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Sample ThermPrint Data Center Report
Nr. 1059
21.04.2020

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ThermPrint(tm)

ThermPrint is a breakthrough in thermal assessments for data centers. Never before has it been possible to gain such an in-depth view of data center thermal metrics.

ThermPrint empowers you to:

- Visualize rack inlet temperature distribution.
- Visualize supply temperature distribution.
- Assess containment efficiency of hot and cold air flows.
- Identify hot spots.
- Assess your global energy savings potential.

ThermPrint graphs, reports and data acquisition systems are protected by international copyrights and patent pending.

Report ID: 378

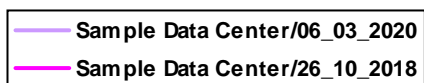
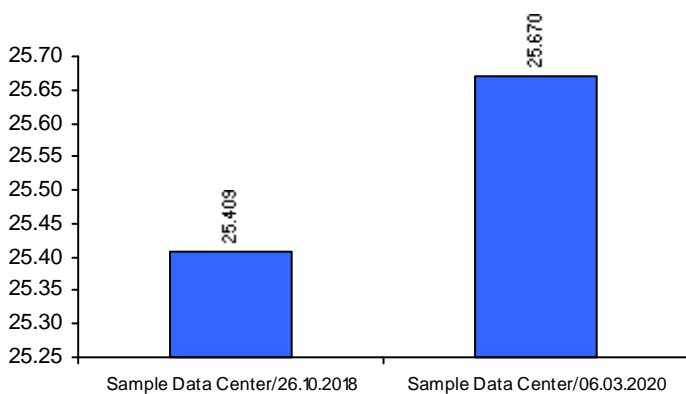
Date: 06.03.2020

Location: Sample Data Center

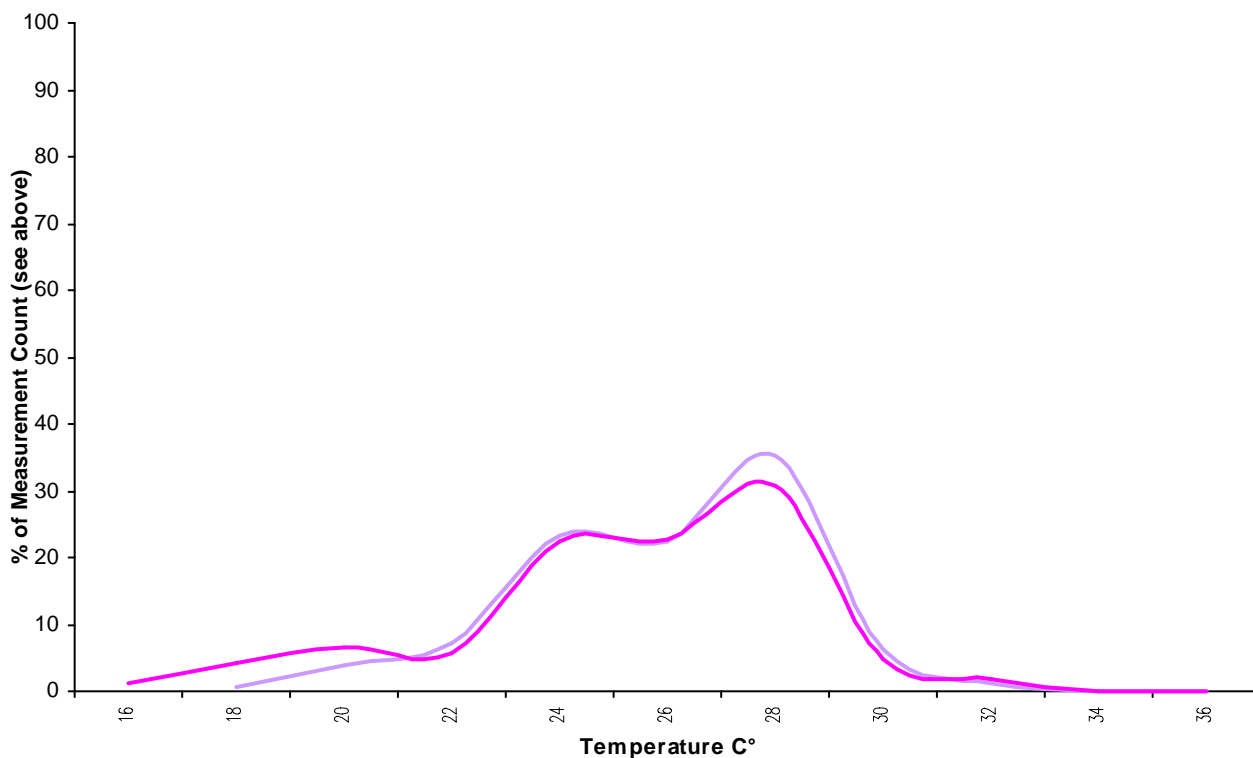
Total Temperature Measurements: 16'051'200

Scope: These graphs compare global thermal profiles from different reports.

Reports: AVG Rack Inlet Temp (C)



