

SANCHUAN'S CASE



YINGTAN SMART WATER PROJECT, CHINA

Sanchuan deployed NB-IoT smart meters (189,000 units) and intelligent water services in Yingtan, serving 1.14 million residents. The project enhanced digital billing, precise leakage control, and grid efficiency. Smart meter coverage increased from 700,000 to 3.83 million units, reducing leakage from 20% to 8.5% and non-revenue water from 18% to 8.1%. User satisfaction improved from 80% to 99.5%.

189,000

Sanchuan deployed NB-IoT smart meters and intelligent water services.





SHENYANG SMART METERING UPGRADE

In Liaoning Province, Sanchuan supplied 335,000 NB-IoT meters to optimize water management. The project improved leakage detection, billing accuracy, and customer service. Leakage rate dropped from 14.72% to 8.49%; complaint volume fell from 600 to 230; billing success rose to 99.5%. Intelligent management and dynamic data analysis were also introduced.

335,000

Sanchuan supplied NB-IoT meters.



TIANJIN METER REPLACEMENT PROGRAM

Sanchuan provided 1.9 million NB-IoT smart meters for Tianjin, targeting 13.64 million residents. Smart coverage rose from 18 to 400 million units. Leakage reduced from 40% to 9.2%, and annual water use from 59.5 to 66.7 billion m³. Customer satisfaction and billing success reached 99.9%.

1.9 Million

Sanchuan provided NB-IoT smart meters.



SHANGHAI SMART METER RETROFIT

Shanghai upgraded 580,000 water meters to NB-IoT smart meters. The initiative improved metering accuracy and user service. Leakage rate dropped from 11.13% to 7.4%, and complaint cases fell from 1852 to 680. Coverage increased from 470,000 to 1 million units, with billing success reaching 99.9%.

580,000

Shanghai upgraded water meters to NB-IoT smart meters.



BEIJING WATER INTELLIGENCE PROJECT

For a user base of 21.83 million, Sanchuan delivered 800,000 NB-IoT meters. The project reduced leakage from 9.2% to 6.3%, and non-revenue water from 10% to 7%. Complaint cases decreased from 1700 to 430, and user satisfaction exceeded 99.9%. Smart water coverage rose from 130 to 440 million units.

800,000

Sanchuan delivered NB-IoT meters.