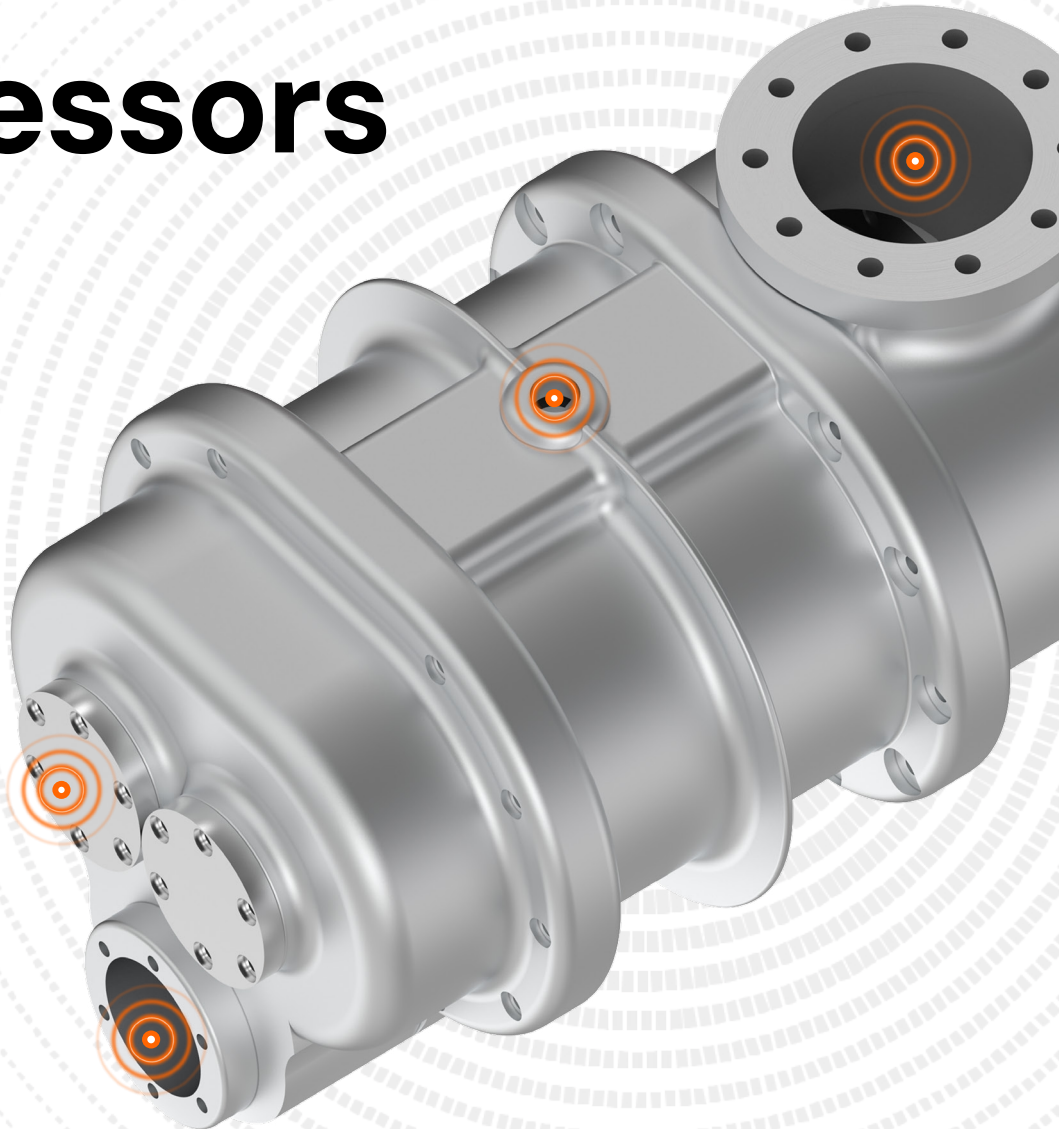# novity®

TruPrognostics™ for

Screw Compressors

The Truly Predictive Maintenance Solution

DETECTS FAULTS
WEEKS BEFORE FAILURE

MORE THAN
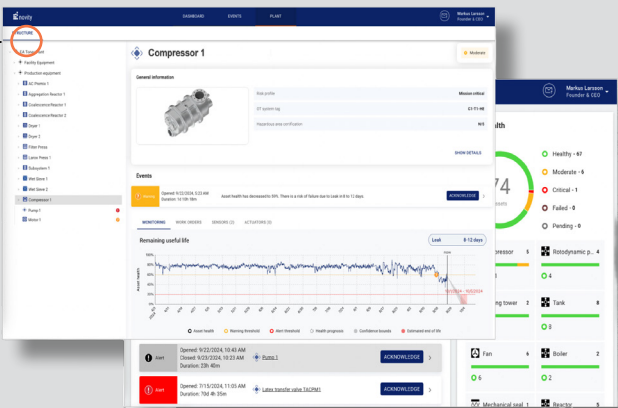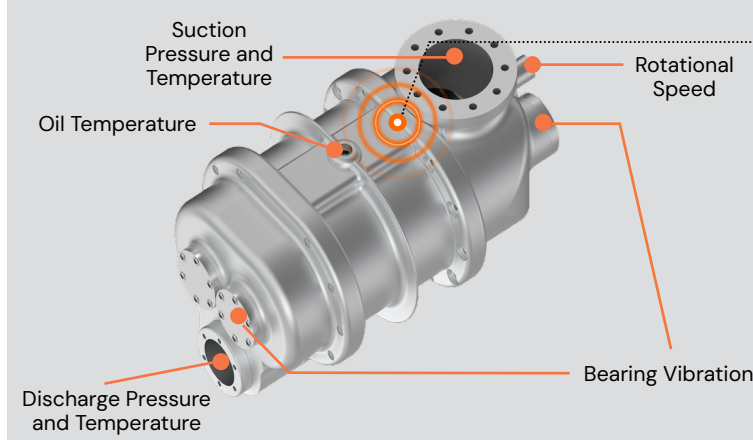**85% ACCURATE**

LESS THAN
ONE YEAR ROI

Built for Screw Compressors

TruPrognostics for screw compressors is an industry-leading tool specifically built for predicting failure modes common for your screw compressors. Novity's revolutionary TruPrognostics engine uses a carefully constructed combination of physics-based models and machine learning to detect faults at the earliest possible point in their progression and to provide an accurate estimate of the machine's remaining useful life. Because TruPrognostics is based on physics-based models, the solution produces great results no matter what historical data you have. Get the ability to predict **male rotor travel, poor lubrication, internal leakage, bearing faults, motor faults**, and many other fault modes.

The Right Sensor for the Right Job

Suction Pressure and Temperature

Oil Temperature

Rotational Speed

Bearing Vibration

Discharge Pressure and Temperature

Remaining Useful Life Dashboards

*Novity TruPrognostics can monitor screw compressors using data from several combinations of the above sources.

Key Features

- 24/7 Always-On Monitoring
- Integrate with your CMMS and historian
- No historical data required

Value

- Over 85% Accuracy of Predictions
- Detect Faults Weeks Before Failure
- Fast ROI Payback Period

Reports & Notifications

- Anomaly Detections
- Fault Diagnoses
- RUL Estimates

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novity®

TruPrognostics™

Our TruPrognostics engine is a truly predictive system that combines machine learning, hybrid model reasoning, and fundamental physics principles to accurately estimate the remaining useful life of critical manufacturing and production equipment even if you lack high quality historical data.