

# **Recommended data center solutions**

0

**Thermal imagers** 

• HVAC and hot aisles/cold

• Identifying "hot spots" in

motors and compressors

• Inspecting temperature in

server racks and power

**Digital multimeters** 

• Electrical system installa-

tion and troubleshooting

• Quick voltage detection

• Environments with both

AC and DC (autoVolt) or

and electrical panels

ghost voltages • Use with HVAC systems

**Best suited for:** 

aisles inspection

## **Fluke Connect**

# Best suited for:

• Simplifying preventive maintenance programs

() ()

- Seamlessly integrating tool data into software
- Diagnosing asset health in the field
- Cloud-based data sharing

**Battery analyzers** 

Maintenance, trouble-

shooting and performance testing of UPS banks

Measuring battery resis-

tance, AC and DC voltage

and current ripple voltage,

frequency and temperature

**Best suited for:** 

supply systems Building insulation inspection

Best suited for:

### Best suited for: • Capturing and logging

**Power loggers** 

- over 500 power quality parameters Troubleshooting and per-
- forming advanced analysis on power quality issues Energy surveys to deter-
- mine sources of electrical energy waste



# testers Best suited for:

Earth ground

- Earth resistance loop and
- soil resistivity testing • Safety of personnel and proper operation of equipment
- Diagnosing intermittent electrical problems related to poor earth grounding



#### **Power quality analyzers**

#### **Best suited for:**

- Troubleshooting and preventing problems in power generation, transmission and distribution systems
- Conducting load studies to reduce energy usage
- Use with motors, pumps, generators, transformers, compressors and electrical panels



## Portable oscilloscopes

#### **Best suited for:**

- Installing and maintaining electronic industrial equipment out in the field
- Diagnosing industrial machinery, automation and process controls and power electronics



Data center professionals are responsible for the storage, management, and dissemination of data and information, without interruption. It's a huge task in our data-reliant society and people count on the delivery of the information they need, whenever they need it. The professionals working in this critical business must be able to rely on their tools to keep things up and running.

Fluke makes a full suite of reliable, high quality test and measurement tools that data centers can count on. We understand the challenges these professionals face every day. The decisions they make are based on the information their test equipment is providing. They can't make informed decisions if they can't rely on the data they're being given. They can be confident that Fluke tools will give them consistently correct information to do their jobs.

# Fluke. Keeping your world up and running.®

**Fluke Corporation** PO Box 9090. Everett, WA 98206 U.S.A.

Fluke Europe B.V. PO Box 1186, 5602 BD Eindhoven, The Netherlands

For more information call: In the U.S.A. (800) 443-5853 or Fax (425) 446-5116 In Europe/M-East/Africa +31 (0) 40 2675 200 or Fax +31 (0) 40 2675 222 In Canada (800)-36-FLUKE or Fax (905) 890-6866 From other countries +1 (425) 446-5500 or Fax +1 (425) 446-5116 Web access: http://www.fluke.com

©2015 Fluke Corporation. Specifications subject to change without notice. Printed in U.S.A. 11/2015 3106061d-en

# **Data Center Solutions**

# Solutions for data center professionals.

# **Data Center Facility** Manager

### **Issues faced:**

- Maximizing uptimeMaintaining environmental conditions
- Preventative maintenance
- Control energy costs

# Fluke solutions:

- Fluke Connect
- Power quality analyzers
- Portable oscilloscopes
- Thermal imagers
- Vibration tester

# **HVAC/Mechanical Technician**

## Issues faced:

- Maintaining controlled environment for sensitive equipment
- Ensuring HVAC and mechanical equipment is compliant with industry standards

**Data center solutions** 

# Fluke solutions:

- Fluke Connect
- A Multifunction process calibrators
- A Process test tools
- + Indoor air quality
- Digital multimeters
- Clamp meters
- Thermal imagers
- Vibration tester



Diagram is not intended to be an exact representation. Diagram components are not to scale and are for illustration purposes only.

# We offer a full line of data center solutions to fit all needs. Go to www.fluke.com for detailed information on these products.

Process Calib	Electrical Test Tools								Infrared and Vibration Tools			Air Quality	Software	
Multifunction process calibrators	Process test tools	Power quality analyzers	Portable oscilloscopes	Power loggers	Earth ground clamp meters	Earth ground testers	Clamp meters	Battery analyzers	Digital multimeters	Thermal imagers expert	Thermal imagers professional	Vibration tester	Indoor air quality	Maintenance software
726	789 773	430 Series II	190 Series II	1738		1625-2 Kit	376FC	BT500 Series	289	O TiX560 Series	Гі400	• • •	975	Fluke Connect*



# **Electrical Engineer/ UPS** Technician

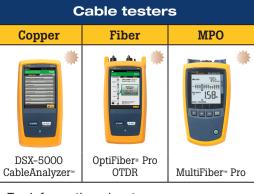
# **Issues faced:**

- Load checking
- Meeting electrical safety standards
- Unscheduled downtime
- Troubleshooting sensitive equipment

# Fluke solutions:

- Fluke Connect
- Power quality analyzers
- Digital multimeters
- Power loggers
- Earth ground testers
- Earth ground clamp meters
- Battery analyzers
- Thermal imagers





For information about Fluke Networks products visit www.flukenetworks.com.