

# When downtime is not an option

A data center is a marvel of innovation,  
engineering, and vision that delivers  
the promises of our modern world.

It can do everything except go down.

## Data Center Solutions

Engineered by **FLUKE**

# For every critical system. At every stage. From a single partner.

In every corner of your data center, Fluke 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

## Calibration

Confirm instrument accuracy throughout the facility

## Safety and Compliance

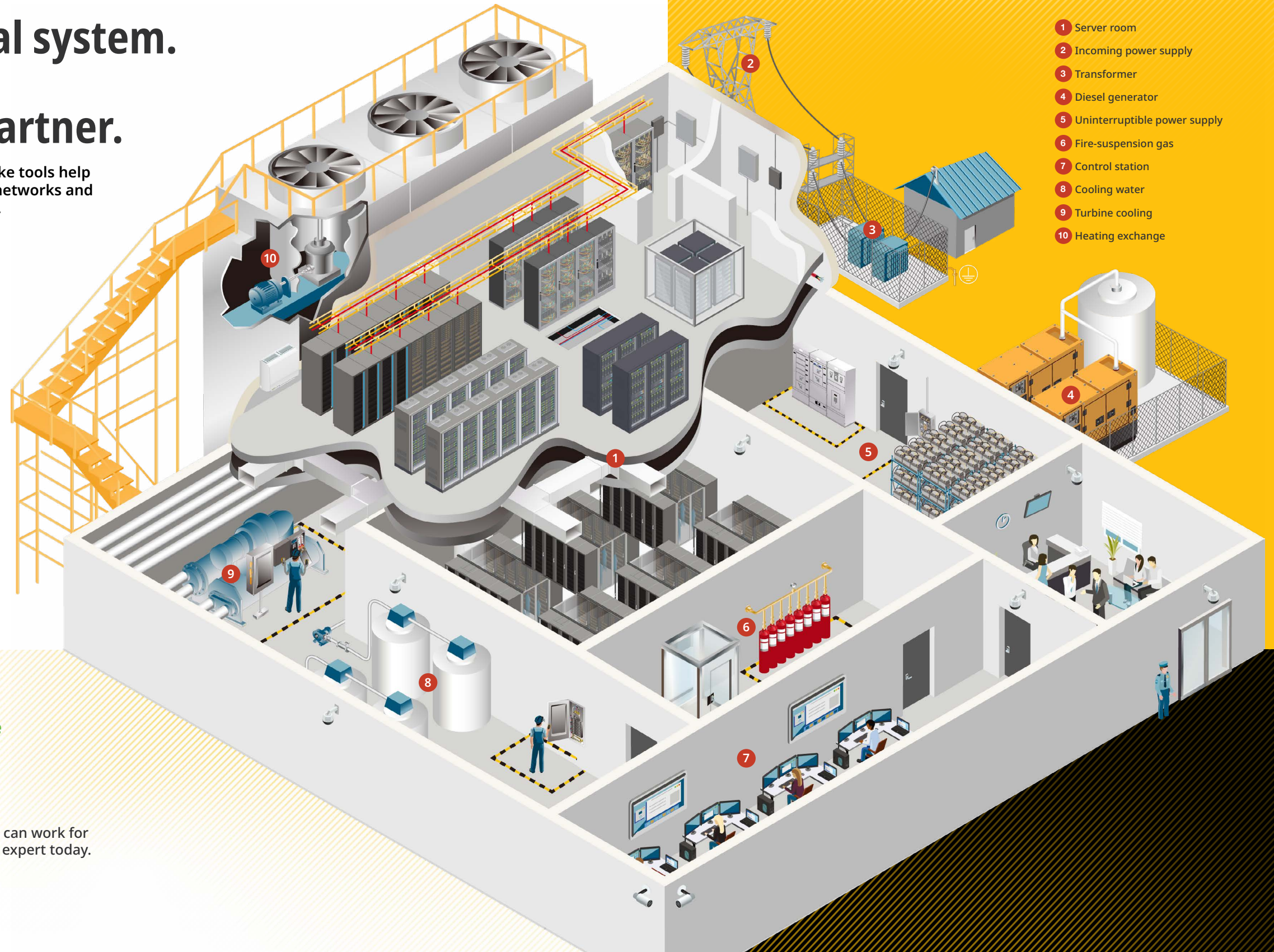
Safety verification and audit trails within the workflow

## 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-suppression 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™



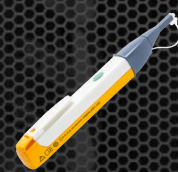
FiberInspector™  
Ultra Camera



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.

# 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.



Power Quality Analyzer



Power Logger



Clamp Meter



Digital Multimeter



Articulating Thermal Camera



Handheld Thermal Camera



Infrared Spot Pyrometer



Fixed Thermal Imager



Handheld Acoustic Imager



Fixed and Mount-and-Move Acoustic Imager



Indoor Air Quality Monitor



Infrared Window

# 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.



# Calibration

Every device experiences drift over time. Uncalibrated instruments, even in expert hands, can lead to critical errors, wasted resources, and severe safety hazards. Fluke helps you ensure that tools and sensors provide accurate, consistent measurements that protect your systems.

- Keep power systems efficient and prevent waste.
- Ensure cooling and HVAC sensors give accurate performance readings.
- Catch issues early with precise data for planning maintenance.
- Meet ISO and compliance standards without surprises.



Multifunction Process Calibrator



Portable Oscilloscope



ProcessMeter™



Milliamp Process Clamp Meter



Vibration Tester



Battery Analyzer



Multi-Product Calibrator



Oscilloscope Calibrator



Humidity Calibrator



Field Metrology Well



Calibration Bath



Pressure Controller / Calibrator

# 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



Software

# 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.™

[Fluke.com](https://www.fluke.com)

©2025 Fluke Corporation.  
Specifications subject to change without notice.  
250804-en

Modification of this document is not permitted  
without written permission from Fluke Corporation.