

# **The Prognostics Company**

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**Cassandra** Prophet of critical future events in Greek mythology

## **Prognostics for Predictive Maintenance**

What it is

- A condition-based prognostic solution for industrial asset operators
- Allowing to minimize scheduled and unscheduled downtime
- Based on advanced mathematical techniques **backed by a proprietary methodology**



Flexible and optimized scheduling & scoping of maintenance intervals

#### And where it is applied (examples)



**Fossil-fired power plant:** all missioncritical components including the boiler feed pump to enable market-driven availability and cycling of plant



**Steel plant:** prognosticate malfunctions, especially on the bearings, of a slab upsetting press



Gearbox of a compressor in a refinery: eliminate unscheduled malfunction events, provide operations support and organizational learning



*Cyclone pump set in mining processing plant:* malfunction risk forecast to enhance safety and optimized maintenance cycles

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## Predictive Analytics generates early warnings – Prognostics delivers true foresight







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