

## Installation of temperature scanners with necessary infrastructure for two casting lines

The scope of the project was the installation of temperature scanners with the necessary infrastructure for two casting lines. For each line, two scanners were used to make measurements on three walls of the band. The implemented solution is based on the use of special LANDSCAN LSP-HD scanning heads designed for steel mills. The system measures temperature across the band at 1000 points up to 150 times per second. Based on this data, a real-time thermographic chart of the band is created. The data is also archived. The system is coupled to the production system, allowing identification of finished products. The software allows the recorded data per product to be viewed in the form of a thermographic map and detailed temperature graphs across and along the product. The software also provides detailed statistical data.