

Risk Mitigation Case Study

NEXA HELPS HOTEL IMPROVE GUEST SAFETY AND SAVE \$4K PER YEAR IN ENERGY COSTS

Context

270-room, full-service hotel installed Nexa to monitor the water temperatures across their building.

The hotel's engineering team wanted to gain additional visibility into the status of their plumbing system, especially since the hotel had been built in the 1960s. As a result, they installed Nexa temperature sensors throughout the property. This allowed the team to monitor domestic hot water temperatures as it goes to each hotel guestroom.

Data

Nexa's temperature sensors detected very high water temperatures supplying the guestrooms, creating a scalding risk for guests.

Nexa's sensors observed that the hotel's mechanical room was supplying water to the guestrooms at temperatures as high as 160°F, which created risks for guest scalding. The Nexa platform immediately alerted the hotel team of the situation.

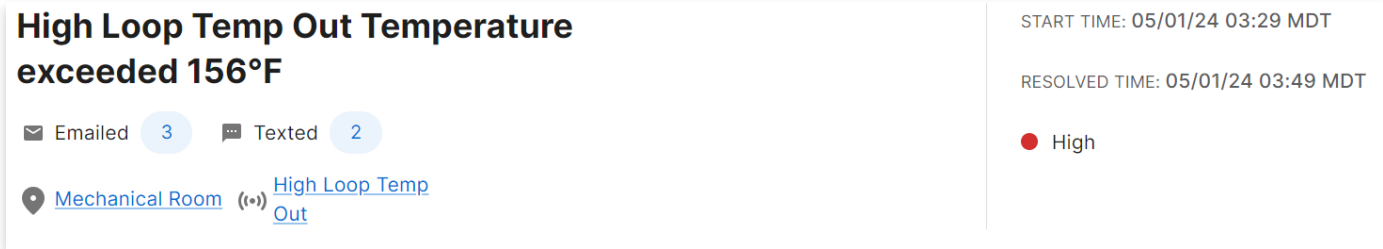


FIGURE 1 – NEXA HIGH TEMPERATURE ALERT.

Action

The maintenance team adjusted hot water settings using Nexa's insights, restoring guestroom water supply back to a safe temperature range.

Equipped with Nexa's alerts, the maintenance staff swiftly acted to re-adjust domestic hot water heater setpoints, aligning with safety guidelines. Soon afterwards, guestroom water temperatures returned back to a safe and comfortable level for the hotel guests.

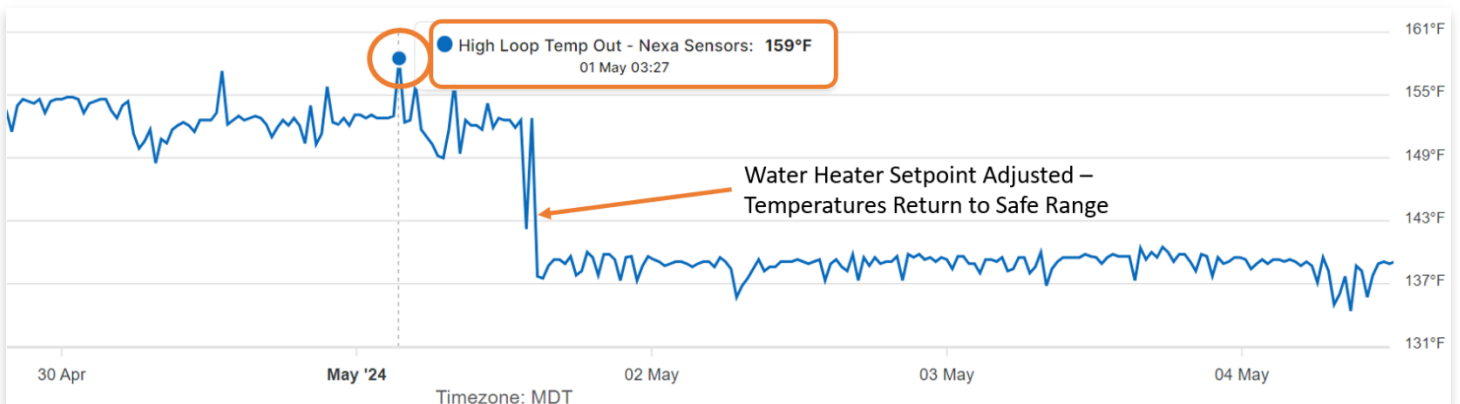


FIGURE 2 – NEXA DETECTS TEMPERATURE SPIKE OF ~160F AROUND 3:30AM.

Value

In addition to ensuring guest safety and comfort, the hotel was also able to save \$4K annually by reducing water heating costs

Nexa delivered significant value to the hotel by ensuring guest water safety. Furthermore, by reducing the water heater setpoints, the hotel was also able to reduce its energy costs to heat the water. On an annualized basis, this adjustment saved the hotel \$4k in energy bills.

The hotel's director of engineering was very pleased with his Nexa experience, stating: "I can now solve issues, with the support of Nexa, often weeks faster than I could without. The system's ability to detect and alert our staff to issues before they escalate allowed the team to prioritize guest safety and operational efficiency. Now that I use Nexa's system, I can't imagine going back to a world without it."

Ask how Nexa can help you ensure guest water safety and comfort

