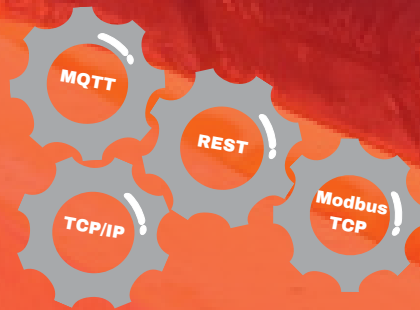## Modbus/TCP Integration

Seamlessly communicate with the PLC, ensuring efficient and reliable data exchange.

Purpose-Engineered Sensors for the Steel & Metal Industry

Distance Series: Single Sensor Solution for reliable, real-time radar distance measurement of hot or cold steel .

Level Series: Single Sensor Solution designed for the extreme conditions above a mold, tundish, or ladle.

Wtl Series: 2 Sensor Self-Calibrating Solution for width, thickness, and angle/skew.

Revolutionize Connectivity with Our High Performing Radar Sensor

MQTT

REST

TCP/IP

Modbus TCP

Versatile Communication Interfaces

The additional COM package offers more interfaces: via TCP/IP , REST or MQTT information can be delivered further on to several recipients on multiple levels, in the plant and also beyond.

MECORAD RADAR SENSOR

Forge Precision Excellence in hot metals measurement with the new Mecorad Radar Sensor at TR Electronic. Embrace unparalleled accuracy and expertise tailored for the dynamic challenges of metal processing through cutting-edge radar sensor technology.

Conquering Environmental Challenges

Our radar sensor, unlike ultrasound or laser alternatives, stands resilient against dust, steam, heat, or vacuum, ensuring consistent and accurate results in challenging conditions.

Safe and Reliable Technology

Our radar sensor, unlike isotopic solutions like X-ray, eliminates risks associated with hazardous radioactive exposure. Prioritizing a secure working environment for both equipment and personnel.

Laser

Ultrasound

Radar

Water mist   Water drops

Dirt, dust, abrasion

Open flames
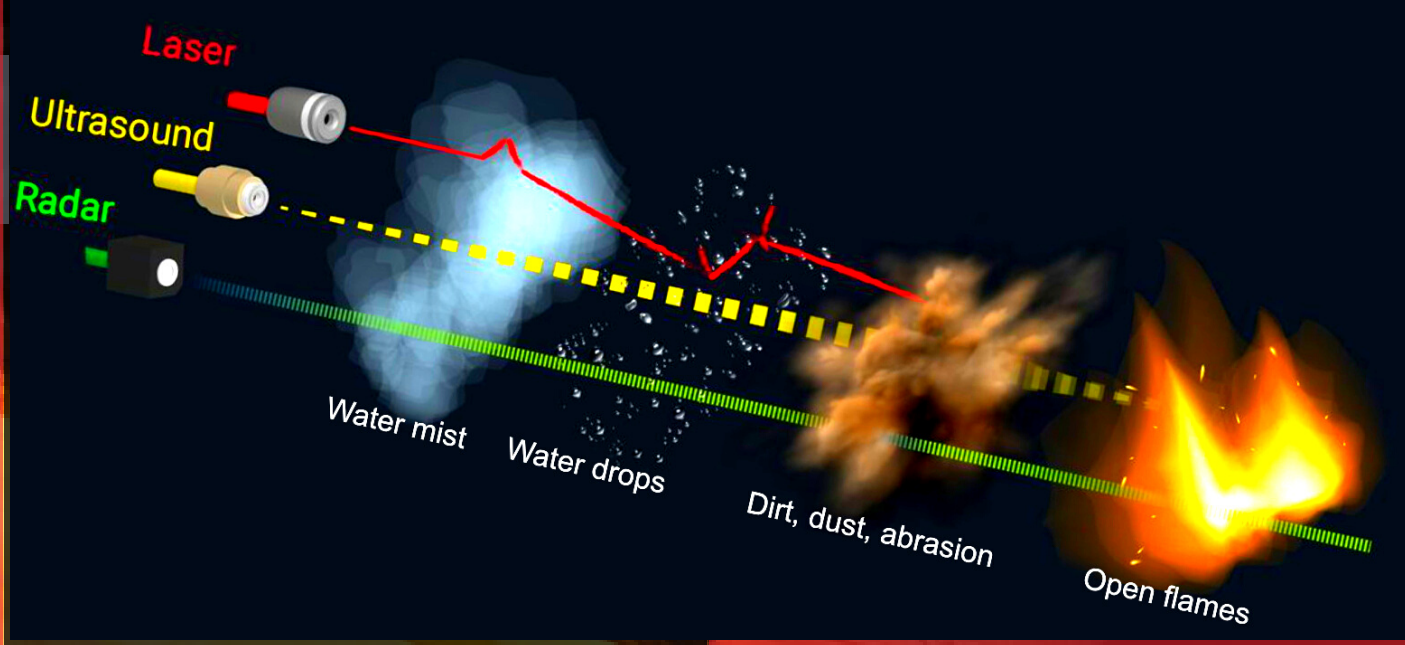
Mecorad Radar Sensor

✓ Based on electromagnetic waves.

✓ Remain unfazed by adverse conditions.

✓ Superior choice for measuring the width, thickness, and length of hot metal.

Ultrasound

✗ Struggle in heterogeneous environment

✗ Dusty workspaces, steam and heat can disrupt measurement

✗ Less suitable for industrial metal processing

Laser

❗ Offer precision under specific conditions but falter in the face of dust or deposits, hindering their performance.