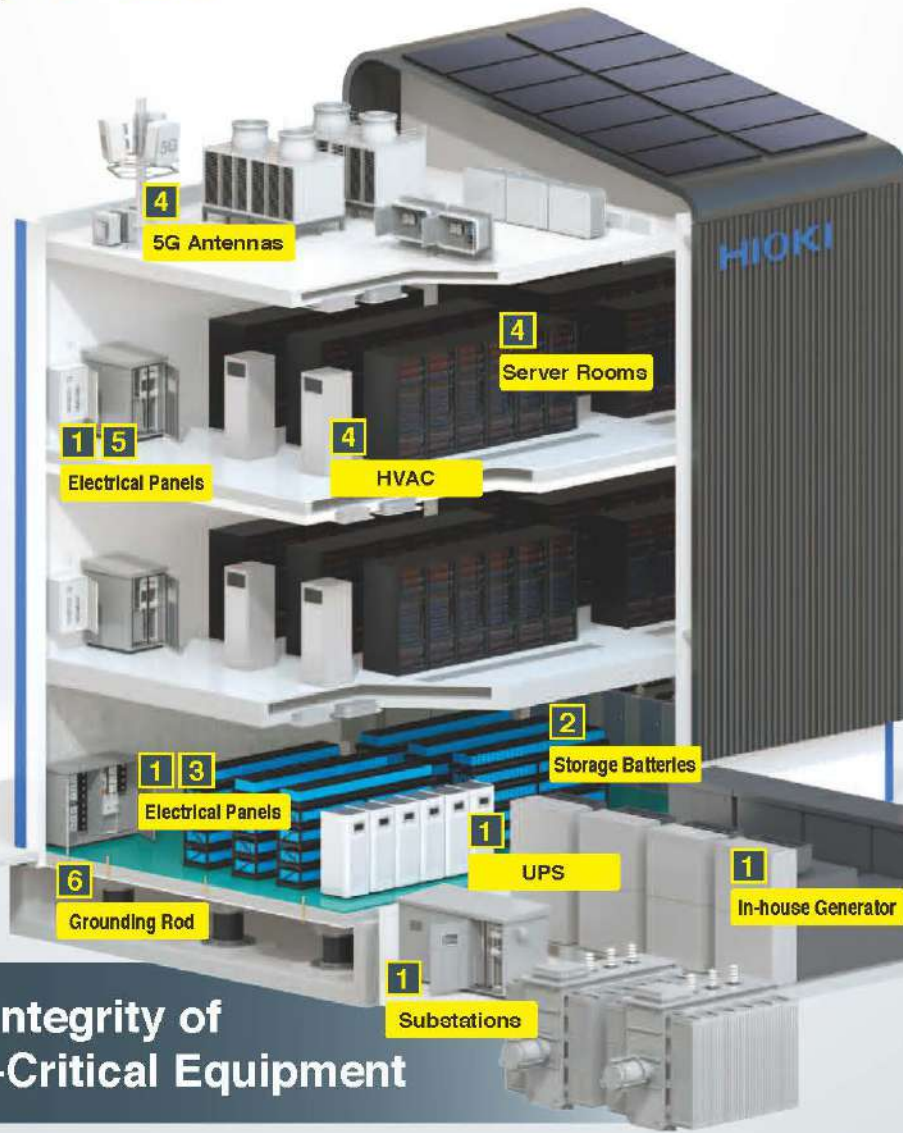


**1**  
Record & Analyze  
POWER ISSUES



Record sudden issues  
that can't be captured  
by the SNMP

**2**  
Diagnose Condition of  
Emergency  
Batteries



**3**  
Identify  
POWER  
CONSUMPTION

**4**  
Thermal  
Management of  
5G Antennas  
  
Temperature/  
Humidity Control  
SERVER ROOMS

**5**  
Regular Inspections of  
ELECTRICAL  
PANELS

**6**  
Ground Resistance  
INSPECTION

### Maintain the Integrity of Your Mission-Critical Equipment

<p><b>1 3</b></p> <p>POWER QUALITY ANALYZER PQ3198</p>	<p><b>1</b></p> <p>MEMORY HICORDER MR6000</p>	<p><b>2</b></p> <p>BATTERY TESTER BT3554</p>	<p><b>3</b></p> <p>CLAMP ON POWER LOGGER PW3365</p>	<p><b>4</b></p> <p>MEMORY HILOGGER LR8450</p>	<p><b>5</b></p> <p>CLAMP METER INSULATION TESTER DIGITAL MULTIMETER*</p>	<p><b>6</b></p> <p>EARTH TESTER FT6031</p>
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\*GENNECT not supported

### Implement Reliable Maintenance Programs with Efficient Measurement Data Management

**GENNECT Cross**  
Send data wirelessly to your mobile device to easily manage data on site

Bluetooth®

- Verify current waveforms or place data labels right on the site photo
- Use recorded data to make PDF reports

**GENNECT One**  
Transfer data to your PC via LAN to get a complete picture of all measured signals

Power consumption, Power quality, Temperature & humidity

List or graph data in real-time

# Equipment Damage and Malfunction Due to Power Quality

## Record sudden problems missed by the SNMP\*

**Receiving Equipment**      **UPS**

**PQ3198**  
IEC 61000-4-30  
Class A PQA

**Inrush Current**

**Transients**

## Clarify trouble spots via simultaneous recording of 3 systems

**UPS**      **Switch**      **Server**

**MR6000**  
8966 x 5  
U8977 x 3

\*SNMP: Simple Network Management Protocol - a protocol used to monitor the live and operational status of IP devices - widely used for measuring rack temperature and current

**Connect to GENNECT One**

Centrally manage data from all LAN-connected instruments with a PC

# Reliable Preventive Maintenance of UPS

## Diagnose deterioration of lead-acid batteries (also measure lithium-ion batteries)

**Measure correctly even in noisy environments**  
Address inverter noise emitting from UPS

**Reach deep within battery racks**  
L2020 test lead with L-shaped tip

**BT3554**

**Harmonic noise**

AC power → Converter → Inverter → Distribution panel

Battery

## Measure mixed AC & DC signals

**Thin jaw tackles complicated wiring with ease**  
AC/DC CLAMP METER CM4376

**Innovative thin design**

**Traditional jaw**

85 years of measurement expertise

**JAPAN**  
NAGANO UEDA City



Founded in 1935, Hioki has grown to become a world leader in providing consistent delivery of test and measuring instruments. By integrating both R&D and manufacturing in a central facility, we succeed in implementing a fully sustainable end-to-end product innovation life cycle to deliver instruments characterized by precision, safety and quality to customers around the world.

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