

**Precision testing  
For every critical system  
At every stage  
From a single partner**

**Data Center  
Solutions**

Engineered by **FLUKE**



# Solutions to Challenges Across the Data Center

At Fluke, we use everything we know in service of everything that's important to your operation. In every corner of your data center, our tools help you install, monitor, and maintain the networks and machines that keep your facility online.

## Fiber and Copper Testing

Faster installation, definitive certification, clean documentation

## Power Quality

Ensure reliable power from commissioning to operation

## Thermal and Acoustic Monitoring

Detect what central alarms miss

## Predictive Maintenance

Monitor assets and plan service without downtime

## Safety and Compliance

Safety verification and audit trails within the workflow

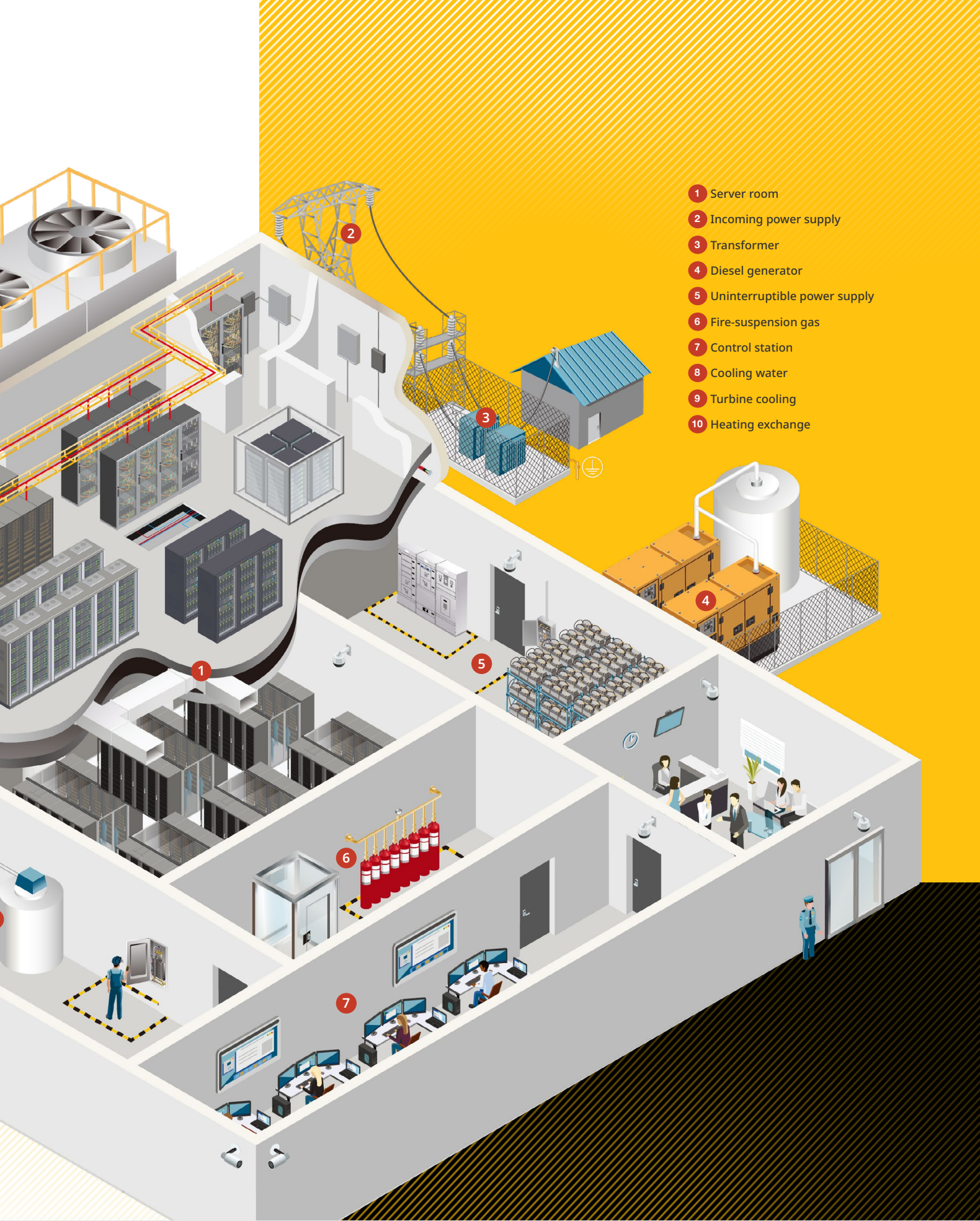
## Fluke Service and Premium Care

Expert support, calibration, and more



Find out how **Fluke solutions** can work for your data center — talk to an expert today.





