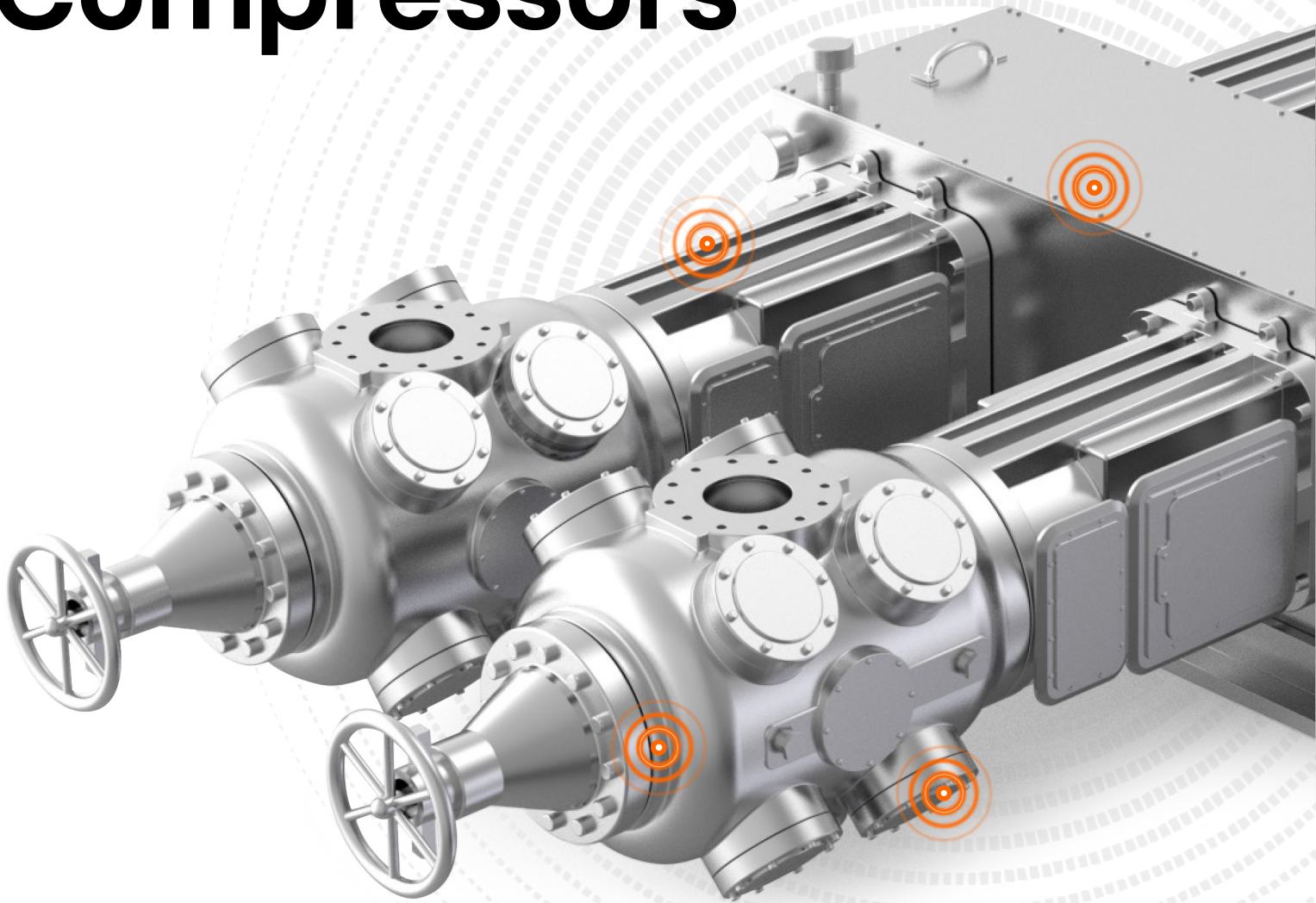


# Reciprocating Compressors



## The Truly Predictive Maintenance Solution

DETECTS FAULTS  
WEEKS BEFORE FAILURE

+

MORE THAN  
90% ACCURATE

+

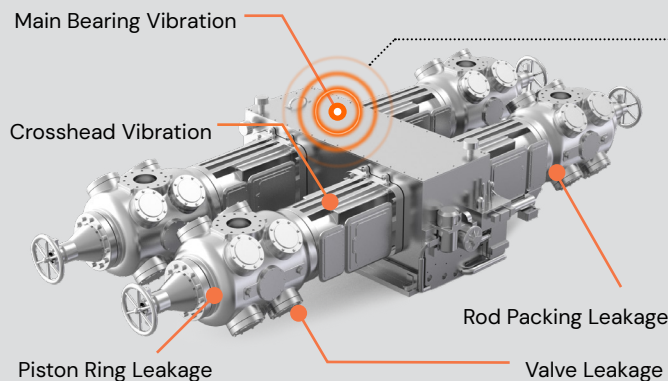
LESS THAN  
ONE YEAR ROI

# Reciprocating Compressors

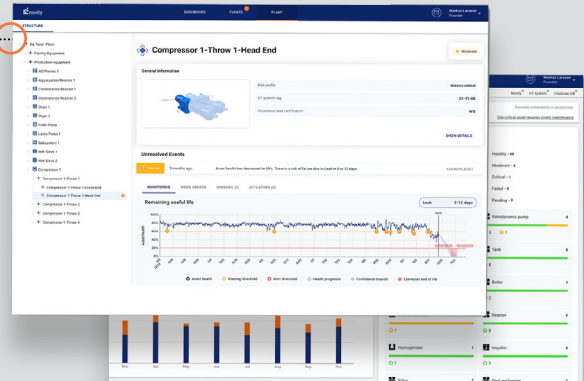
TruPrognostics for reciprocating compressors is an industry-leading tool specifically built for predicting failure modes common for recip. Novity's revolutionary TruPrognostics engine uses a carefully constructed combination of physics-based models and machine learning to detect faults

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.

## The Right Sensor for the Right Job\*



## Remaining Useful Life Dashboards



\*Novity TruPrognostics can monitor reciprocating compressors using data from several combinations of the above sensors.

## Key Features

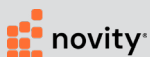
- 24/7 Always-On Monitoring
- Integrate with your CMMS and historian
- Easy Installation using virtual sensors
- No historical data required

## Value

- Over 90% Accuracy of Predictions
- Detect Faults Weeks Before Failure
- Fast ROI Payback Period

## Reports & Notifications

- Anomaly Detections
- Fault Diagnoses
- RUL Estimates



## 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.