Rack Inlet Temperature Distribution





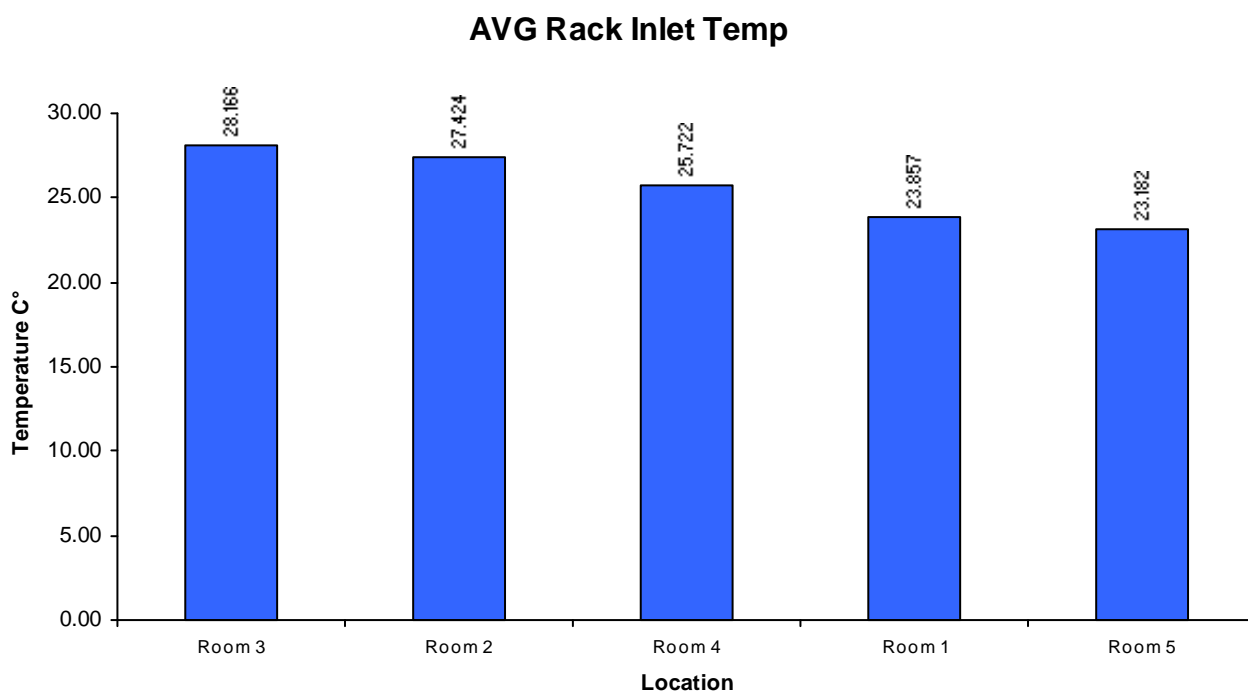
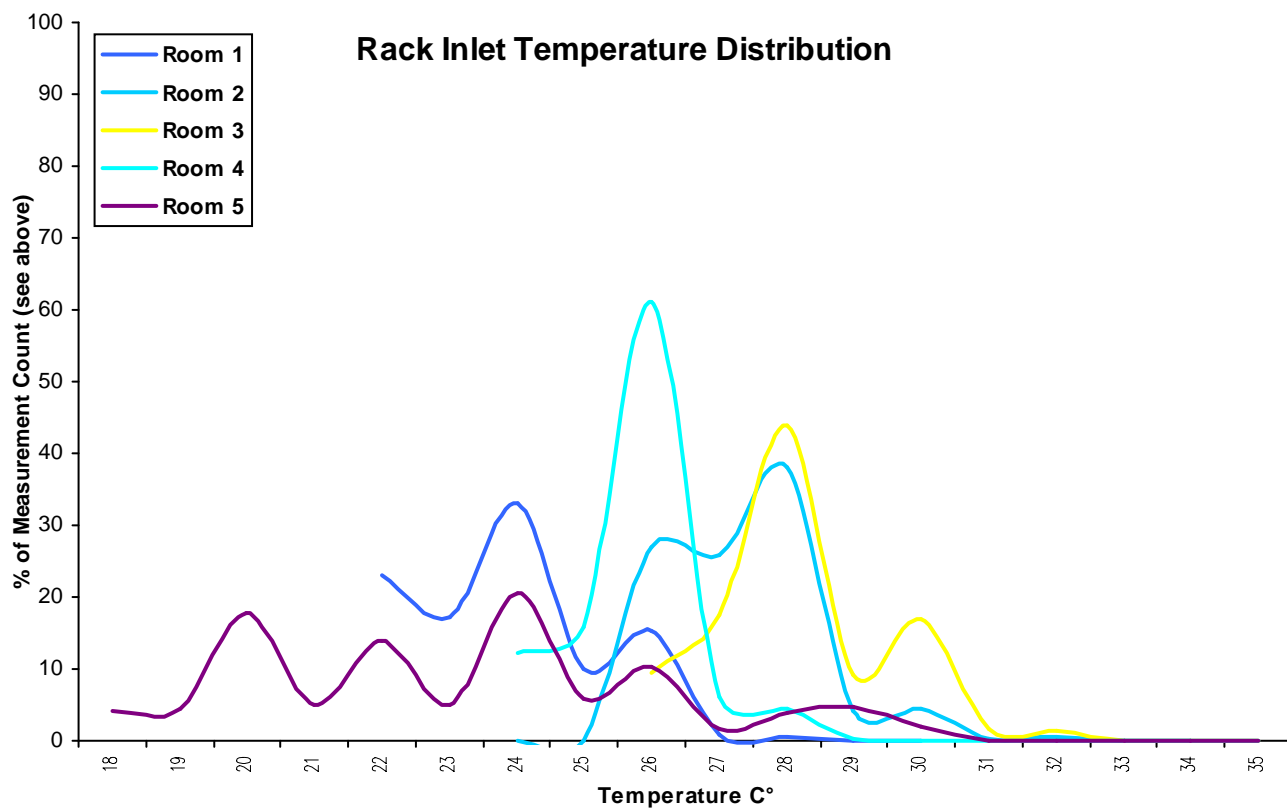
Report ID: 378

Date: 06.03.2020

Location: Sample Data Center

Measurement Count: 8'908'800

Scope: These graphs compare thermal profiles from different areas of the data center.



