

## OUR DNA

*"Innovation, Industrial solutions and a Vision for the future are the watchwords of the 270 employees of the Center for Research in Metallurgy. Since 1948, the CRM Group has been supporting its customers from the creation of ideas to the implementation of innovative solutions by responding to their industrial challenges, whether economic, societal or environmental."*

**JOERI NEUTJENS**

CEO CRM GROUP



## CONTACT US



[bdservices@crmgroup.be](mailto:bdservices@crmgroup.be)



+32(0)9 243 57 68



Tech Lane Ghent Science Park  
Technologiepark 48C  
9052 Zwijnaarde - Belgium



[www.crmgroup.be/isyroll](http://www.crmgroup.be/isyroll)



## ISYROLL

INSPECTION SYSTEM FOR ROLLS  
DIGITAL TOOL FOR IMPROVING  
YOUR WORK ROLL PERFORMANCE

All Types , All Severities  
 All Types , All Positions  
 All Positions , All Severities

- Temperature
- Temperature Mid1
- Temperature Mid3
- Temperature Oper
- Degradations

SurfaceDegradationType

Back To List

- Top F1 Mid1
- Bottom F1 Mid1
- Top F2 Mid1
- Bottom F2 Mid1
- Top F3 Mid1
- Bottom F3 Mid1
- Top F4 Mid1
- Bottom F4 Mid1
- Top F6 Mid1
- Bottom F6 Mid1
- Top F7 Mid1
- Bottom F7 Mid1



## DIFFERENT SERVICE LEVELS

Software*	Hardware**	Training & Support
Annual Licence fee 1st time activation	Panasonic ToughPad FZ series with accessories	1 day online training Custom configuration
Software installation Standard Classifications	Temperature probe and NI acquisition system	1 day on-site training Max 6 people/group
Data cloud storage and visualization interface	3 Years All-in Accidental Damage Cover	Multi-day on-site training

\* Available in English, French, German, Spanish, Dutch,  
 Portuguese, Turkish, Italian  
 \*\* Software can be installed on any Windows based OS tablet



## Industrial References

ArcelorMittal, Tata Steel

# ISYROLL PERFORMANCE

## DAILY FOLLOW-UP

No more pen and paper, integrated visualization, any operator language, intuitive wizard, 100% tailored to your mill, short implementation time.



## DIGITALIZATION

Azure Cloud solution for data storage, visualization of results and statistics analysis. Software compatible with your plant data network. Complete service including hardware supply, training, technical background, IT support and expertise on cases of severe degradation available.



## PROCESS OPTIMIZATION

Substantial gains in terms of productivity, material yield and product quality, support on implementation of new work roll grades, continuously improved system.



# INNOVATION

The control of work roll performances remains a major concern for hot strip mills. One shortcoming is accurate information and data recourse at the right production level. The objective of ISYROLL® our inspection system for rolls, is to collect data during work roll evaluation at the end of a campaign. By making this data available it is possible to improve the roll shop practice, work roll performance, assist with process optimization and solve quality related issues such as oxide crisis much faster.

