



“The real utility is seeing lineage across complex environments - being able to trace the string of spaghetti and find the root cause at local PI System.”

Digital Solution Technical SME, Largest Private Agriculture Manufacturer

What is Osprey?

Osprey is the leader in industrial data observability and provides operational technology (OT) lineage, data integrity monitoring, and configuration intelligence for the PI System and related industrial data platforms. Industrial systems evolve continuously. Tags are added, analyses change, dashboards multiply, and interfaces are reconfigured. Over time this creates hidden dependencies and silent failures.

Features

OT Lineage

Visualize relationships across PI Tags, Asset Framework elements, analyses, and visualization layers to understand how operational data flows.

Audit Trail

Track and audit changes across PI components including AF models, calculations, and displays.

Data Integrity Monitoring

Proactive alerting to detect stale tags, flatlined signals, missing data, and abnormal historian behavior early.

Impact Analysis

Identify downstream dependencies to proactively understand what may break when configurations change.

System Health Monitoring

Monitor data collection across PI nodes to detect abnormal patterns, configuration changes, and conditions that may impact operational data reliability.

Functional Industrial Operations



Automatic discovery

Connects natively to AVEVA PI (Data Archive, Asset Framework, PI Vision), ADLS, Snowflake, and Power BI. Additional sources can be configured through custom scanners, spreadsheets, and apis.



OT Lineage

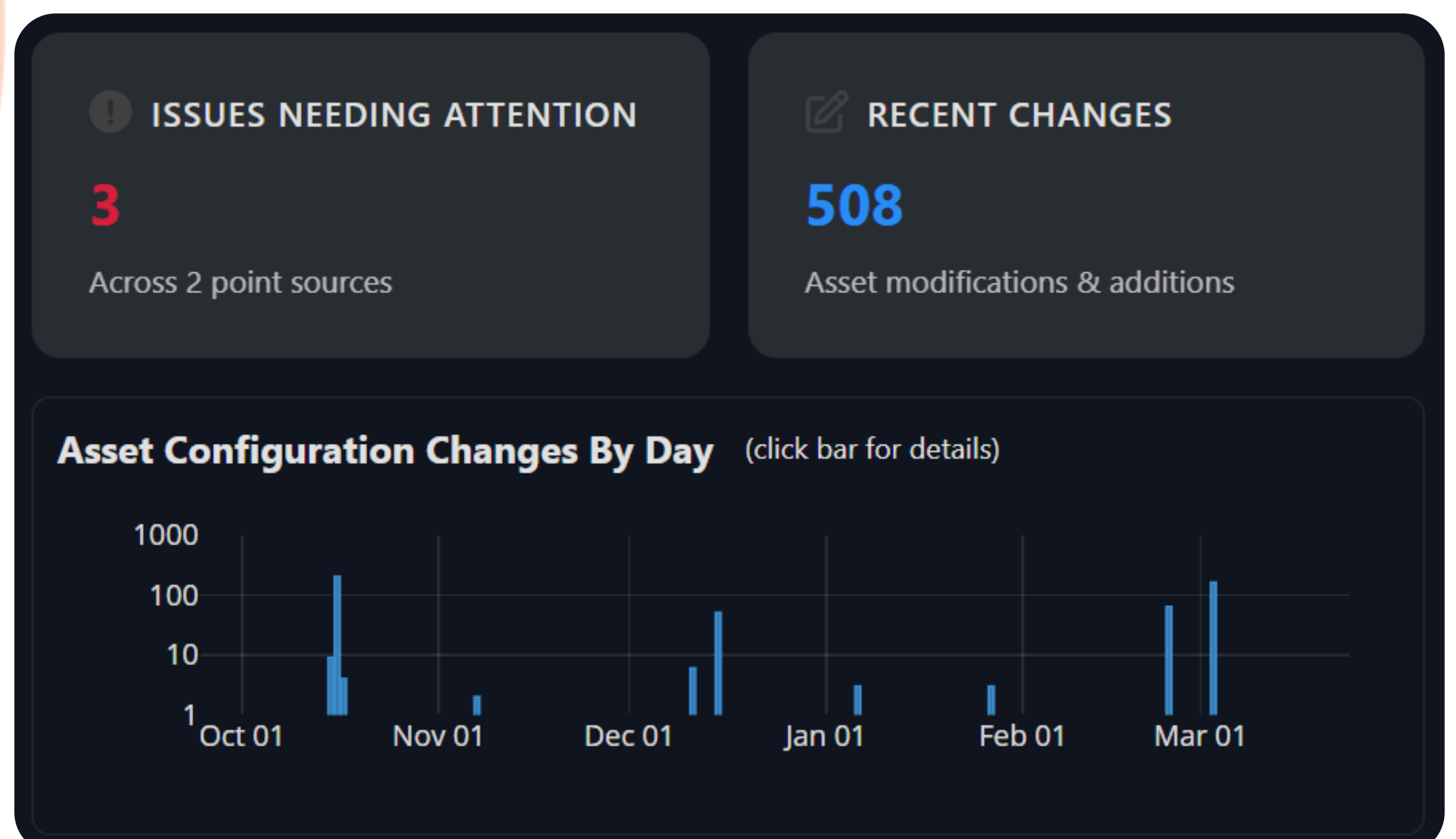
Builds a lineage graph representing how industrial data flows across systems.



