

APERIO DataWise™ for Asset Health & Reliability

Monitor asset health in real time

Every application of data in a facility requires validated, reliable, clean sensor data. It dictates asset health and trust in the observed behavior. However, more than 10% of asset downtime is due to bad sensor data.

Poor data quality can have serious implications on operations...



\$42M

Annual cost of unscheduled downtime



Up to 30%

Higher maintenance costs



15%

Cost of poor data quality, as % of revenue, *because...*



95%

...Operational data not leveraged



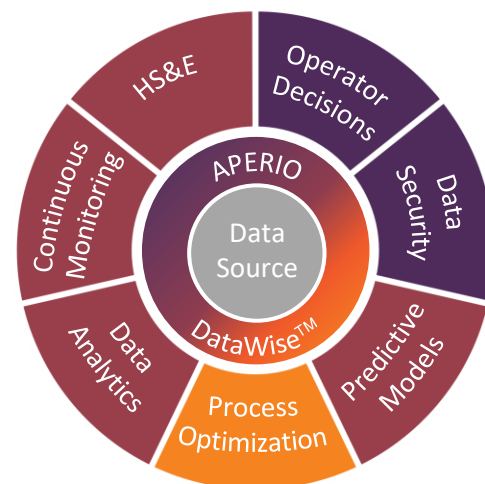
20%

...Sensor data estimated to be unreliable

Data integrity ensures an accurate representation of an asset's health

Data Integrity, achieved by APERIO DataWise, is the necessary software layer between the data source and its applications. Without accurate data, any function that uses this data is worthless and any operational or business decisions based on this data is unreliable.

APERIO ensures data reliability by continuously calculating each sensor's Data Quality Index. Its ability to detect anomalies in real time can effectively avoid every incident of equipment failure, while building operator confidence in the decisions they must make.



Achieve better asset health & reliability with APERIO DataWise

Better data means 99% faster time to detect and resolve anomalies, improving asset health, reliability, and uptime.



Asset Reliability

APERIO can monitor asset health in real time with earlier identification of asset failure; move from time-based to condition-based maintenance

Regulatory Compliance

APERIO ensures compliance through data-driven decision making, increased efficiency and safety, and higher uptime with less variability

Continuous Monitoring

APERIO can monitor assets, onsite or remotely to meet safety and regulatory specs without regularly-scheduled physical inspections; i.e., pressure testing

APERIO can monitor sensor reliability and health, dramatically improving data quality and reducing data issues and losses.

Enable asset performance management strategies to further reduce downtime risk.

GLOBAL TSO COMPANY

Eliminated 90% of unnecessary, intrusive maintenance inspections of assets due to false alarms in the control room.

For more information, [download the eBook](#) and/or visit aperio.ai.