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Room Trends

Object: Room 1

Report ID: 378

Date: 06.03.2020

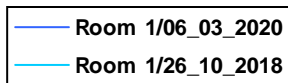
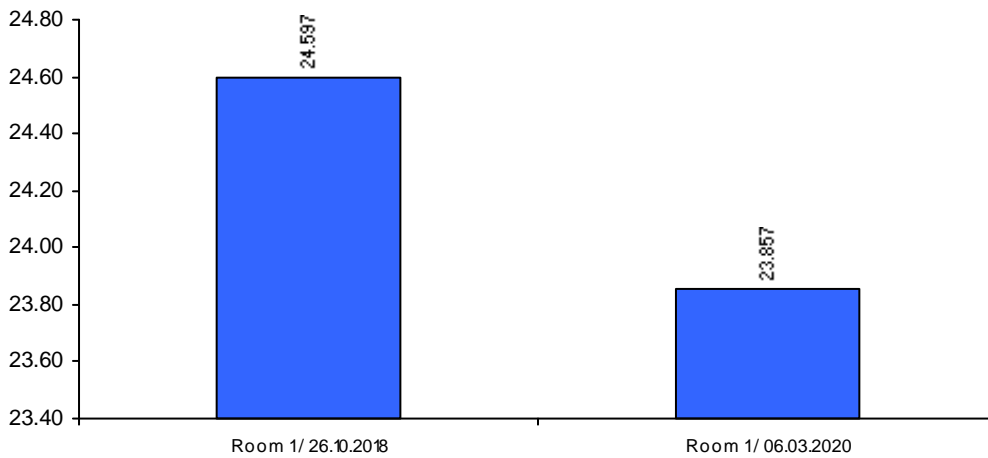
Location: Sample Data Center

Total Temperature Measurements: 3'302'400

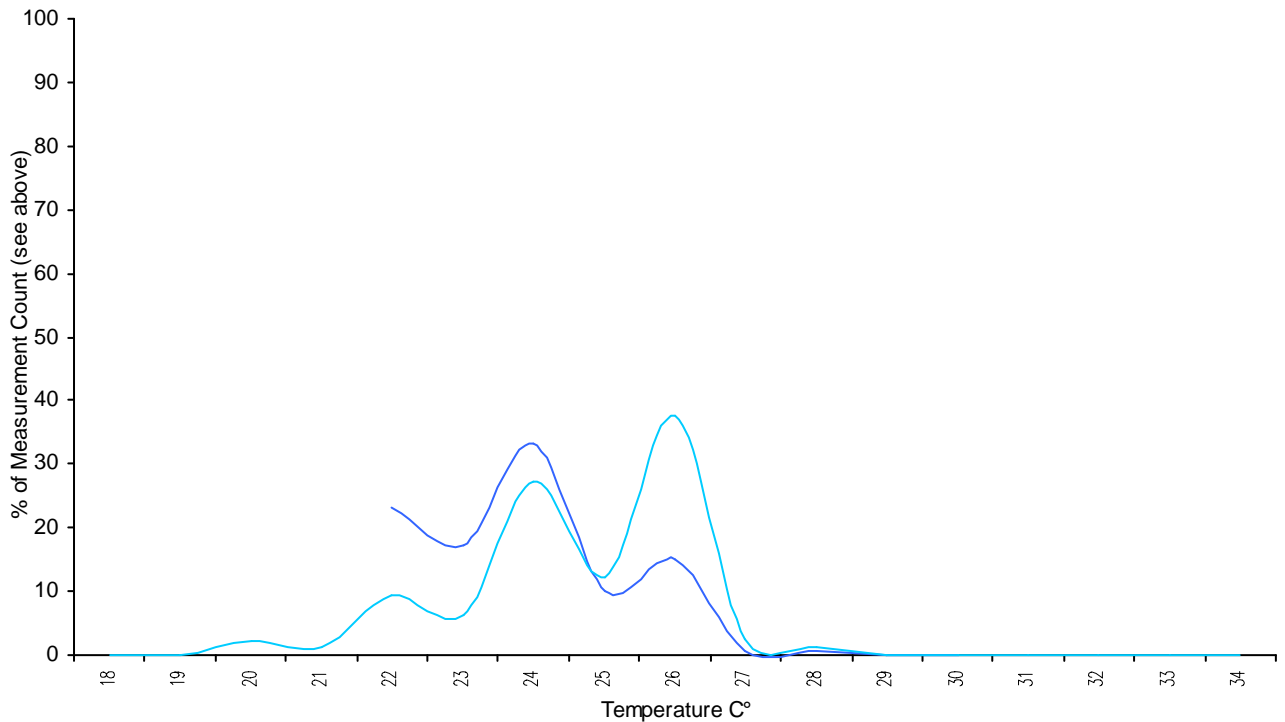


Scope: These graphs compare room thermal profiles from different times.

