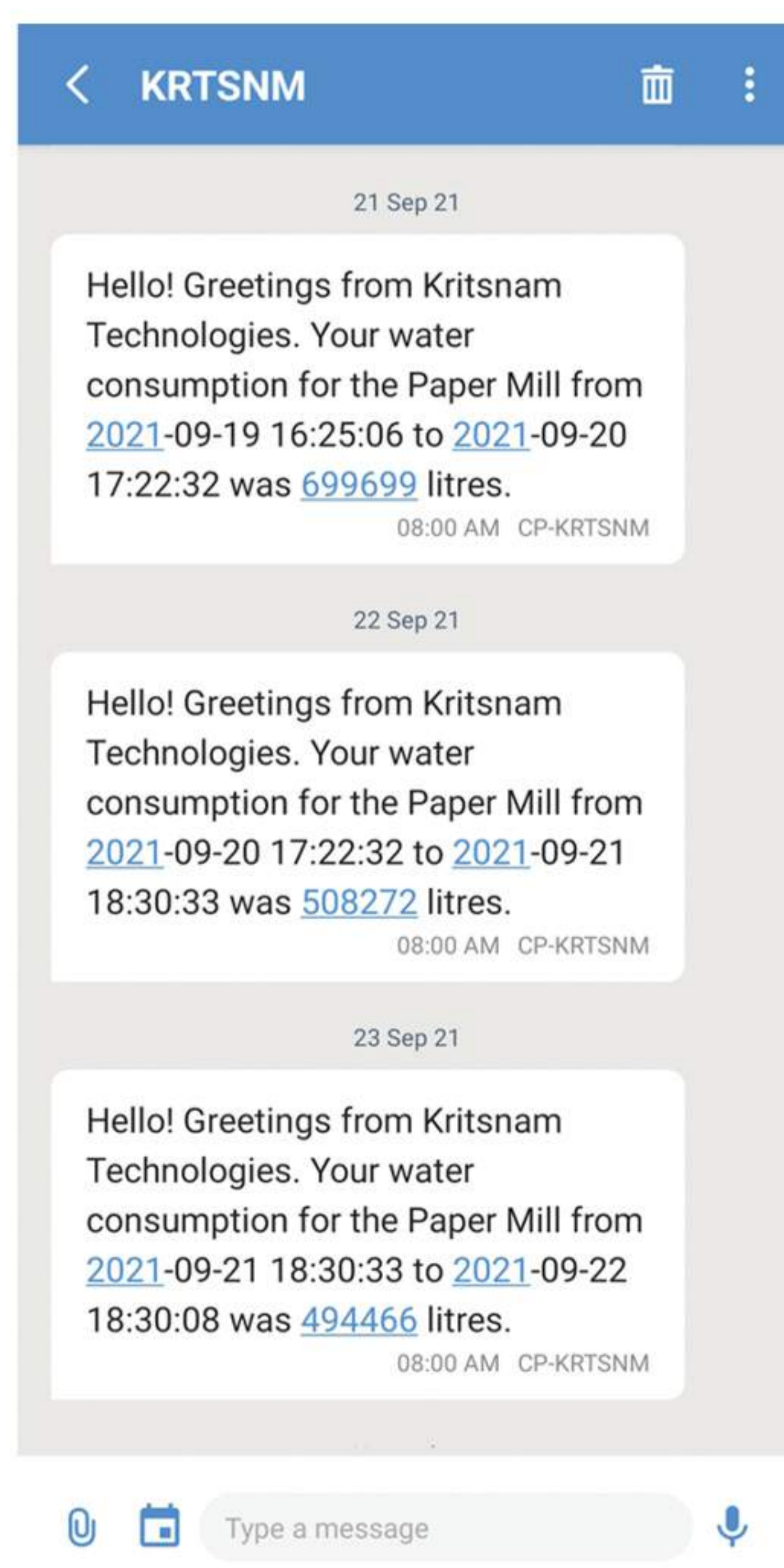
Key Features

- ▶ No moving parts - Ultrasonic Transit Time Principle
- ▶ Plug & Play device - Fully battery operated
- ▶ Data at your fingertips - Inbuilt GPRS/3G telemetry
- ▶ Certified from FCRI, Govt. NABL laboratory
- ▶ Real-time data on Web & Mobile applications
- ▶ Alerts and notifications via SMS & Emails
- ▶ Integration with third party applications using web APIs

