MySiteCare is a monitoring and diagnostic unit which provides mechanical and electrical health status of assets. It acquires circuit breakers data from different sensors and converts it to diagnostic information. MySiteCare can communicate with additional sensors to have further asset information. Each unit handles a single circuit breaker. It can be installed on ABB and non-ABB medium voltage assets.

MySiteCare monitors the following variables:
- Operation of the mechanical part: opening and closing times, spring charging time, slipping and failed spring charging attempt, number of operations, idle time.
- Remaining life estimation and contact wear.
- Environmental temperature of the circuit breaker compartment.
- Temperatures in critical points on primary circuit.

MySiteCare allows to see immediately the asset condition by its traffic light so to evaluate promptly the action to be planned. MySiteCare connects to the MyRemoteCare cloud-based dashboard showing the asset health status remotely.

**Safety and reliability**
- Real time asset health status awareness
- Long time availability of switchgears and circuit breakers

**Optimize your maintenance plan**
- Minimize planned maintenance shutdowns
- Reduce total costs of ownership by reducing operational costs

**Maximize uptime and productivity**
- Avoid unexpected failures
- Optimization of product lifecycle
Central unit
It is the monitoring and diagnostic unit providing a set of binary inputs to monitor the circuit breaker operations and timings and connected to additional specific sensors.

RFID identification sensor
It identifies and traces the replacement of the breaker in the switchgear or the breakers swap between panels.

Current sensor for contact wear estimation
This hall-effect current sensor is clipped onto the secondary circuits of the current transformer inside the auxiliary compartment, enabling trip current to be measured.

Current sensor for spring charging gear motor analysis
This hall-effect current sensor analyzes current waveform absorbed by the spring charging motor during operation, in order to detect mechanical and/or electrical wear out.

Infrared hot spot sensors
Up to 8 infrared hot spot temperature sensors measuring critical connections.