- 1 Server room
- 2 Incoming power supply
- 3 Transformer
- 4 Diesel generator
- 5 Uninterruptible power supply
- 6 Fire-suspension gas
- 7 Control station
- 8 Cooling water
- 9 Turbine cooling
- 10 Heating exchange



# Fiber and Copper Testing

Every inch of cable is critical to network reliability, yet problems are hard to find in the miles of cabling deployed in a data center. Fluke accelerates even complex testing — from installation through certification and documentation — to help you find and fix physical layer issues before they impact performance.

- Test copper and fiber links end to end.
- Pinpoint cabling faults and switch misconfigurations.
- Troubleshoot Ethernet and Wi-Fi in real time.
- Validate and certify new installs and upgrades with confidence.



CableAnalyzer™



LinkIQ™



CertiFiber™



OptiFiber™



SimpliFiber™



FiberInspector™  
Ultra Camera



FiberInspector™ Pro



FiberInspector™  
Micro Fiber Scope



FiberLert™



Fiber Optic  
Cleaning Kits



Software







# Power Quality

Power quality issues like voltage sags, harmonics, and load imbalances are silent killers. They damage equipment and cause costly downtime. From first build through ongoing operations, Fluke helps you detect and resolve issues before they escalate.

- Monitor voltage, current, and harmonics.
- Pinpoint the root causes of power disturbances.
- Quantify wasted energy.
- Log and report accurate data for compliance and optimization.



Bluetooth



Power Quality Analyzer



Power Logger



Clamp Meter



Digital Multimeter







# Thermal and Acoustic Monitoring

Environmental control protects equipment and performance. Even slight cooling inefficiencies, invisible to central monitors, can lead to hot spots, system instabilities, and failure. Fluke helps you find thermal and airflow issues before they disrupt operations.

- Scan electrical and HVAC systems during live operation.
- Visualize temperature anomalies and airflow blockages.
- Detect air leaks and mechanical wear acoustically.
- Validate repairs and optimize cooling control.



Articulating Thermal Imager



Handheld Thermal Imager



Infrared Spot Pyrometer



Fixed Thermal Imager



Fixed and Mount-and-Move Acoustic Imager



Indoor Air Quality Monitor



Infrared Window



Bluetooth



# Predictive Maintenance

Sudden failures and unplanned outages cost time, money, and trust. Fluke helps you prevent downtime with predictive maintenance tools that help you keep your systems performing to spec.

- Spot early signs of electrical and mechanical failure.
- Monitor asset health without interrupting operations.
- Plan smarter repair cycles and extend equipment life.



Multifunction  
Process Calibrator



Portable  
Oscilloscope



ProcessMeter™



Milliamp Process  
Clamp Meter



Vibration Tester



Battery Analyzer



# Safety and Compliance

Electrical hazards and incomplete testing protocols amplify risk for teams and lead to costly compliance failures. Fluke helps you stay safe and audit ready.

- Verify grounding, bonding, and insulation integrity.
- Detect current leakage and system faults.
- Perform safe, non-contact diagnostics.
- Document results digitally for compliance reporting.



Multifunction  
Installation Tester



Earth Ground  
Clamp Meter



Earth Ground  
Tester



Bluetooth



# Real Experience and Expertise Behind Every Fluke Tool

## Fluke Service and Support

Fluke Technical Support is staffed with true experts who know our products inside and out. They have deep experience in the issues you are trying to solve and can help you use our devices effectively and efficiently.

Fluke Authorized Service Centers perform scheduled calibrations and repair services in many countries around the world.



Learn more about **Fluke Customer Service and Technical Support**.

## Fluke Premium Care

Fluke Premium Care provides service coverage above and beyond a product's original product warranty, ensuring performance, minimizing downtime, and maximizing reliability. With priority support, annual calibrations, no-hassle repairs, loaner equipment, and more, Premium Care keeps your Fluke devices in prime condition and on the job.



Find out what **Fluke Premium Care** can do for you.

## PremiumCare

Uptime Protection by **FLUKE**



When downtime is not an option,  
you want more than a transaction.  
You want a relationship you can trust,  
solutions you can use,  
and expertise you can count on.

## Data Center Solutions

Engineered by **FLUKE**



Find out how **Fluke solutions**  
can work for your data center  
— talk to an expert today.

**Fluke.** Keeping your world  
up and running.™

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