Introduction...

Heat Tech's **Remote Monitoring System (RMS)** utilises wireless telemetry technology coupled with a custom software application to provide an innovative solution to on-site heat treatment with benefits including:

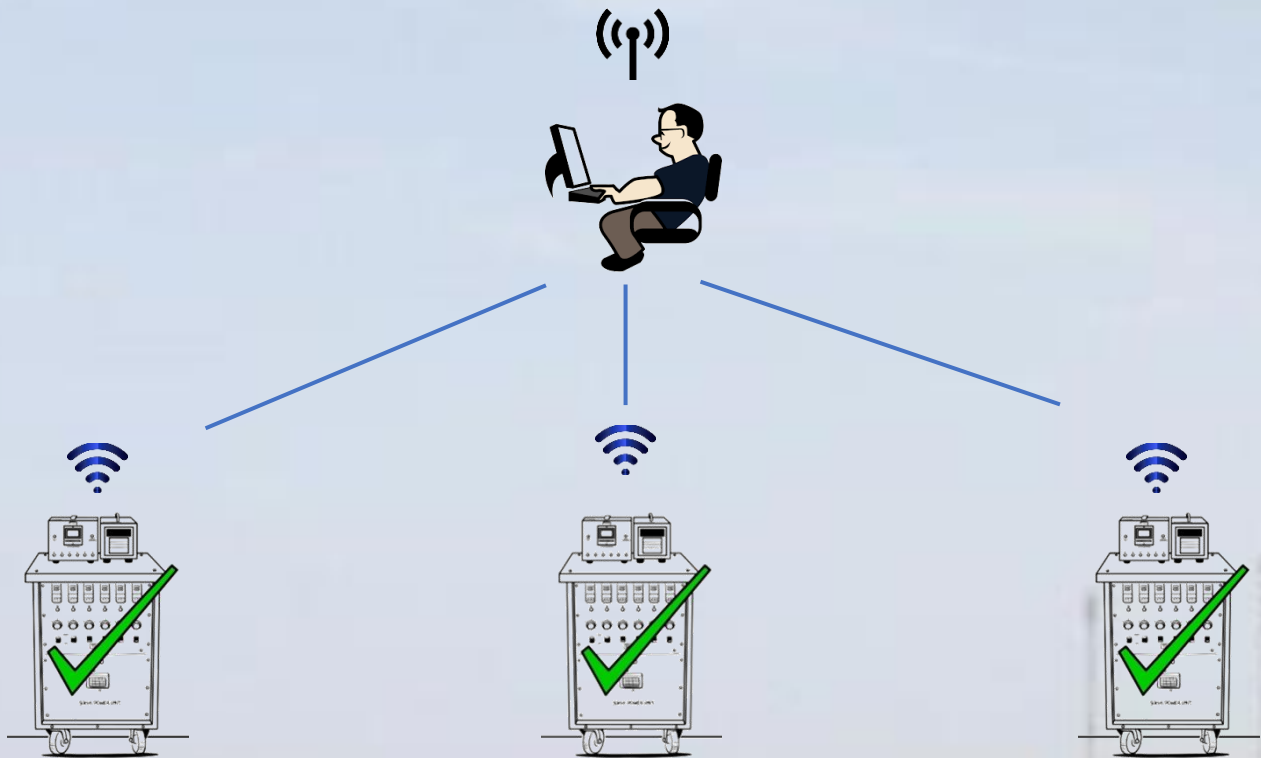- Cost Reduction

- Quality Improvement

- Risk Reduction

- Increased Control & Reliability

How it works…

Multiple work fronts can be simultaneously monitored from an on-site remote safe-haven, using a computer connected via Heat Tech's RMS Network. The network consists of long-range Wi-Fi transceivers, which can be installed with repeater stations to suit any on-site application.

The software application is a graphical user interface with programmable alarm features
which provide visual and audible alerts in the event of anomalies, resulting in prompt fault rectification and increased quality control.

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Features…

Video monitoring capacity for multiple HDIP cameras installed at work fronts to provide positive fire-watch and activity monitoring.

Remote shut-down functionality allows the remote computer to shunt trip the power to any individual heat treatment unit in the event of an emergency.
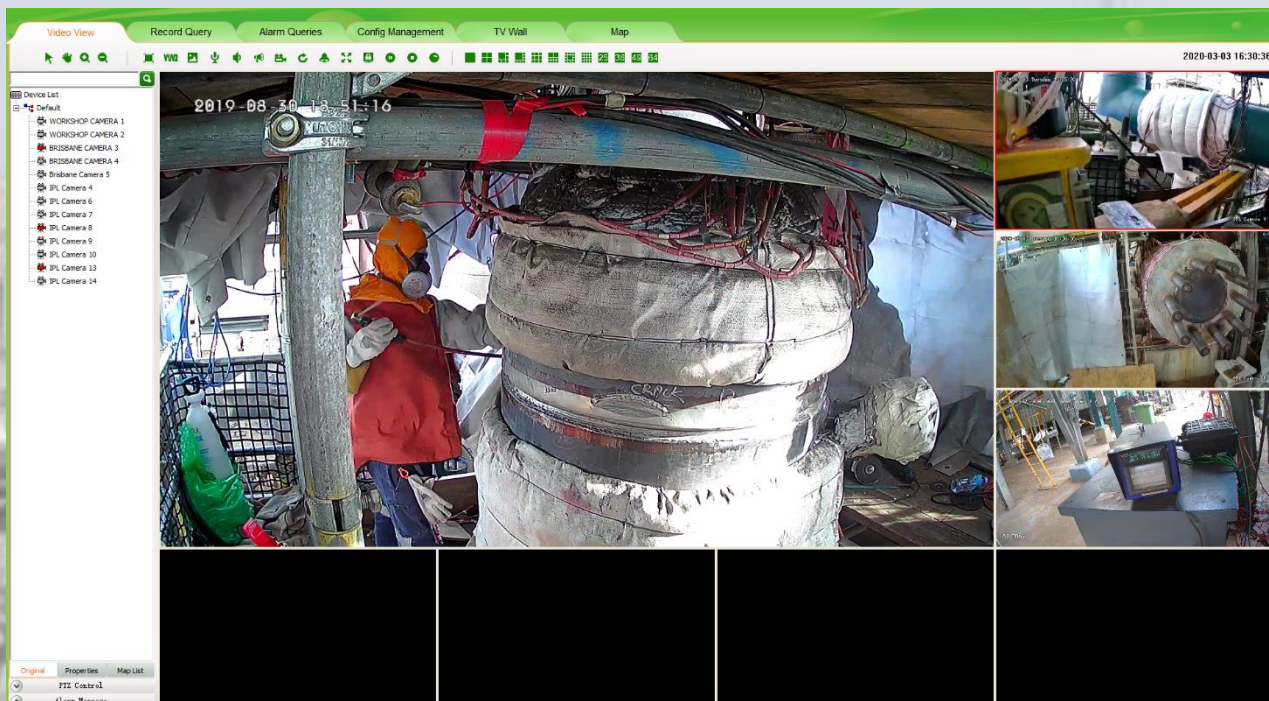
The result…

- Operator efficiency is increased due to remotely monitoring multiple work fronts while technicians move on to the next job, resulting in lower overall labour costs.

- Minimised technician *time at the coalface* i.e. minimising exposure to hazardous work environments, reducing risks via the Elimination Method – the highest in the hierarchy of risk controls.

- Safe, continuous operation of heat treatment cycles without interruption, even during site events that require personnel evacuation i.e. inclement weather, radiography etc.