

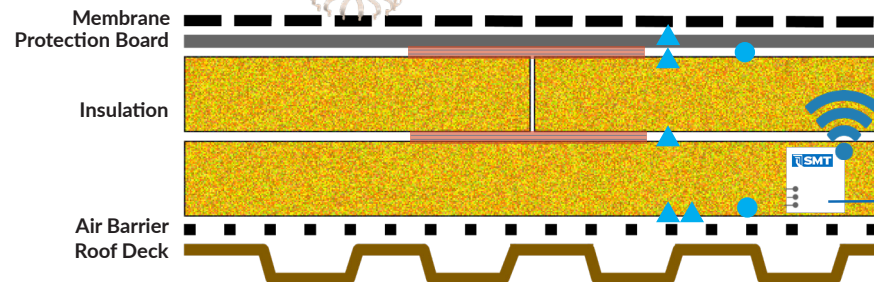
# CONVENTIONAL ROOFS



## EXISTING CONSTRUCTION

### Solution 1: DigiSCAN 360°

Pin-point locating active leaks and/or performing DigiSCAN 360° yearly for preventative maintenance.



### Solution 2: Investigation

Opening a conventional roof and installing **Moisture Detection Tape (MDS)**, **Moisture Content / Temperature (PMM)** and **Relative Humidity** sensors for investigation from the top side of the membrane.

Analyze trends, weather, moisture and temperature profiles from the comfort of your office.

- Moisture Detection Tape (MDS)
- Moisture Content / Temp (PMM)
- Relative Humidity / Temp
- A3 Datalogger

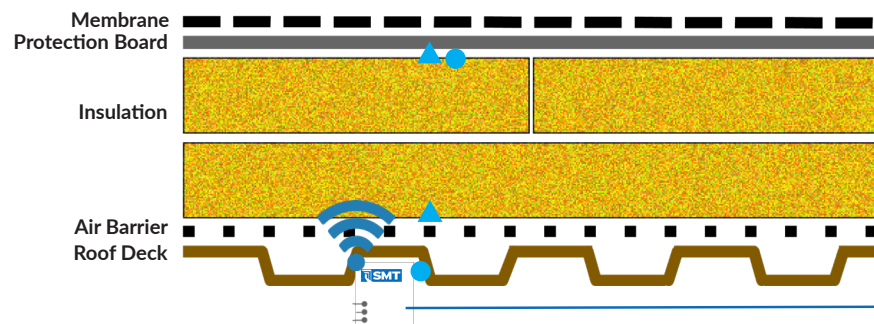
### Building Intelligence Gateway (BiG)

View data remotely  
OR  
Collect data on the  
next site visit



### Solution 3: Monitoring

Monitoring existing conventional roof for investigation during commissioning, entrapped moisture, roof leaks and current conditions of the system of membrane, insulation, and air barrier.



- Moisture Content / Temp (PMM)
- Relative Humidity / Temp
- A3 Datalogger

## PREVIOUS PROJECTS



**UBC Life Sciences Centre**  
© UBC  
75,000 Sq. Ft.  
Building Intelli leak detection system & flood monitoring



**RCMP H Division Headquarters**  
© SMT Research  
256,000 Sq. Ft.  
Conventional roof investigative system inside sealed TPO assembly