

# State of PI Asset Frameworks Q3 2019 Report

## AF Deployment remains a challenge

82%

82% of customers have not added quality, financial or market metadata to their AF templates

To move from tag based to asset based analytics you need to add metadata to your AF templates.

Only 14% of OSIsoft customers say PI AF is deployed at all sites that have PI Systems

Without AF, PI data is invisible to business users and very difficult for applications to access systematically.

14%

## Even if deployed, AF quality is in question

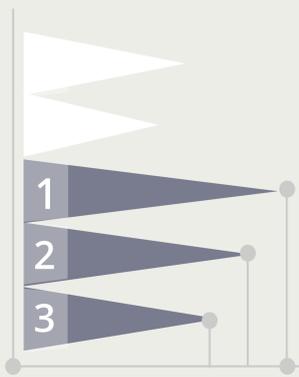


53% - more than half of AFs are **inconsistent** across sites



55% of PI Admins say the quality of their deployed AF models is **average or below**

Having an accurate, consistent, standardized, up-to-date AF model that data consumers trust is paramount to any digital initiative that requires PI data.



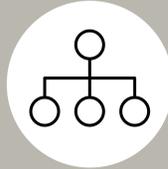
## Top 3 challenges meeting AF goals:

1. Don't have the right tools
2. Integrating systems is too difficult
3. We don't have organizational alignment

## Top 3 AF design questions



How will we **maintain the AF?**



Do we agree on a **hierarchy?**



Do we agree on **terminology?**

60%

60% of Executives say they need dashboards that integrate asset data, including PI Data

## Top Quartile AF Users

### Have enabled an efficient AF build and maintenance workflow

They've eliminated the complexity of using spreadsheets and VB scripts. They've bought tools to improve AF build and maintenance productivity.

### Assure quality and integrity of their AFs

They've built collaboration processes to report inconsistencies and gaps in their AF models and developed a workflow to address those issues.

### Built an enterprise AF

They are looking at metrics across sites, easily comparing fleets of like - equipment, or similar process units - enabling KPI dashboards.

### Developed multiple AF models for different functional groups

They've created AF models for maintenance, process teams, and a multitude of use cases. Sometimes create 100s of models to enable the variety of use cases - uncovering 1000s new operational insights as a result.

Find out how you stack up against your peers by taking the AF Readiness Survey

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