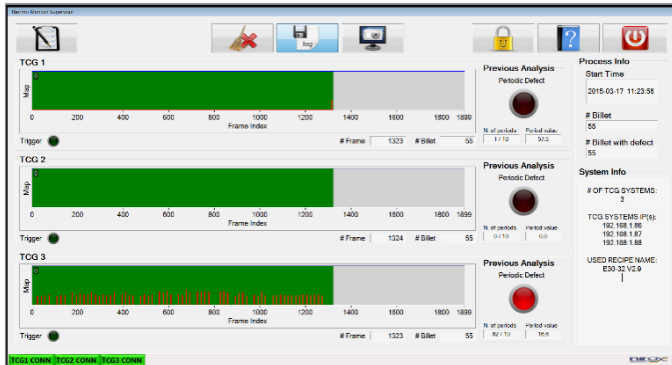


# PROCESS INSPECTION

## THERMOGRAPHIC ANALYSIS OF HOT ROLLING PROCESS

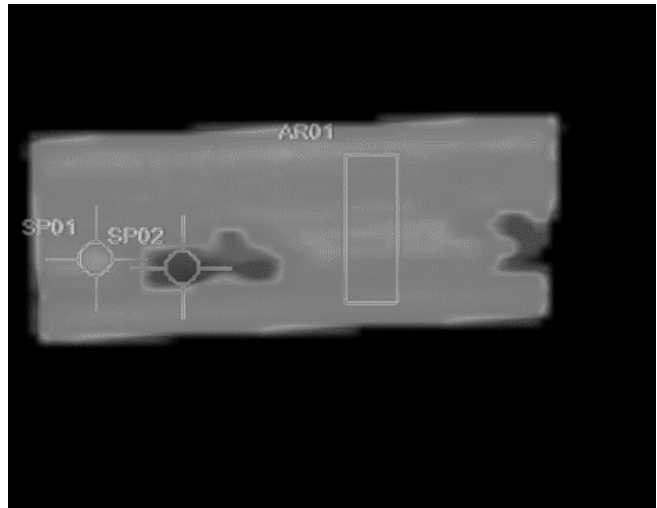
METAL



NIROX's inspection system is based on **thermographic images processing through dedicated algorithms** and allows to detect **casting and rolling defects**.

In addition, the processing of the video stream allows to **highlight a break in the rolling rings**; this signalling enables a **timely intervention** that avoids the worsening of the situation.

The process is controlled by **several thermal imaging cameras** installed among the **rolling stations**.



## ADVANTAGES

- **customized realization** on specific needs
- **inspection in harsh environments**
- **predictive control of rolls breakage**
- **immediate signalling** of production problems
- **quick integration** into production line
- **easy to use**