AVEVA

ENDORSED
OPERATIONS

System
Integrator

PI System Audit

How does a well-managed AVEVA™ PI System™ behave?

Highly scalable, the AVEVA PI System converts operational data into actionable knowledge, enabling real-time, accurate business decision-making.

The accuracy of the data processing within your PI System impacts the accuracy of the information you get out. ITI Group can help you gain full visibility of your PI System, correcting any issues, and ensuring you get all the right insights into your operations.

- **Ensure high-quality data output to avoid production losses and potential safety incidents**

- **Maximise system functionality to reduce the risk of costly maintenance and upgrade activities**

- **Gain valuable operational insights to make accurate, real-time business decisions**

- **Improve security and gain more control with enhanced system configuration**

iti Group

ITI Group, the sole Endorsed AVEVA PI System partner in the UK, specialise in supporting clients to make the most of their PI System investment to achieve tangible business results.

Optimise your operations with a PI System Audit

ITI Group can provide an audit on your PI System, and give you an accurate insight into its health and functionality. ITI Group's accredited PI System experts will identify issues and provide you with recommendations for improvement in order to fully optimise your operations:

■ How accurate is the output from your PI System?

If you have issues anywhere in the processing of your data, then your operations could be missing important insights or making decisions based on inaccurate information. Fluctuations in quality of information could add up to significant production (and therefore financial) losses or even safety incidents.

■ Are you maximising the functionality of your PI System?

Unnecessarily complicated systems make maintenance and upgrades riskier and more costly. Missed opportunities might mean security or legal compliance oversights. Unnecessary data storage and unused functionality means you could be missing out on valuable optimisation of your operations, when you're already paying for it.

■ How secure is your PI System?

Poor configuration of PI security can allow unwanted changes or control over the PI System. ITI Group experts have seen systems which granted administrator access to every connecting user. Many systems still use weaker legacy authentication mechanisms which are no longer recommended and may be vulnerable, eg to fake credentials.

ITI Group's PI Audit Process

- ■ Interview key stakeholders to understand PI System usage and potential challenges
- ■ Onsite investigation of client PI estate (where appropriate).
- ■ Creation of audit report
- ■ Presentation of findings

Costs

Dependent on complexity, typically £5k-£10k.
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Scope of an ITI Group PI Audit

A strategic review of your PI estate to include:

- ■ PI System sizing and performance monitoring
- ■ Key interface configuration
- ■ PI System Security
- ■ Asset Framework™ Performance Monitoring
- ■ PI System errors and warnings
- ■ Backup procedures
- ■ Tag configurations and best practice recommendations
- ■ PI Asset Framework
- ■ High Availability
- ■ PI Vision™

Key deliverables

- ■ Audit report with a prioritised list of recommendations and improvements, together with a suggested action plan for resolution of issues identified.
- ■ Presentation of key findings to client stakeholders .