Proactive Alerting

Monitors and alerts on configuration changes and data behavior to detect integrity issues.

Figure 1: Operational Data Health



Proactively alert on data reliability issues

Related Products

- Forge
- Compass
- Asset Framework Accelerator

About Tycho Data

Tycho Data is a next-generation industrial data management company helping organizations derive value, trust and use their operational data. Industrial teams spend significant time preparing, validating, and troubleshooting OT data before it can be used for operations, analytics, or AI.

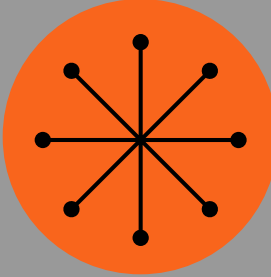
To learn more visit www.tychodata.com

State of Art Technology



Industrial Graph

Powerful semantic layer models complex transformations and data flows



Change detection

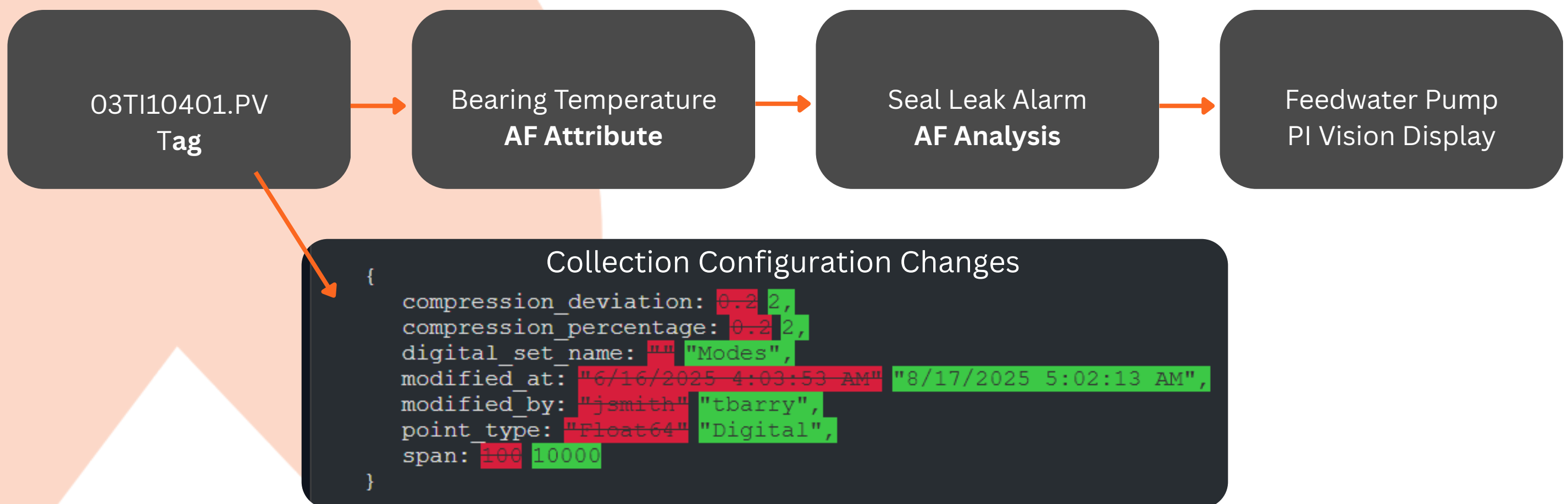
Algorithm to detect metadata changes



Secure

On-prem or cloud deployment, industry compliant controls, data encryption and threat analysis keep your data safe

Figure 2: OT Lineage and audit trail minimize data disruptions



Lineage and audit trails ensure faster data resolution and minimize data disruptions

Benefits

78%

Faster Mean Time
to Resolution

100%

Visibility before
changes are
made

100hr+

Recovered Per
Year Per Engineer

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