

# EUGENIE: PATENTED AI FOR ASSET RELIABILITY

## RAY-FINN

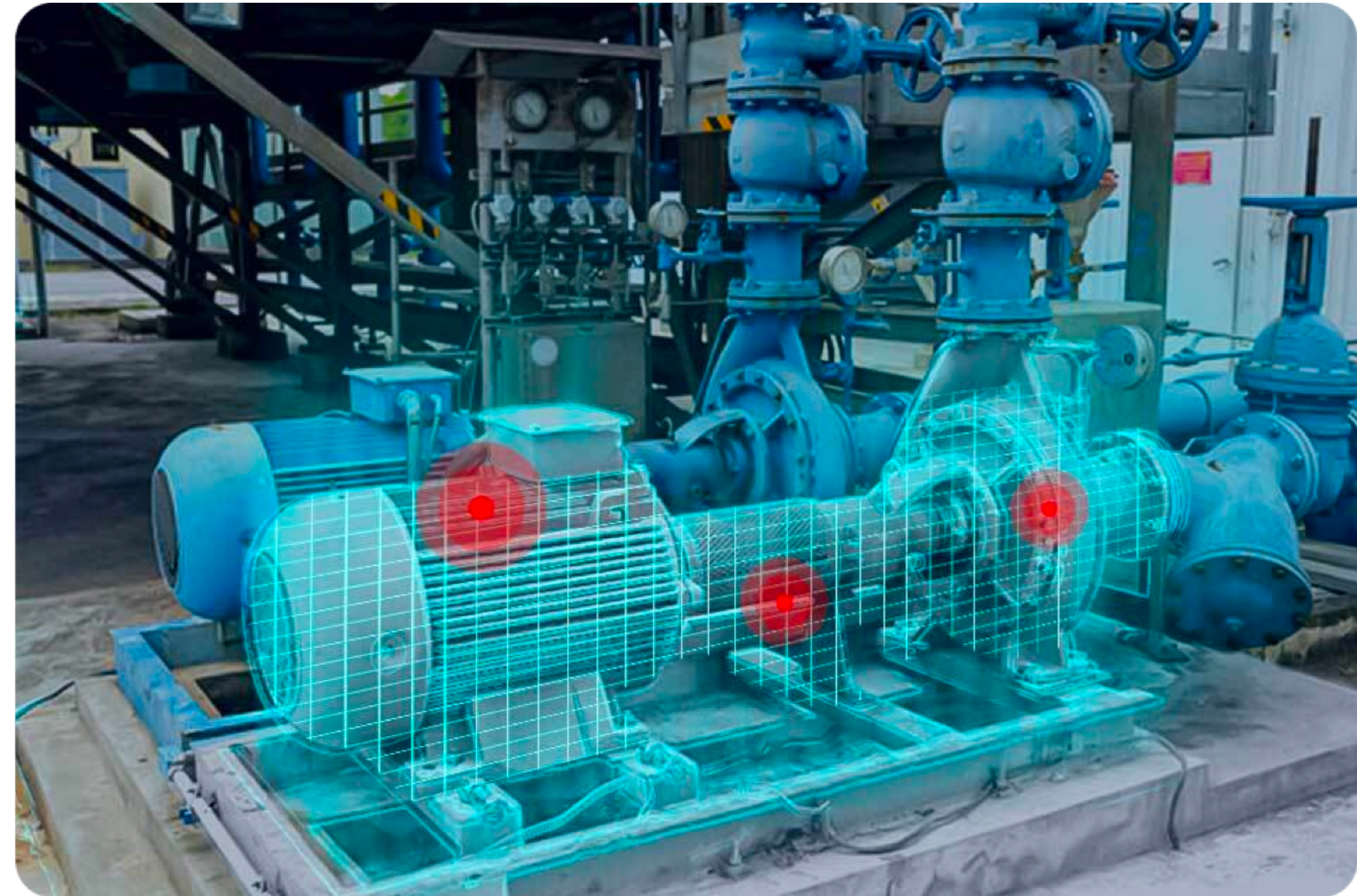
AI-powered anomaly detection for **data integrity**

