

SMART MONITORING

ETEL's smart monitoring solutions help networks understand the loading of their transformer assets and enables them to locate outages and problems quickly, which means less downtime for the customer.

Smart monitoring will also help prepare networks for electric vehicles and rooftop solar by detecting power quality problems before it becomes an issue for the end user.

Monitoring and ETEL's data driven approach prevents unnecessary network augmentation, and permits the owner to focus on the parts under stress.

ETEL CAN SUPPORT NETWORKS TO UNDERSTAND AND INTERPRET THEIR DATA.

Contact us for all your transformer requirements.

KEY OPTIONS

- Oil and winding temperature indicators
- Electrical measurements from a monitor mounted on LV: voltage, current, power, power factor, voltage and current harmonics, positive, negative and zero sequence components, phase angles, frequency, neutral current, waveform, capture and power quality
- Direct winding temperature measurements using state of the art fibre optic systems.

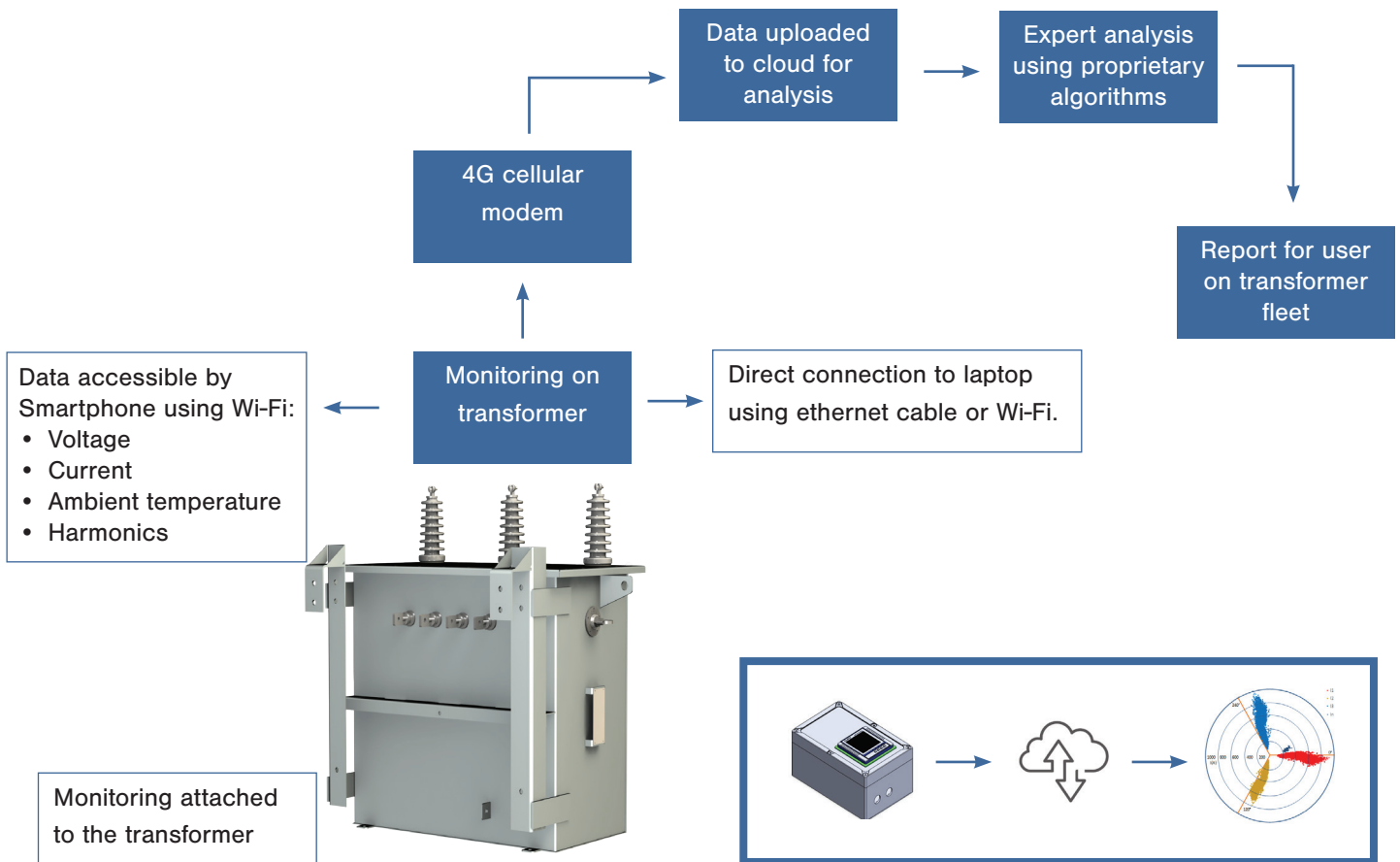
COMMUNICATION EXAMPLES

- 4G cellular router allows easy implementation into networks.
- Analog 4-20 mA output or RS485 to local monitoring system.
- MODBUS or DNP3 to RTU
- SCADA and IEC61850

ETEL's CLOUD MONITORING



ETEL's cloud monitoring service helps the user make better decisions around planning and managing networks. ETEL will monitor the transformer and provide a report on usage.



ETEL LIMITED

ETEL Limited is New Zealand's largest transformer manufacturing company, specialising in the design and manufacture of distribution transformers.

With a six plant manufacturing facility in Auckland, operational facilities in Melbourne and Perth, and a manufacturing plant in Jakarta, ETEL is able to produce a full range of distribution transformers, from a capacity of 15kVA up to 4.5MVA in size, for electricity supply networks, industrial sites and mining projects.

ETEL has in place a complete quality system, which complies with and is certified to ISO9001:2015 and an occupational health and safety management system which is certified to ISO14005.

ETEL are committed to the innovation of distribution transformers designed to meet the individual requirements and vision of its customers.



Quality
ISO 9001



Health &
Safety
ISO 45001

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