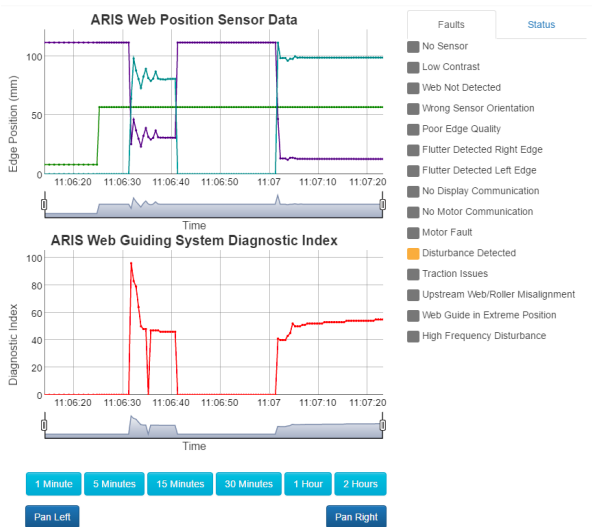


### Insightful data to troubleshoot process issues



KOIOS Data Analytics is an intelligent data analytics and fault prediction package that offers the ability to detect process issues, material issues and machine issues through the ARIS Web Guiding System. Poor edge quality, flutter, edge disturbance, high frequency disturbance, upstream roller misalignments are detected by the KOIOS Data Analytics based on the data from the sensor measurement and the ARIS Web Guiding System. This optional add-on is available with ARIS Web Guiding System. Apart from indicating the health of the process, the system also provides status and fault information indicating the root cause for the lower health index. The high level fault and status information as well as low level raw data can be accessed via a

built-in web server within the ARIS Web Guiding System. Additionally, industrial Ethernet protocols such as Ethernet/IP and PROFINET IO can be used to access the information through a PLC in real-time.

### KEY FEATURES

- Advanced prediction algorithms that analyze data during a rolling 30 second window to detect issues
- A powerful tool to monitor the process in real-time
- Detects process, material and machines issues in real-time
- Built in web server for quick access and insight into the data without any time consuming setups
- Connectivity to industrial PLC through common industrial Ethernet protocols

### BENEFITS

- Real-time insight into the process that enables quick troubleshooting
- Reduce downtime with meaningful high level machine, process and web material data.
- High level fault and status information enables waste reduction during process or machine upsets
- Access to historical information enables better understanding of effect of raw material or process changes