1 US patent granted

## PAPILLON

Diagnostics platform for **machine integrity**

3 US patents pending



# EUGENIE HELPS TO TRACK PERFORMANCE IN REAL-TIME...

## Pump 7A

Last alert timestamp Apr 13, 2019 3:30 PM

Updates every hour

Probability of failure  
In the next 7 days **60%**

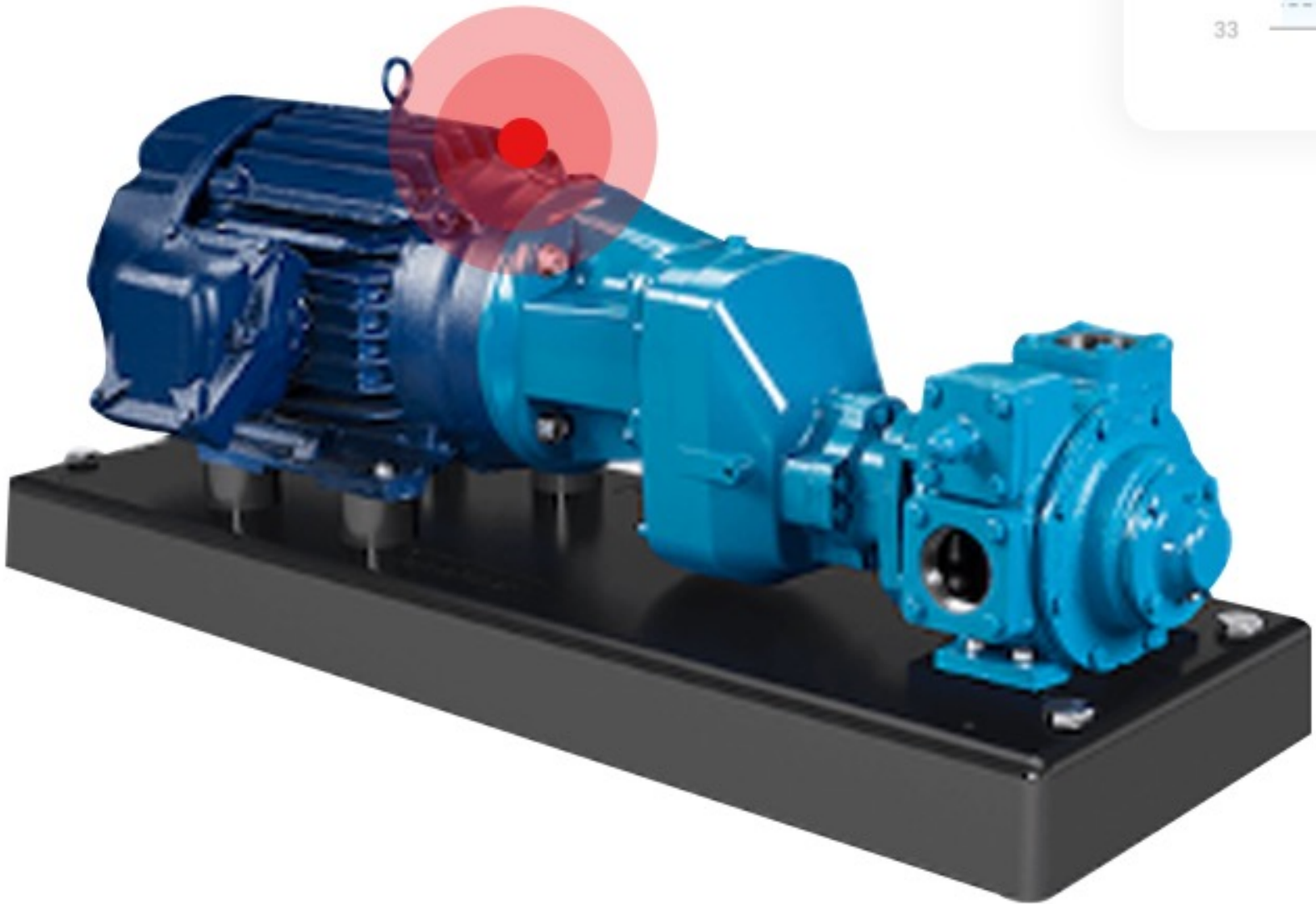
Electrical\_Motor\_Power **↓ 3.84%**

NDE\_Motor\_Radial\_Vibration\_10X **↓ 5.35%**

Live data

### NDE\_Motor\_Radial\_Vibration\_10X (mm/sec)

Current Value 36.28 mm/sec



