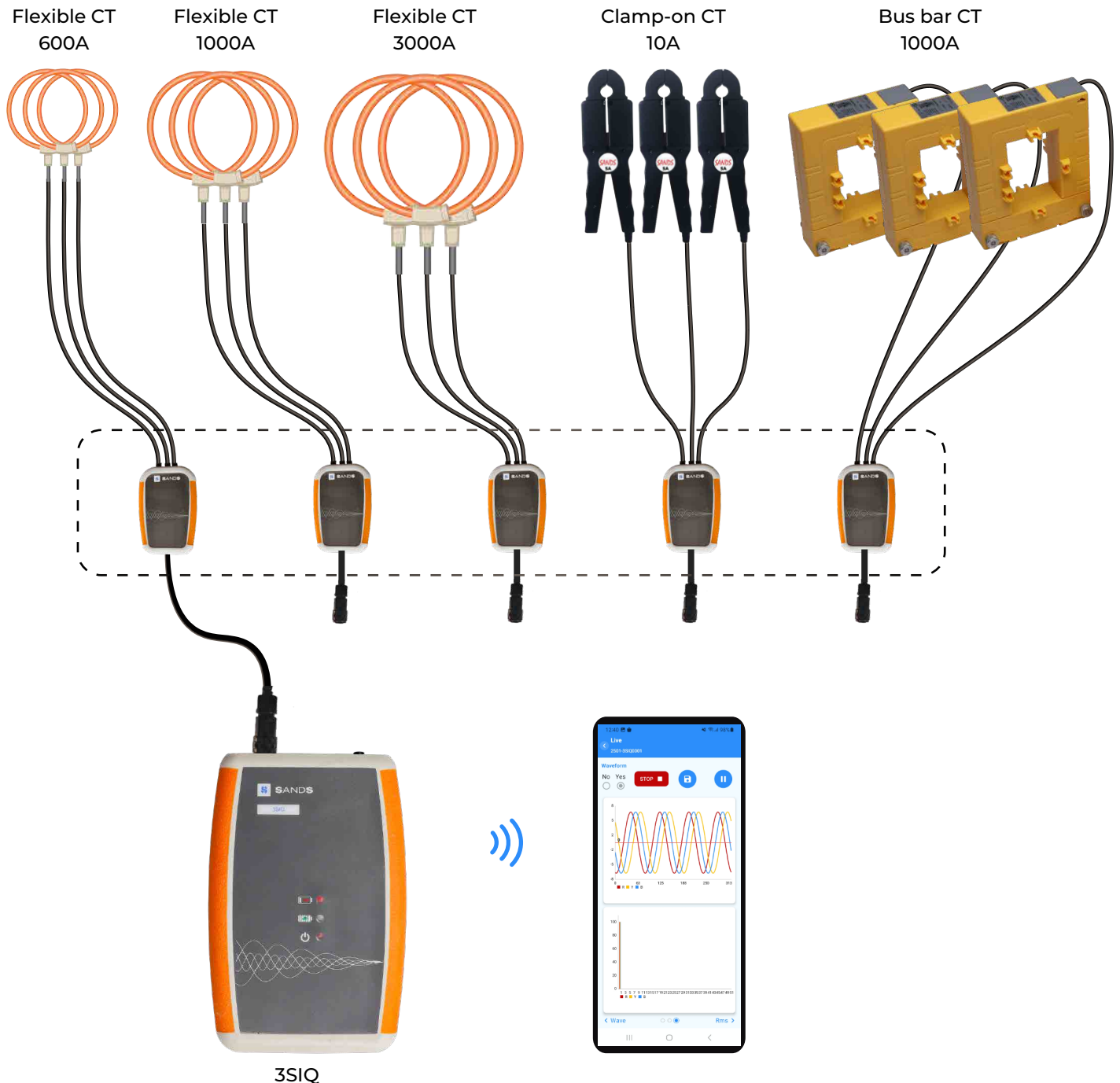


# Wireless Current Quality Analyzer

## 3SIQ

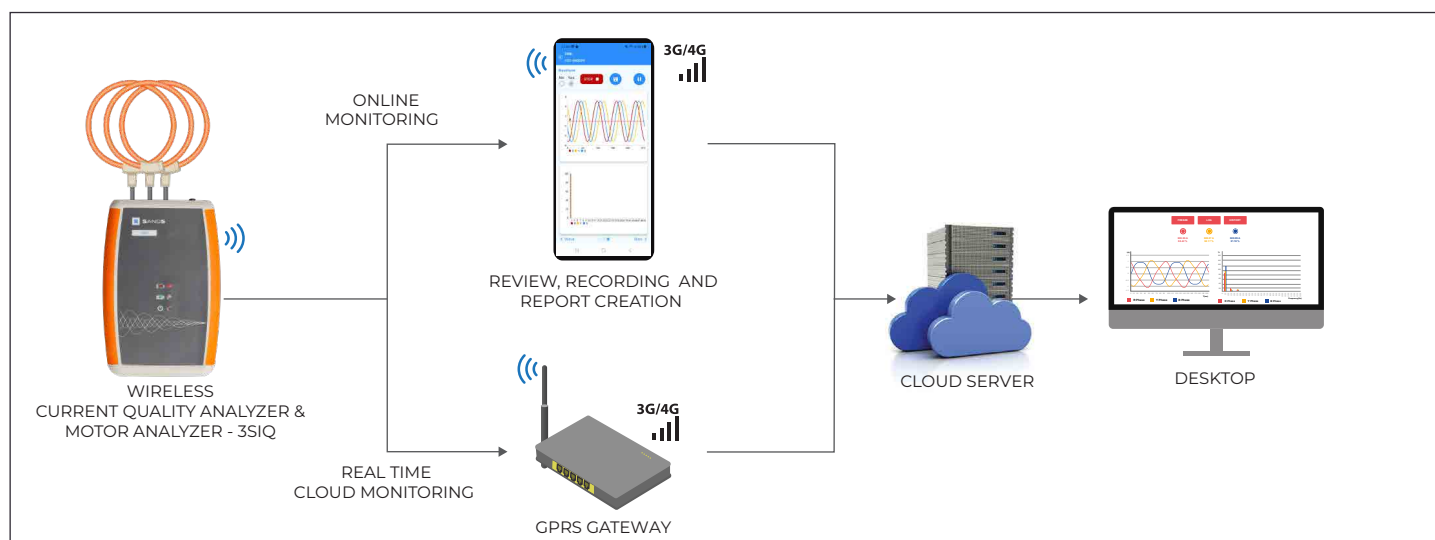


3SIQ enables current quality analysis using wireless technology and thus allows operators to work from a safe distance. This Industry 4.0 and ISO 50001 Condition-based monitoring solution seamlessly combines the flexibility of using any smartphone or tablet to collect accurate current quality data aiding predictive maintenance, making the maintenance engineers' life safer and smarter.

## FEATURES

- Flexible current sensor
- Real-time measurements
- Wireless interface
- Cloud-based data storage
- WiFi-based communication

## ARCHITECTURE



## SPECIFICATIONS

Current Range	3-Phase Clamp CTs with 13 mm dia for max 10 A
	3-Phase Flexible Current Coil with 60 mm dia for max 600 A
	3-Phase Flexible Current Coils with 100 mm dia for max 10600 A
	3-Phase Flexible Current Coils with 250 mm dia for max 3000 A
	3-Phase Split-Core CT for Busbars with max 1000A
Minimum current	1% of maximum current
Harmonic FFT Analysis	Upto 51st Harmonic
Frequency	50 / 60 Hz
Accuracy	1%
Communication	WiFi with range of 30 meters

Mobile Application	RMS, THD, Waveform and Harmonic Distortion with zoom options
	Data storage and connect to PC
Battery	Rechargeable Li-ion battery with 24 hours of continuous operation
Sensor control & indicators	Power indicator
Communication	Power on/off button
Communication	Low/Full charge battery indication
Operating Temperature	-10 °C to 70 °C
Storage Temperature	-40 °C to 60 °C
Dimension of sensor module	75 x 50 x 18 (L x W x H in mm)
Dimension of processor and communication module	75 x 50 x 18 (L x W x H in mm)

**SIGNALS & SYSTEMS (INDIA) PRIVATE LIMITED**

**Toll-Free:** 18005729705 | **+91** 8056020558 | **Email:** sales@sandsindia.com | **Web:** www.sandsindia.com