

**7<sup>th</sup> July 2015**

## **How to Reduce Temperature Related Control System Downtime**

**A free seminar presented by Rittal and CSS**

### **Agenda Update Below**

It's that time of year again, you've decided to have a summer holiday in the good old UK – great news, it looks like there's a heat wave on the way.

But what about your company's control systems?

FACT

**Too Hot = Equipment Failure = Downtime (and callouts!) = £££££**

CSS would like to invite you to a free seminar that will explain some simple options available to reduce expensive downtime.

The Seminar will be held at our Llantarnam offices (near Cwmbran) on the **7<sup>th</sup> July 2015**.

We will be starting at **9:00am** with bacon rolls and tea/coffee.

The presentation and associated hands-on demonstration will start at **9:30am** and finish at **11:30am** (including a break for refreshment).

#### **Note**

All attendees will receive a free magnetic panel temperature indicator and a copy of Rittal's Therm software (which simplifies the often time-consuming and complicated calculation of enclosure cooling and heating requirements).

Please contact Sophie on 01633 868168 to reserve your place to avoid disappointment.

# Agenda

The presentation will be split into two 45 minutes sessions with a break for refreshments and an opportunity to explore some demonstrations.

## Session 1 - Introduction

- The need for enclosure cooling
- The cost of ignoring overheating
- Tell-tale signs that an existing enclosure is too hot
- Methods used to establish the enclosure internal temperature
- The value of planning
- Suitability of cooling solutions for particular environments
- Relative energy efficiency of different cooling products
- Importance of service and maintenance

## Session 2 – Tried and tested solutions from Rittal

- TopTherm fan-and-filter units
- TopTherm air/air heat exchangers
- Thermoelectric coolers
- TopTherm cooling units
- Air/water heat exchangers
- Chillers
- Therm software



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