

# THE WORLD'S HOTTEST DATA CENTERS

**356°F**

**SOUTH AFRICA**



MTN's data center is cooled by solar mirrors that heat hot water to 356°F (180°C). This hot water is then converted into energy to power chillers to cool the servers.

eBay's Phoenix data center runs at 115°F (46°C) and benefits from free cooling from the arid desert climate. It uses hot water from its outdoor tank to cool the facility.

**115°F**

**PHOENIX,  
ARIZONA**



**100°F**

**SINGAPORE**



Singapore is currently testing a 'tropical data center' to see if data centers can handle tropical climates. This involves testing equipment at 100°F (38°C) and ambient humidity at 90%!

Google's data center is able to operate at 95°F (35°C). The increase in temperature and free cooling allows Google to operate more efficiently and save a substantial amount on cooling costs!

**95°F**

**BELGIUM**



**85°F**

**NORTH  
CAROLINA**



Facebook's North Carolina facility is designed to utilise the hot and humid climate. The servers are able to run at a temperature of 85°F (29°C) and with a relative humidity maximum of 90%.

Monitor temperature, humidity and related environmental metrics in the data center with RF Code's real-time environmental monitoring.

## RF CODE