

Design of Machines and Mechanical Systems (PC-BTM711)

Session 28A

Module 6,7: Industry 4.0 Technologies in
Material Handling and Pump Systems

Session Outcomes

- Discuss application of Industry 4.0 technologies in
 - EOT cranes
 - Pumps

Remote Crane Monitoring



<http://www.vervetronics.com/solutions/iot-heavy-material-vehicle-monitoring/remote-crane-monitoring-solution/>

Industry 4.0 Integration with EOT Crane and Pump Systems

EOT crane scada - 1 min

<https://www.youtube.com/watch?v=H4VbI3N1FWA>

crane scada website – 7 min

<https://cranescada.com/>

vervetronics

<https://www.vervetronics.com/solutions/iot-heavy-material-vehicle-monitoring/remote-crane-monitoring-solution/>

crane remote dashboard aiotion - 35 sec

<https://www.youtube.com/watch?v=cCUQIwfW9z0>

Pumps AR - 2 min

<https://www.youtube.com/watch?v=XuaAtsrLbC8>

Pumps PTC thingworks - 7 min

<https://www.youtube.com/watch?v=mk1QUiWxrmE>

Sulzer pump iot – 3 min

<https://www.youtube.com/watch?v=lEXu5Rpx4dc>