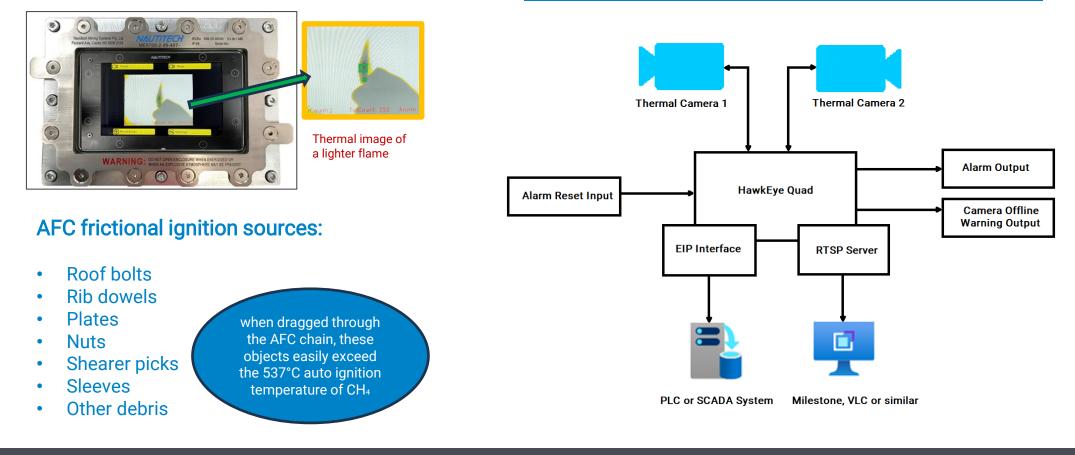


## REDBOLT technology detects and minimises safety risks on Longwall and Conveyors

- REDBOLT solution analyses outputs to the LW CME, to raise an alarm and stop the longwall, when hot objects exceeding the threshold are identified
- Allows for a large temperature safety margin to prevent CH<sub>4</sub> gas ignitions
- Access drifts can be scanned for failed conveyer rollers and belt rubbing on structure from misalignment

- □ Hot object detection on AFC, moving at up to 4 m/sec
- Temperature range: 0°C to 550°C
- Autoignition temperature of methane is 537°C
- □ Cutoff threshold set to 115°C
- □ Ethernet/IP for SCADA/PLC integration
- □ RTSP stream with analytics



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