

**Water Weights is the leading Crane Monitoring and Integrity company providing monitoring and engineering solutions. Our focus is giving clients complete confidence through an expert and specialist team, innovative product range, and collaborative solutions, ensuring complete operational safety of cranes, lifting gear and other specialized structures.**

### System Capability

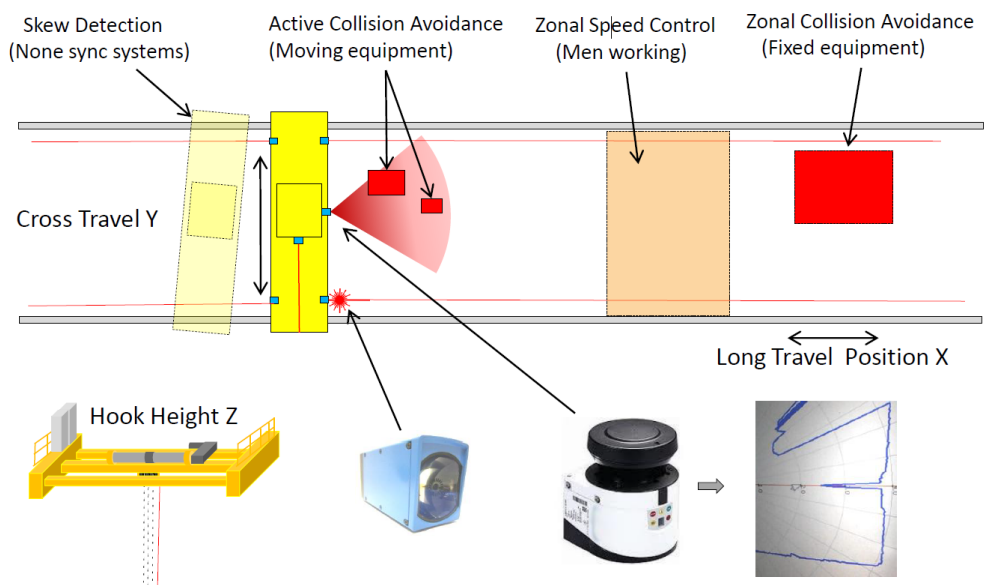
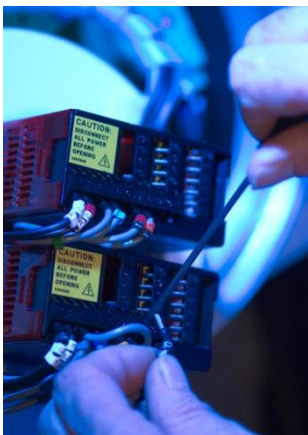
- Long travel position X
- Trolley position Y
- Hook height Z
- Velocity & acceleration
- Anti skew
- Zonal collision avoidance
- Active collision avoidance

### Equipment

- Display and log HMI
- Distance lasers
- Scanning Laser
- Hook height encoder
- Control interlocks

### Other Crane Products

- CCM Crane Condition Monitoring
- RCI Rated Capacity Indicator
- Crane load measurement
- Snag and ledge detection
- Integrity measurement



monitoring and measurement solutions

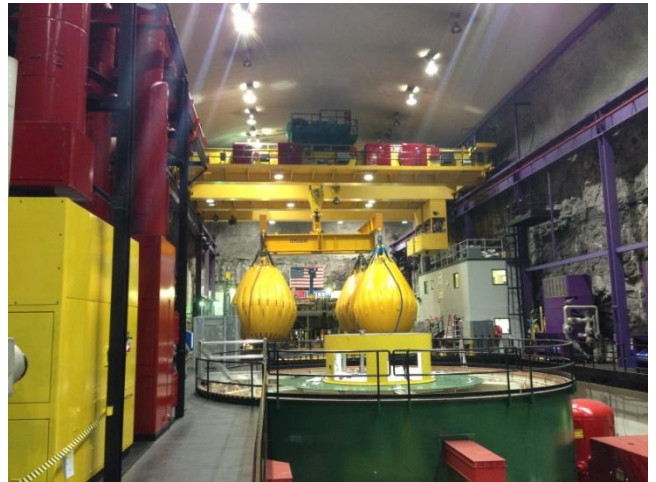


## Crane Position Monitoring

The system is part of a modular suite of crane monitoring packages for use, standalone or integrated into comprehensive integrity solutions. The CPM II system is based on high accuracy laser detection and scanning techniques to provide live information, alarm, interlocks and logging capability on a range of parameters.

For example, as well as active anti collision fixed zones can be programmed to prevent unsafe crane access.

- Kings Bay ( US DoD)
- Kitsap Naval Base (US DoD)
- Portsmouth Naval Shipyard (US DoD)
- LPD deployment crane
- Devonport Royal Dockyard RAH crane
- Babcock UK, UK MOD
- BAE Systems UK
- AWE Aldermaston
- Polar Nuclear Handling Crane Winfith
- UKAEA Nuclear crane
- Sellafield Nuclear Flask Handling crane
- NNC Nuclear Flask Handling Crane
- Hinckley and Hunterston charge handling



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**An ISO9001:2008 Certified Company**