

Who

An Italian steel company with an annual capacity of 1.1 million ton using electric arc furnaces (EAF) to produce semi-finished and finished products like billets and rods.

The challenge

The plant manager wishes to avoid unexpected transformer failure and production downtime. Additionally, a quick glance on the overall fleet condition can help in ranking of assets by intervention priority.

The solution: RONIN AI

Seetalabs' Ronin AI predicted the health index of transformer fleet and assisted plant facility manager with:

- Isolating **17.65%** high-risk assets with replacement needs
- Optimizing availability of **16.67%** assets by evaluating maintenance work
- Risk and priority-based ranking of **100+** assets
- Reduce testing cost by **40%** and **2x** in downtime

