



Worldsensing - global IoT leader

WorldSensing, a global IoT leader, helps mining and construction companies in their critical assets monitoring through its end-to-end solutions



Our technologies control more than 150,000 sensors in 60 countries



The Solution

Digitize monitoring processes to minimize costs and increase efficiency

loadsensing 6





Reduce cost and speed-up ROI



Guarantee safety



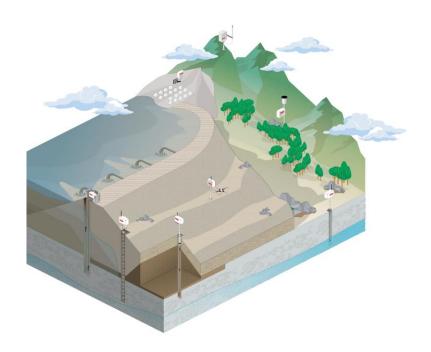
Increase Efficiency



Compliance with global Standards



Loadsensing in mining



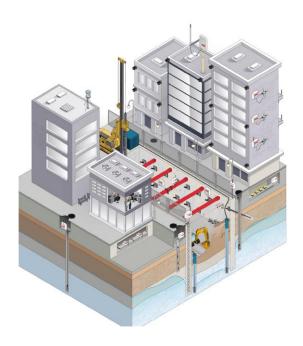
- Pore water pressure
- Horizontal displacement
- Water level
- Rainfall monitoring
- Movement across surface cracks
- Vertical deformation at various depths
- Tension monitoring
- Remaining load in the anchorages
- Water quality monitoring







Loadsensing in construction



- Pore water pressure
- Horizontal displacement
- Water level
- Liquid level settlement
- Movement across surface cracks
- Vertical deformation at various depths
- Tension monitoring
- Remaining load in the anchorages
- Ground movement

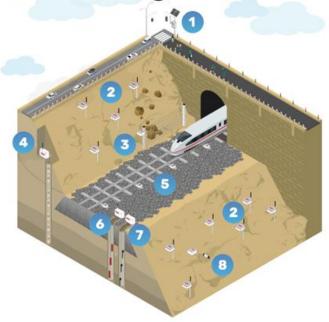






Loadsensing in railway

IoT Monitoring in Rails



- Slope lateral displacement
- Rock fall
- In-depth lateral displacement of subsoil
- Railway track condition (cant, twist and height variation)
- Pore water pressure
- Vertical displacements linked to soil settlement
- Movement across surface cracks (retaining walls & tunnels) and soil cracks (slope and embankment failure)
- Tension monitoring







Cloud





Edge

LoRaWAN

Edge devices Wireless data loggers Wireless sensors Digital node Connectivity & SW Gateway

CMT EDGE





Cloud Vs Edge



Scalability VS Security





Risk management optimization