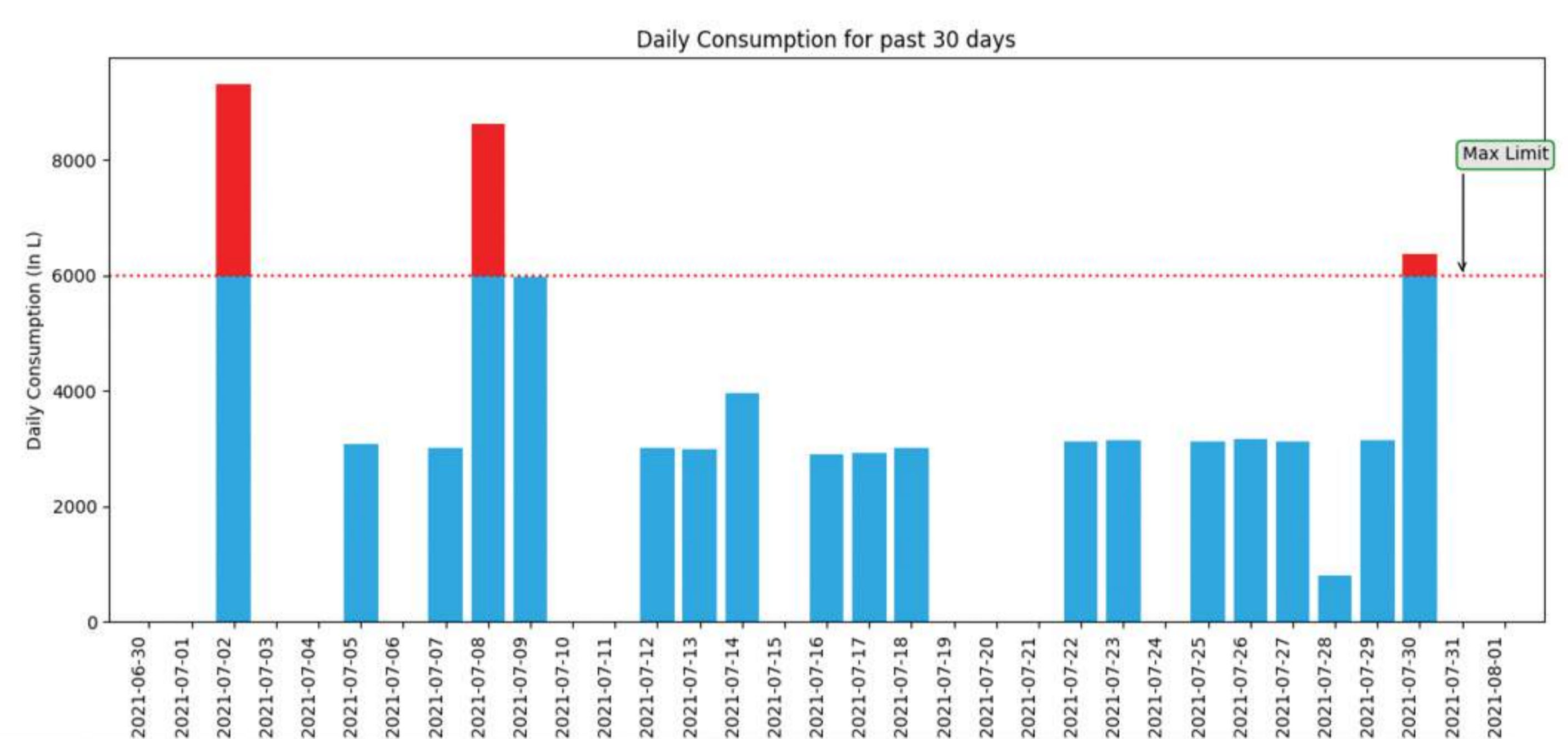
Specifications

Diameter	DN25/1"	DN40/1.5"	DN50/2"	DN65/2.5"	DN80/3"	DN100/4"	DN125/5"	DN150/6"	DN200/8"
Maximum Flow Rate m3/hr (Q3)	6.3	16	25	40	63	100	160	250	400
Q3/Q1 (R)	200								
Metering Technology	Ultrasonic Transit Time								
Power Source	2D Size Li Batteries								
Battery Life	3 years (With transmission every 12 hours)								
Communication	Inbuilt GPRS/3G								
Display Parameters	LCD display with: Cumulative Flow, Tamper Indication, Device Name, Trip Indication, Forward and Reverse Flow Rate, Forward and Reverse Cumulative Flow, Battery Life, GPRS Network Strength								
Certification	ISO 4064: 2014								
Accuracy	+/- 2% for the operating range (from 10% to 100% of maximum flow rate)								
Materials	Cast Iron Casing & ABS Enclosure								