AVG Rack Inlet C°



Rack Inlet Temperature Distribution



Object: Room 2

Report ID: 378

Date: 06.03.2020

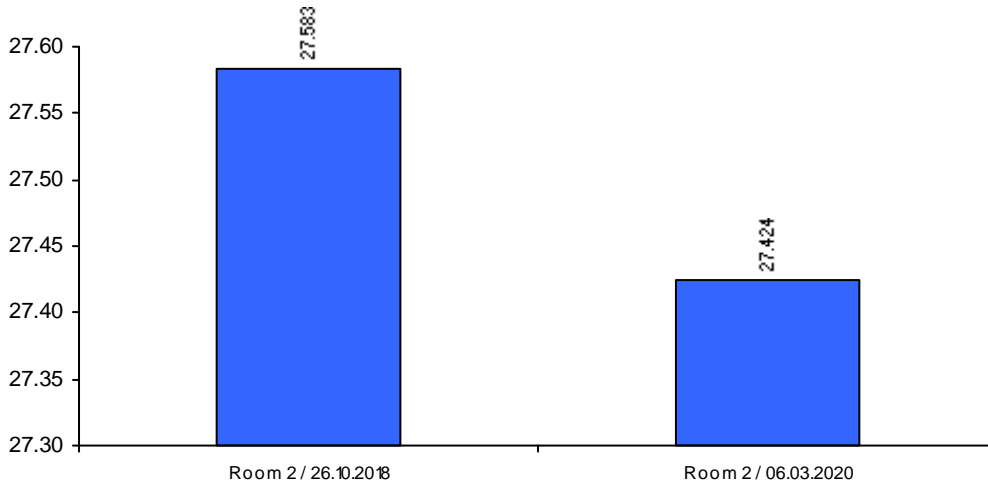
Location: Sample Data Center

Total Temperature Measurements: 2'073'600



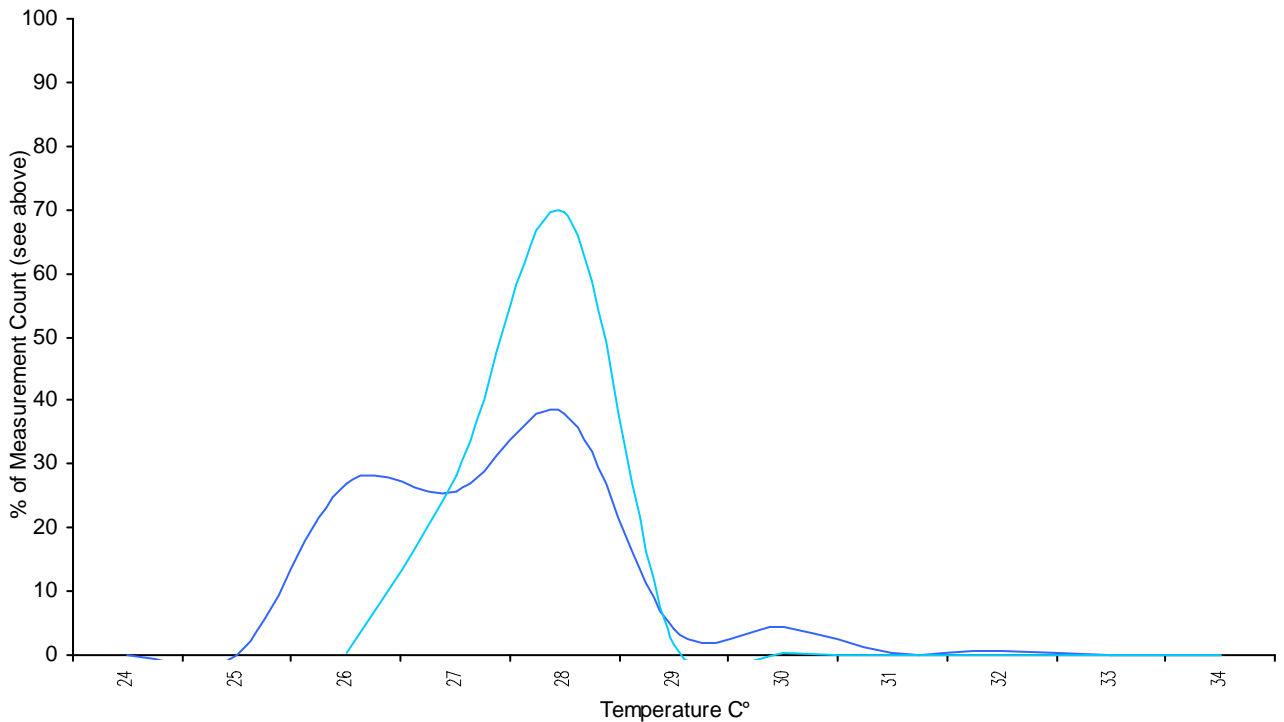
Scope: These graphs compare room thermal profiles from different times.

