

**SECTOR:** Telecommunication

**CLIENT:** –

**LOCATION:** Kuala Lumpur, Malaysia

**DATE:** November 2022

# IMPROVING INDOOR AIR QUALITY AT TELECOMMUNICATION CENTRE

**CAMFIL INSTALLED BASIC-FLO AT TELECOMMUNICATION CENTER TO PROVIDE BETTER INDOOR AIR QUALITY**

## ABOUT THE CUSTOMER

Our client is one of the leading virtual connectivity and services business enterprises, empowering societies and keeping customers connected. Their priority is to supply connectivity in a safe, reliable and green manner to Malaysians across the country. In addition, they've built solid basics and information in future-gear up networks, digitalisation, customer convenient, place of business and people development, and accountable enterprise practices – shaped by a way of life of innovation.

They strongly believe that their services will empower all of us to improve our lives, build societies and secure a higher destiny for all. Being client-obsessed, the employer pushed to continuously innovate and supply personalised, engaging and safe digital services and products to enhance Malaysians' digital lifestyles.

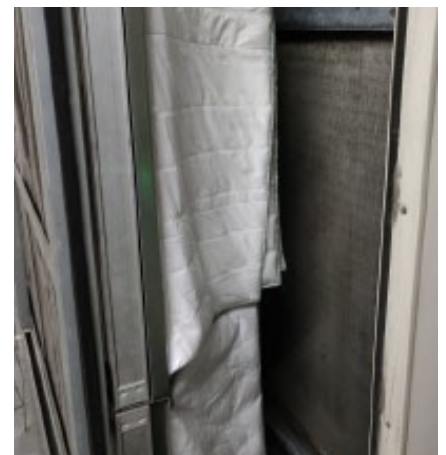
## THE PROBLEM

Customer re-tend to open office and request to improve the Indoor Air Quality (IAQ). The Camfil team visited the office area and found that there was an Air Handling Unit which was installed with only Pre Filter (G4/MERV 9.) Plus, no

secondary filters were installed in the building. The office environment was unpleasant and impacted the effectiveness and overall productivity of the organisation.



Pre Filter (G4 / MERV9)



Secondary Filter Installed (F8 / MERV14)

## THE SOLUTION

Camfil has proposed to install a Secondary Filter (MERV 14). An air image was used to monitor the performance of PM1, PM2.5 and PM10. Thus, the case study shows that by installing the Secondary Filter, PM2.5 was further reduced to a level of 0.1 to 0.5. Hence, it is recommended that all AHU's be installed with Secondary Filter (MERV 14) to further improve the IAQ conditions at the customer place.



- **ECONOMY VERSION**
- **RESILIENT SYNTHETIC FILTER MEDIA**
- **OPTIMIZED FILTER AREA WITH CONICAL FILTER BAGS**
- **ROBUST METAL HEADER FRAME**

Camfil's bag filter comes with a synthetic media in a steel frame. It is available in ePM1 as well as ePM2.5 and ePM10 efficiencies according to ISO16890. This product range comes with a reduced amount of bags for cost optimization.

