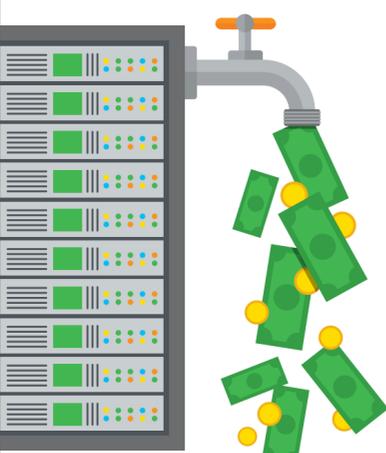
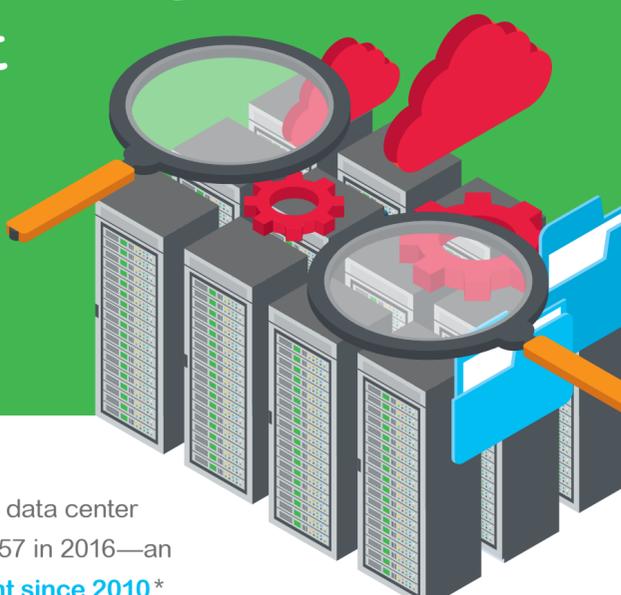


# Preventing Outages by Monitoring, Managing, and Controlling the Data Center Environment

While cybercrimes and other network threats make up the fastest-growing sector of data center outages, internal threats should not be ignored. Here's how you can minimize downtime and business risk with NetBotz 250 from APC by Schneider Electric.



The average cost of a data center outage rose to \$740,357 in 2016—an increase of **38 percent since 2010**.\*

The increase in the maximum downtime cost **climbed 81 percent** over that same time period.\*

Organizations lose as much as **\$100 million per year** to downtime related to information and communication technology (ICT).\*\*

Most common causes of ICT downtime are **failures of equipment** (along with software and third-party services), **power outages, and human error**.\*\*



One of the biggest sources of outages in the data center—22 percent—can be **attributed to human or accidental error**.\*

## Common Environmental Risks

Water, heat, and equipment failures accounted for 11 percent of all data center outages in 2016.



## Access Control Risks

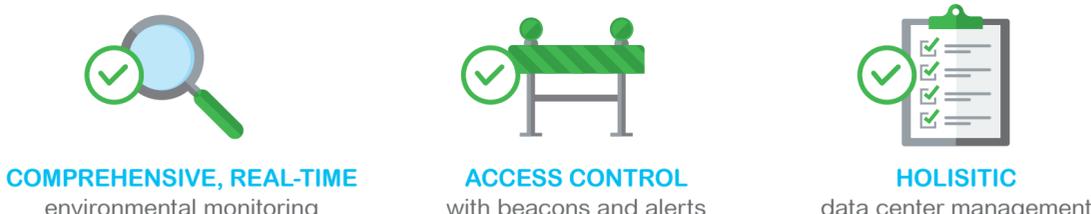


## How do you prevent a data center outage?



## NetBotz 250 from APC by Schneider Electric + StruxureWare Data Center Expert

From single racks in remote offices to large enterprise and data center deployments, this solution offers:



### ENVIRONMENTAL MONITORING: How does it work?

- 1 A HIGH TEMPERATURE IS REPORTED.
- 2 THE NETBOTZ 250 SENDS DETAILED ALERTS TO CONFIGURED USERS.
- 3 THE ONBOARD SWITCHED OUTLET TURNS ON THE ROOF FAN TO REMOVE EXCESS HEAT.
- 4 THE NETBOTZ 250 TURNS OFF THE ROOF FAN WHEN SUFFICIENTLY COOLED.
- 5 NORMAL OPERATION IS RESUMED.

### ACCESS CONTROL: How does it work?

- 1 REMOVE EXISTING HANDLES FROM RACK.
- 2 REPLACE WITH RACK ACCESS CONTROL HANDLES.
- 3 RESTRICT RACK ACCESS TO CREDENTIALLED USERS AT SPECIFIED TIMES.
- 4 MAINTAIN RECORDS OF ALL USERS ACCESSING THE RACK.
- 5 CONFIGURE ALERTS AND OUTPUTS SUCH AS A BEACON ALARM IN THE EVENT OF BREACH.

## Why NetBotz 250?

- Integration with APC by Schneider Electric hardware/software
- Full audit trails for regulatory compliance (HIPAA, SOX, PCI DSS)
- Reduced cabling clutter and costs
- Maximum capabilities, affordable price

To see how you can protect your data center and avoid the cost of downtime, **contact your APC by Schneider Electric representative.**

\* Source: "Cost of Data Center Outages," Ponemon Institute, 01/2016.

\*\* Source: "How Much Is Network Downtime Costing Businesses Today? Infonetix Report and Calculator," Infonetix.com press release, 02/02/2015.