AVG Rack Inlet C°



— Room 2/06_03_2020
— Room 2/26_10_2018

Rack Inlet Temperature Distribution



Object: Room 3

Report ID: 378

Date: 06.03.2020

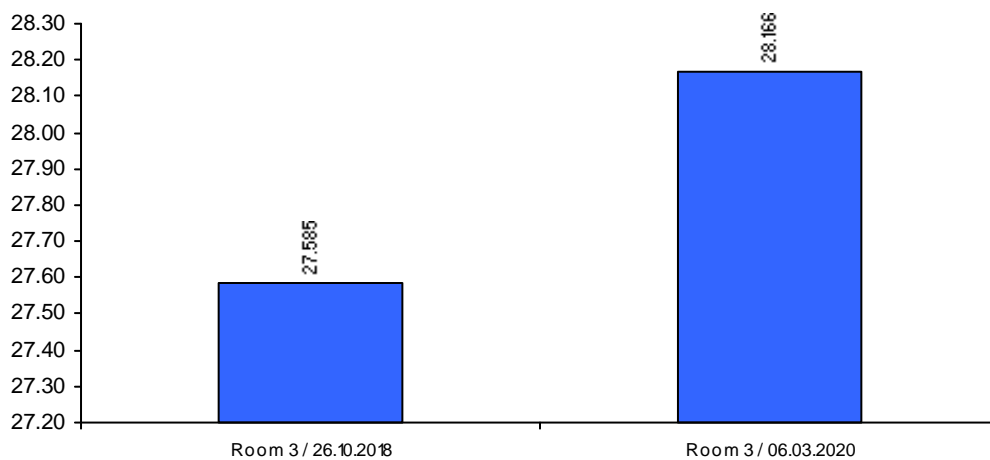
Location: Sample Data Center

Total Temperature Measurements: 4'992'000



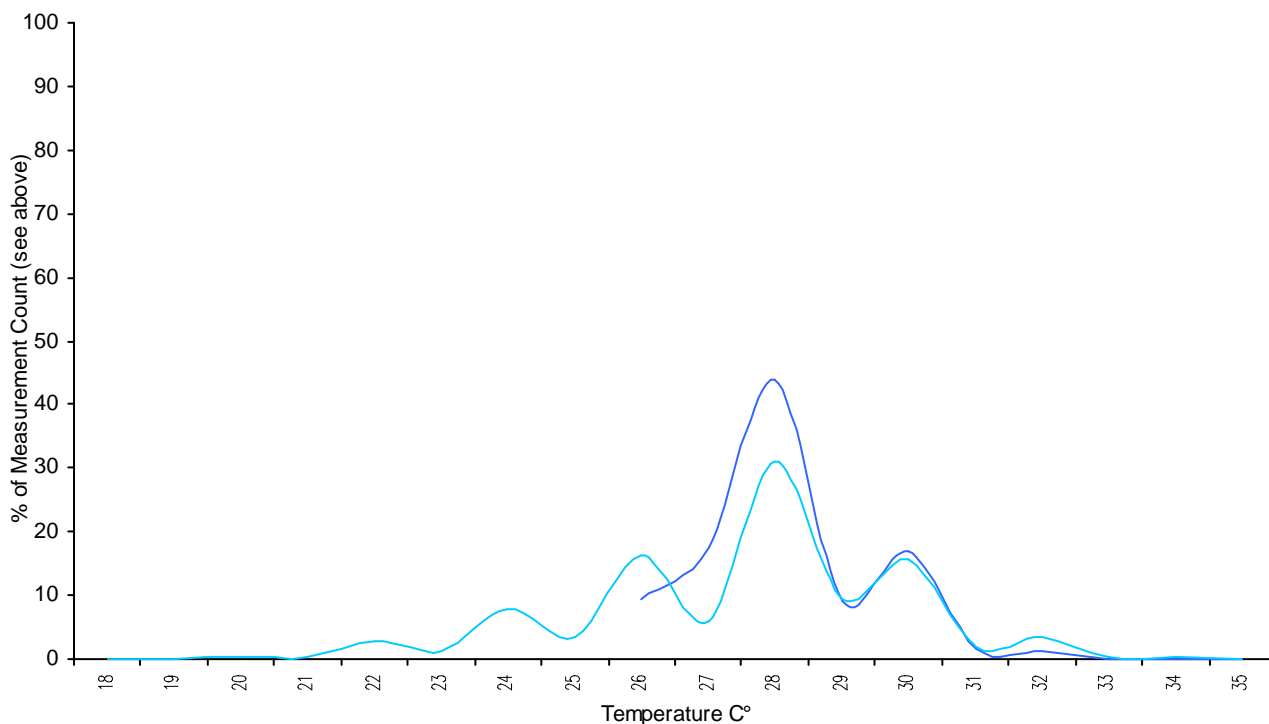
Scope: These graphs compare room thermal profiles from different times.

