

Stacker / Reclaimer Collision Warning

Bhushan Steel Ltd., Orissa, India

Application

- Stacker / reclaimer machines are operating in raw material stockpiles of Bhushan Steel plant near Angul, Orissa, India
- Booms of stacker and reclaimer machines are prone to collide during operation at the same stockpile
- Extreme application conditions in terms of measurement range, dust, dirt and vibrations

Achievements

- Ten stacker / reclaimer machines are equipped with Symeo LPR-1D[®] positioning technology
- Positions are merged with slew and luff angle of the booms to provide warning signals in case of boom approach
- Uninterrupted system operation without preventive maintenance since commissioning of the LPR[®] solution
- No operational incidents since implementation of LPR based solution