Protection	IP 68								
Data Transmission	Every 12 hours by default (Customizable over the air as per the customer needs)								
Data Storage	MeitY empanelled secured cloud server								
Data Access	Private access through Web & Mobile applications, SMS & E-mail								

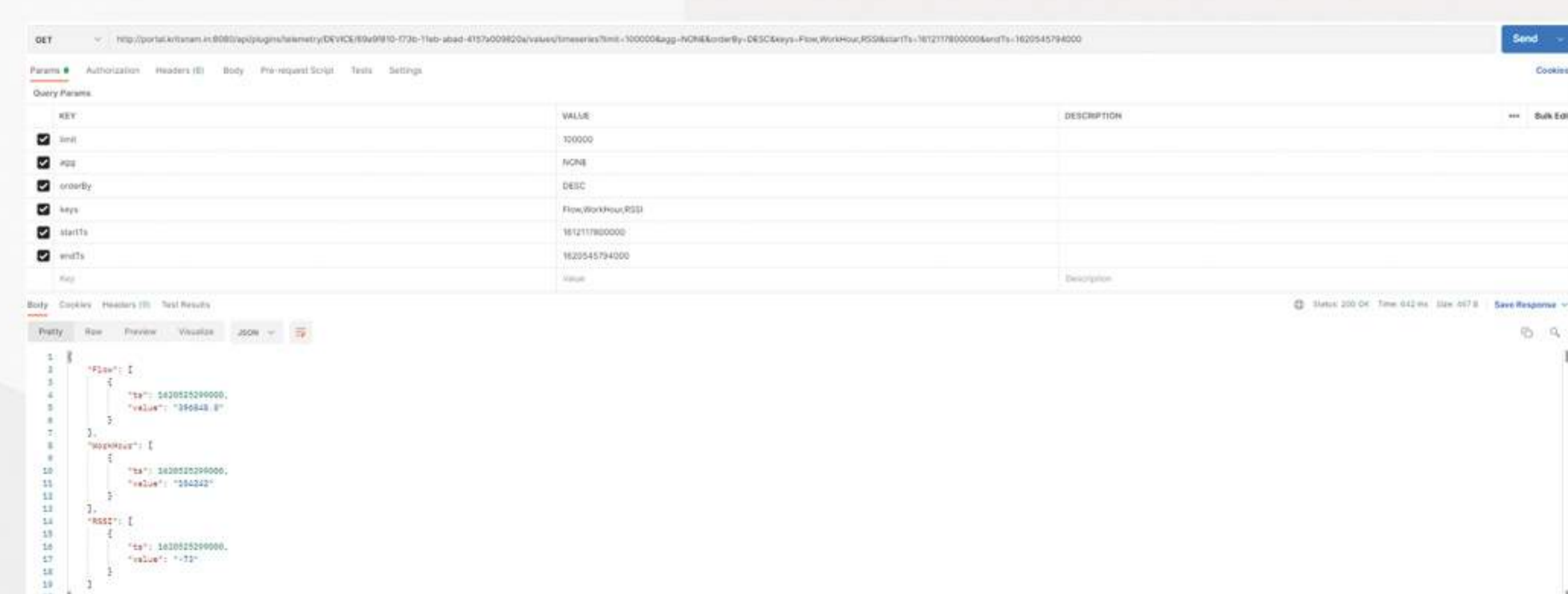
Data Analytics , Reports and Notifications



Reports at fingertips - SMS



Dashboard with graphs



Integration with ERP and other dashboards

Our Happy Customers



About Us

- Award winning company graduated from IIT Kanpur
- Technology built and commercialised by IIT Kanpur alumni & faculty
- Core strength in Hydraulics , Instrumentation and Data Analytics
- ISO 9001: 2015 certified company

Our Supporters



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