AVG Rack Inlet C°



— Room 3/06_03_2020
— Room 3/26_10_2018

Rack Inlet Temperature Distribution



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Object: Room 4

Report ID: 378

Date: 06.03.2020

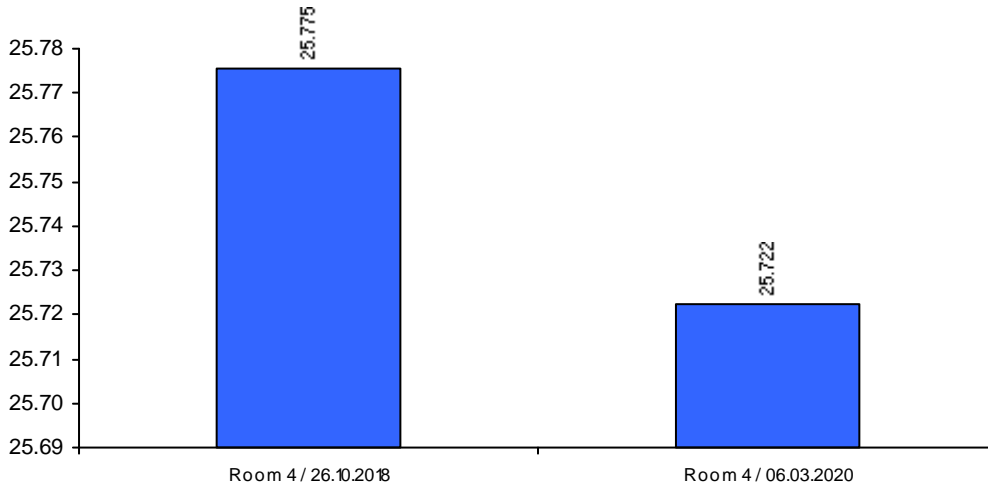
Location: Sample Data Center

Total Temperature Measurements: 2'764'800



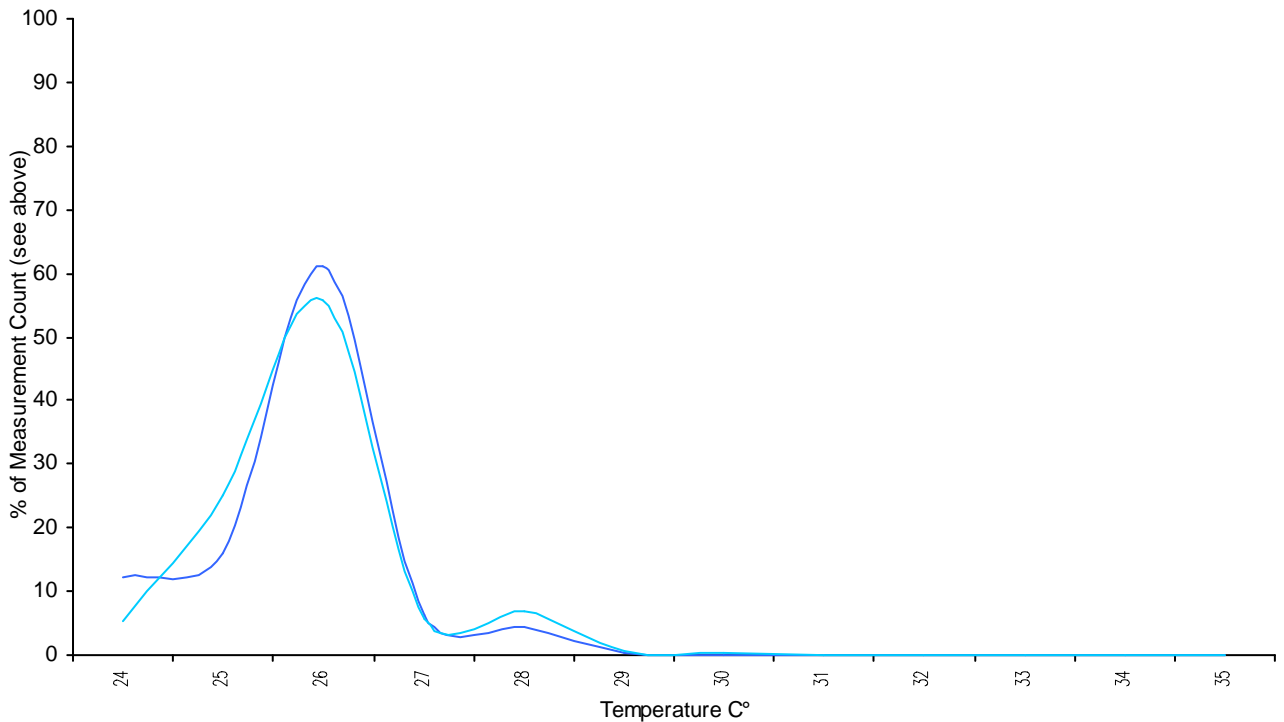
Scope: These graphs compare room thermal profiles from different times.

AVG Rack Inlet C°



— Room 4/06_03_2020
— Room 4/26_10_2018

Rack Inlet Temperature Distribution



Object: Room 5

Report ID: 378

Date: 06.03.2020

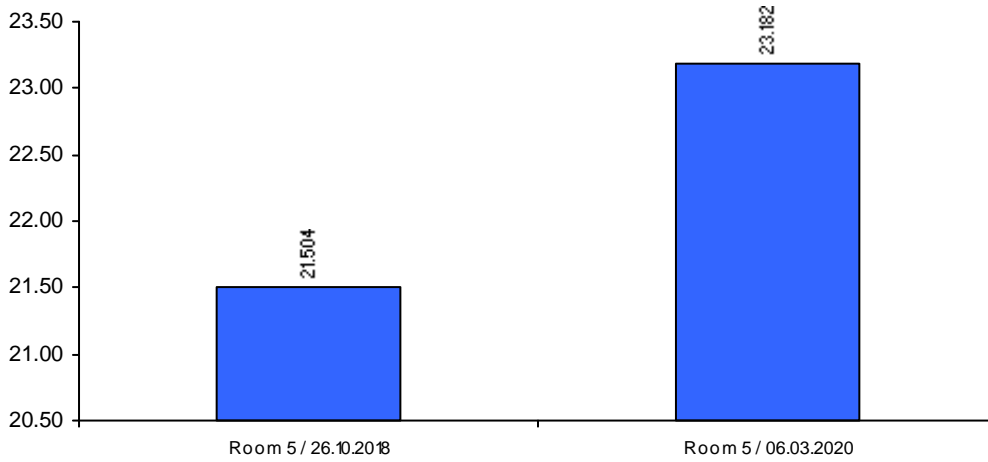
Location: Sample Data Center

Total Temperature Measurements: 2'918'400



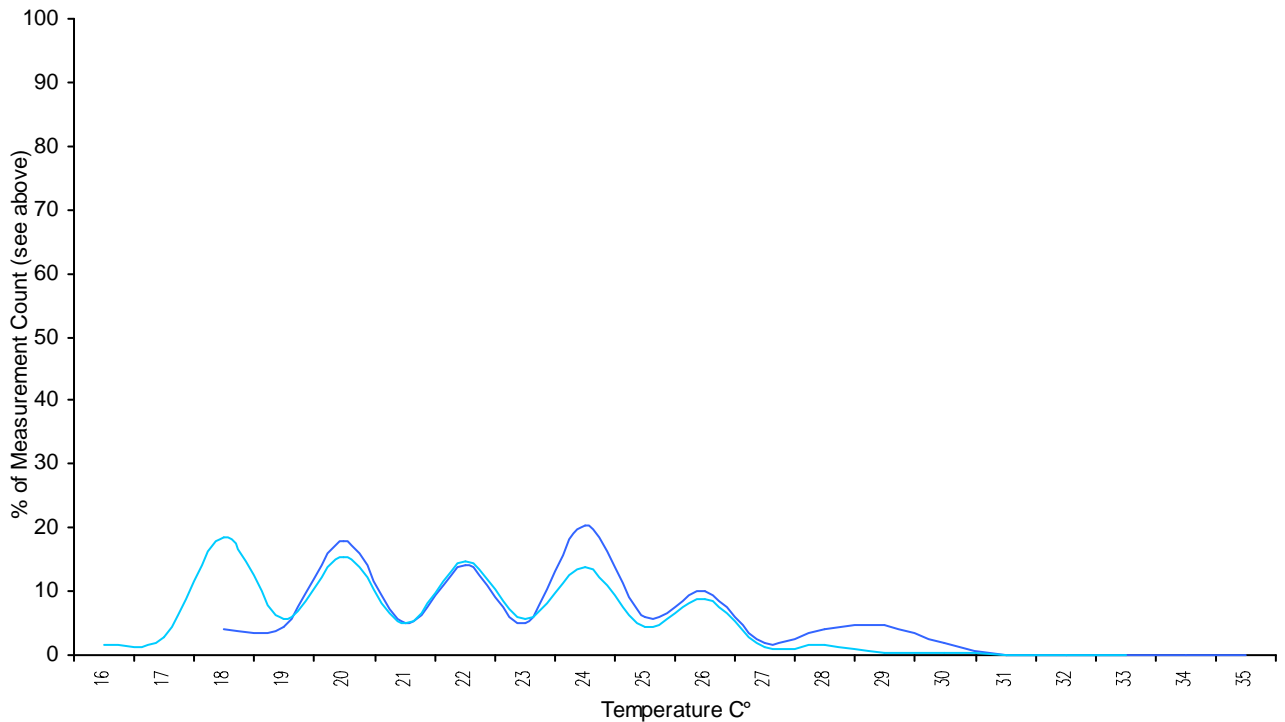
Scope: These graphs compare room thermal profiles from different times.

