



CASE STUDY



[BRAZIL]

ENISCOPE®



Metal Foundry Saves 42.5% on Energy Bills Through the Power of Energy Monitoring

To tackle the rising energy costs in Brazil, EfficienC teams up with Energy Management company Wattson & SENAI Engineers to deliver real results through the Eniscope.

Legislation has become increasingly strict worldwide in regards to energy consumption within manufacturing sector related activities. Metal casting, although one of the oldest manufacturing processes, is also one of the most energy intensive - with elements like motors, lighting and industrial ovens posing significant energy challenges.

In this project, EfficienC were quick to analyse and identify large areas of waste, and with the help of the Eniscope data, a massive leakage within the air compressors was recognised and monitored.

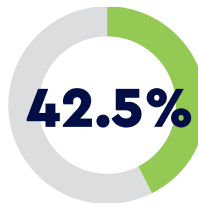
Client

What are the project headlines?

The work EfficienC achieved within just five months from installation solidified further plans to roll-out Eniscopes in different areas of the Foundry:

- Total money saved stands at approx. US \$67,677.00.
- Cut clients levels of CO2 in half

After delivering first-class results, EfficienC now progress into stage two of the installation process where 4 more Eniscopes will be fitted to monitor illumination and the motors.



Energy Savings



Return on Investment



Cost Reduction in Cast Metal Production



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