



# SAIRAC

The South African Institute of Refrigeration and Air Conditioning

[www.sairac.co.za](http://www.sairac.co.za)

Dear SAIRAC members

You are invited to our Johannesburg Centre 1st Technical Talk on 13 February 2025.



This Technical talk will be presented by Mr Robert Fox from Club Refrigeration. Mr. Robert Fox, holds a National Diploma in Production Management, studied at Technicon Pretoria and attended various other courses. Robert currently works at Club Refrigeration CC and is the Senior Cost and Design Estimator and has been working for Club Refrigeration for 31 years (since 1994) performing heat load calculations.

**SYNOPSIS: OPEN SOURCE VERSUS PROPRIETARY  
HARDWARE/SOFTWARE SOLUTIONS FOR THE HVAC INDUSTRY**

We will be discussing the differences between open source and proprietary solutions for the HVAC Industry.

Will open-source hardware and software be suitable for the HVAC industry? Can they co-exist along with proprietary systems in the HVAC Industry.

We will talk about Python, BAC0 and BACNET interoperability.

We will look at a road map for the HVAC technician/professional to get started learning programming and microcontrollers

A case study will be presented demonstrate using open-source hardware and software co-existing with Proprietary hardware.

DATE: THURSDAY 13 FEBRUARY 2025

TIME: 18H30 – 19H30 (ONLINE ZOOM)

Please click on the link below to book.

<https://us02web.zoom.us/meeting/register/wiUW4lvSR5Cd7OkhKpmUBA>

Kind Regards,

Mariet Pieterse

Johannesburg Secretary



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