AVG Rack Inlet C°



— Room 5/06_03_2020
— Room 5/26_10_2018

Rack Inlet Temperature Distribution





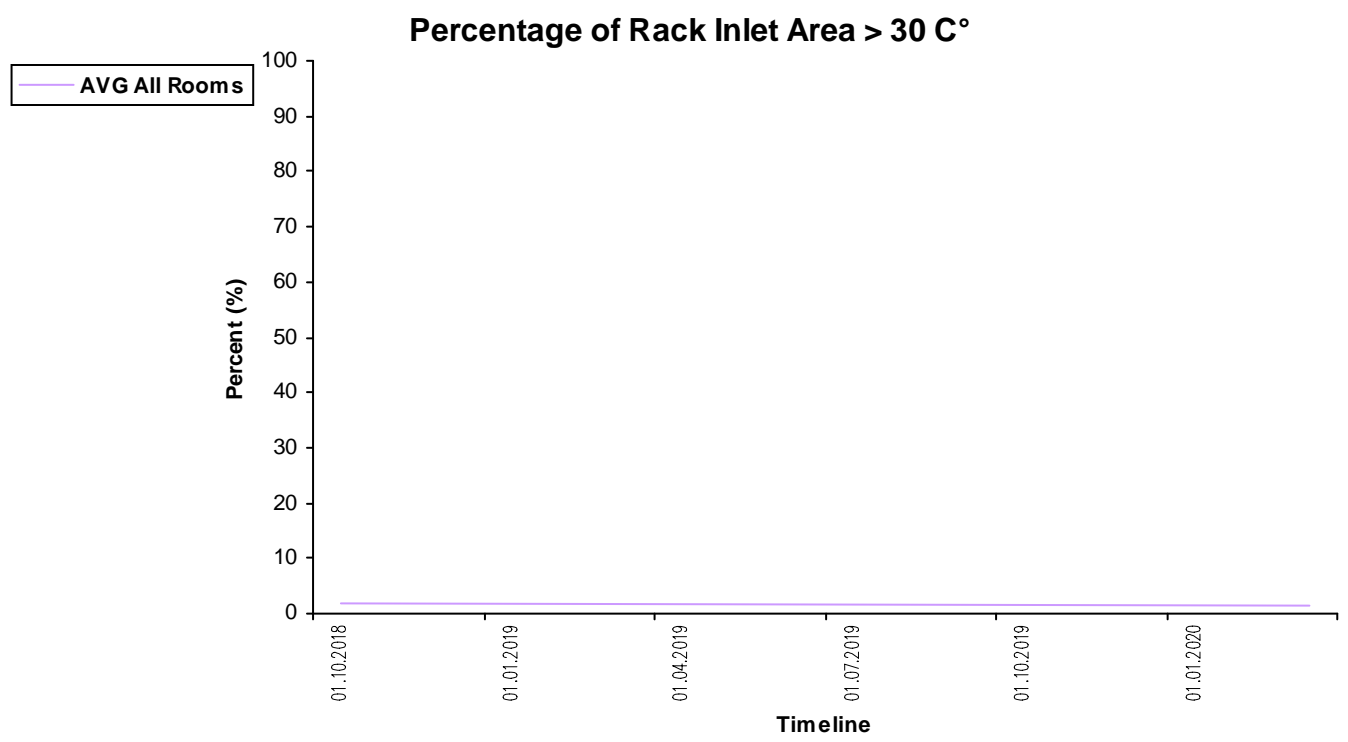
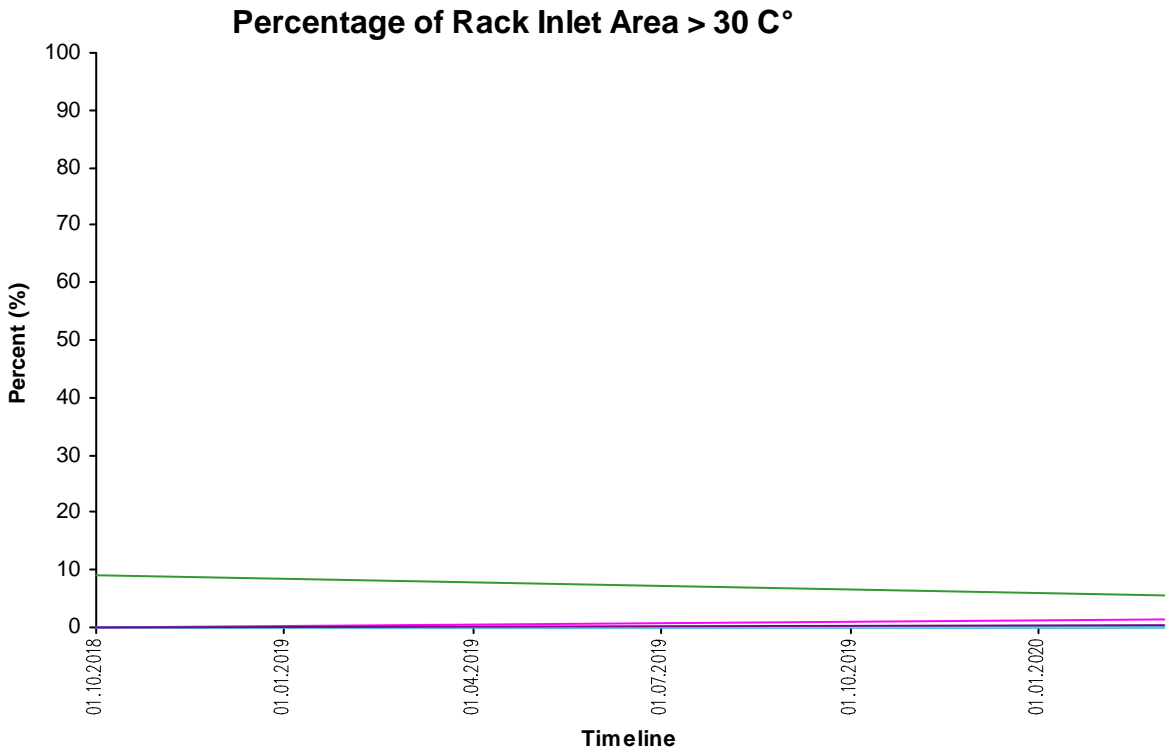
Report ID: 378

