

Why IR Analysis?
It is a reliable and cost-effective way to identify imminent or existing problems with the refractories.



HOT SPOT DETECTION



CIRA ANALYTICS
HOT SPOT DETECTION
BY ANT-AUTOMATION



CIRA FOR LADLES • CIRA FOR TOPEDOES • CIRA FOR EAF • CIRA FOR LMF

CIRA is the most advanced hot spot detection system on the market, optimized for the Iron & Steel industry.

Based on AI models to identify and classify spills and splashes minimize false alarms reporting real hot spots.

The AI models also warns about developing hot spot at fixed stations, even before the ladle area reaches high temperatures, giving extra time to take actions.

It can monitor fixed stations, ladles being moved for a crane and torpedoes while passing by the tracks.

CIRA also includes state of the art User Interface. Web based, not require applications to be installed and unlimited users can access the UI from any device or computer.

WHY CIRA?

- Integrated system. Simple installation and maintenance.
- Hardware reliability. Best camera and enclosure for hardship environments.
- Smartest analysis software. Minimize false alarms & early detection.
- Open database, communication with any PLC and Level 3 systems.
- Scalable.
- Full Web User Interface.
- Plant customization. We know every plant is different and presents challenges. ANT customizes each installation. No complaints, we LOVE what we do. Your satisfaction is our fulfillment.

MORE INFO
CONTACT US

(+1)412-736-9170



651 Holiday Dr STE 400, Pittsburgh, PA 15220

HERE, HOW TO AVOID THIS!