# ... PREDICTS FUTURE FAILURES

## Compressor Discharge Press PI - 1558 fall

Compressor Discharge Press PI - 1558 fall

Open Prediction

Alert timestamp  
13 Oct 2020 13:43

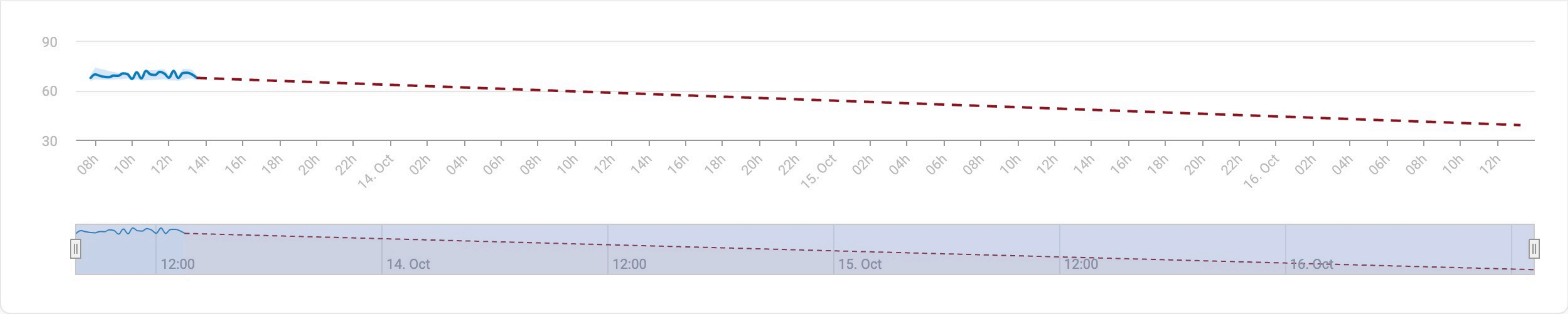
Time to failure  
**72 hrs**

Probability  
**67 %**

Alert useful?

[Send to Email](#)

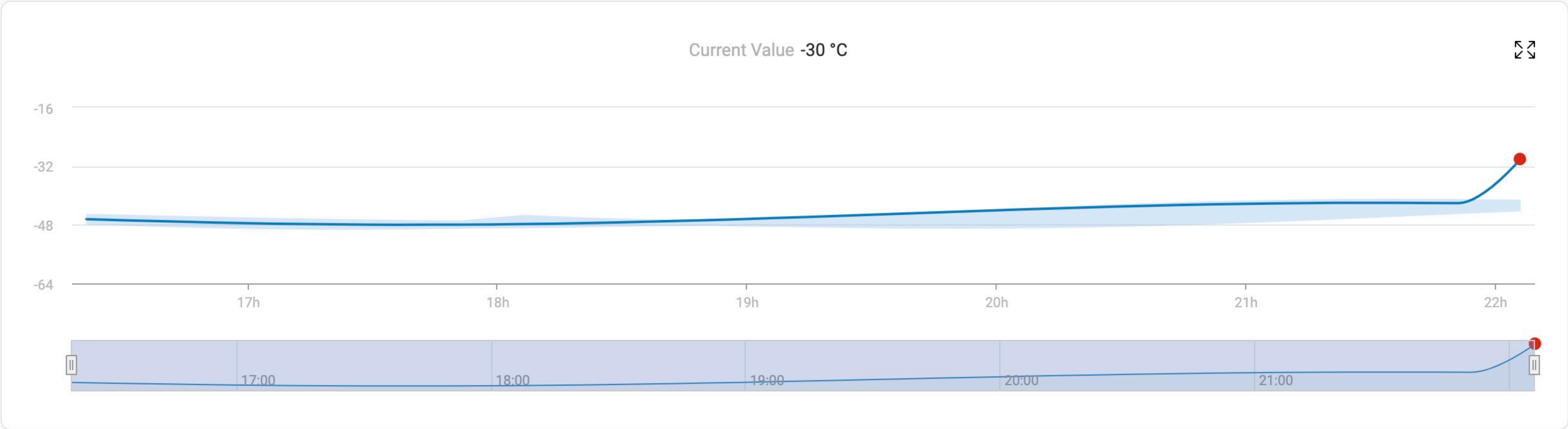
[Close Alert](#)



# ... DISCOVERS ROOT CAUSES

↑ 40% more than the average value since 3 days.

-46 °C



# ... & PRESCRIBES NEXT STEPS

Root Cause

Expander Inlet Temperature TI - 1553  
↑ 100%

Standard Operating Procedures

Check E-1401 performance

# ... WITH EVIDENCES