Date: 06.03.2020

Location: Sample Data Center

Scope: These graphs compare the >30 C° trends of different rooms and reports.

- Room 1
- Room 2
- Room 3
- Room 4
- Room 5



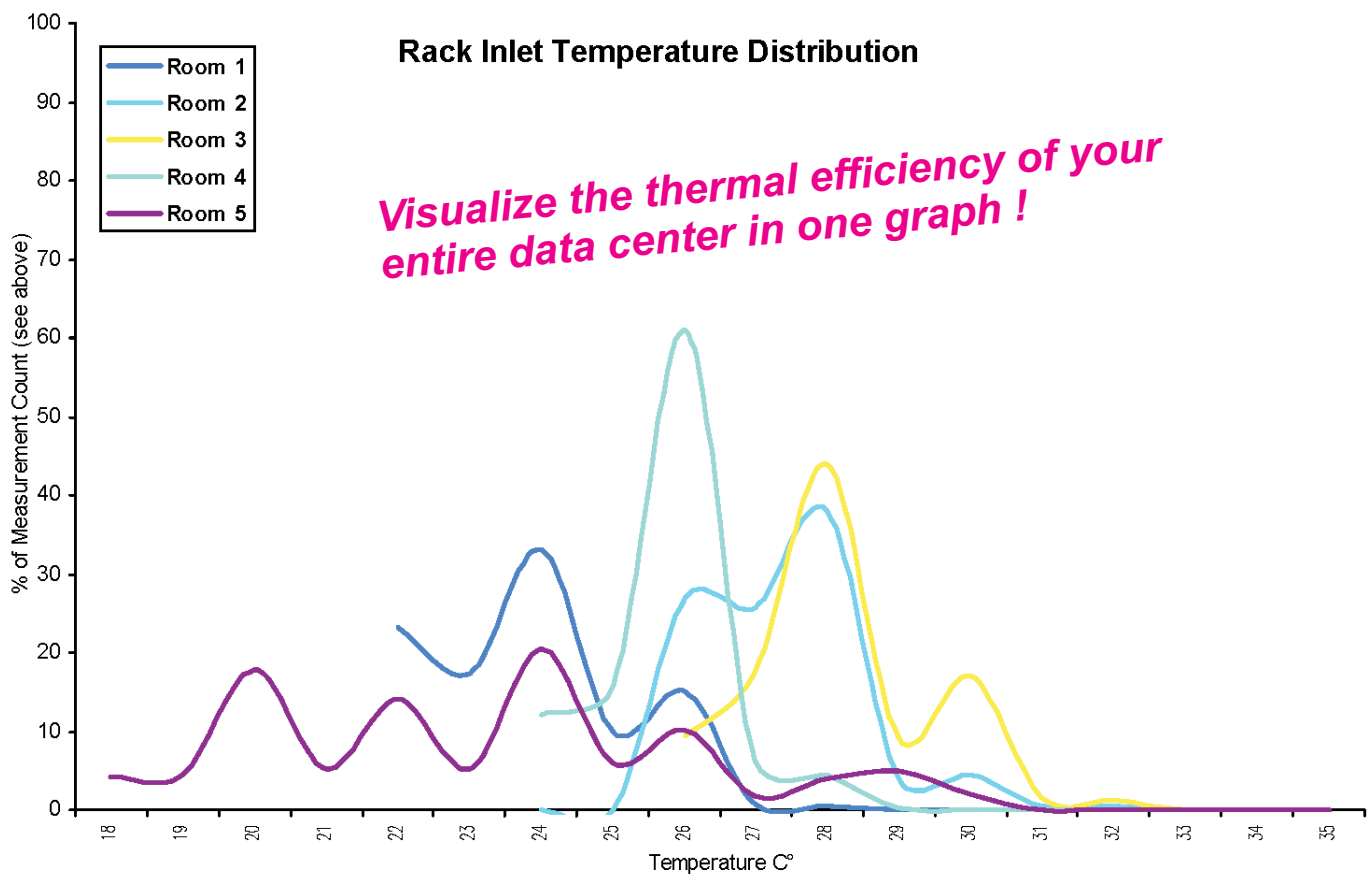
Appendix



We create data center thermal profiles from infrared images taken with any FLIR camera. Email us your infrared images and we create comprehensive ThermPrint™ reports.

Thermally profile your data center in 2 steps:

- 1 Take infrared images of rack inlets using any FLIR camera (e.g. FLIR One, E4 and C2 cameras). Infrared images can be made by your data center staff or by external service providers. Infrared images or CSV files are then emailed to us as encrypted ZIP files.
- 2 Using proprietary software developed by our company we extract temperature data from the files and create comprehensive thermal reports. Our ThermPrint™ graphs empower you to compare thermal profiles from different rooms, spot thermal trends and much more!



[Thermprint™ reports can be ordered online at technologycare.com](http://technologycare.com)