

# Analyzer Systems Lifecycle Service Management

## ***Empowering Peace of Mind through proactive lifecycle protection: Seamless upgrades, smarter spares management, and guaranteed support for your installed base.***

OpreX™ Plant Stewardship is Yokogawa's framework for aligning management goals with real asset performance. It unifies service across systems, instruments, analyzers, software, and applications, positioning Yokogawa as a trusted lifecycle partner. By delivering tailored, performance-based support, it helps customers reduce risk, manage operational challenges, and achieve KPIs across their organization.

### Through deep collaboration and continuous engagement, we help you:

- Identify and mitigate risks before they escalate
- Align maintenance strategies with corporate goals
- Optimize Plant Performance
- Improve Process Quality by availability of the analyzers
- Reduced Inventory Costs
- Meeting and exceeding customer KPI



Leveraging ***advanced analytics, real-time diagnostics, and secure digital platforms***, we provide insight-driven actions that improve reliability, safety, and profitability over time.

One of the core assets for industrial plants is the continuous availability of analyzer systems. Process analyzers are essential for ensuring product quality, maximizing process yields and maintaining plant safety.

### Some of the most common Analyzer Systems Maintenance Challenges encountered are:

- Frequent calibrations and high consumption of reference and carrier gases or liquids
- Breakdown of sample handling components due to severe process and environmental conditions
- Fewer qualified technicians available to maintain complex analyzers
- Loss of operational security and rising lifecycle costs due to equipment obsolescence



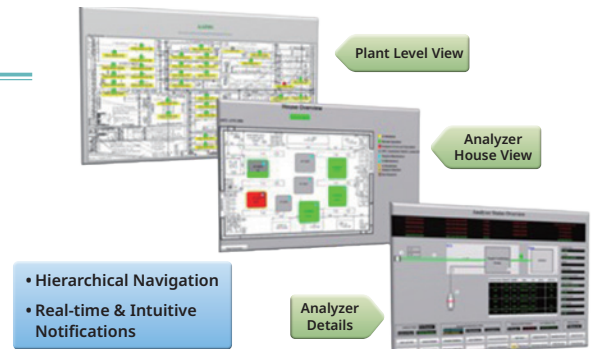
# Advanced Analytical Instrument Management System AAIMS is a core building block for Analyzer Systems Lifecycle Service Management.

AAIMS is a data-driven software platform that shifts analyzer maintenance from reactive fixes to proactive lifecycle management. It continuously monitors, evaluates, and improves the performance of process analyzers and work procedures in alignment with ASTM D3764 and D6299—while also scaling to include field instruments, control valves, and other plant assets through a single unified dashboard.

## AAIMS is not just software — it's a paradigm shift in analyzer lifecycle management.

- From maintenance to stewardship
- From guesswork to data-driven actions
- From siloed tools to a unified platform

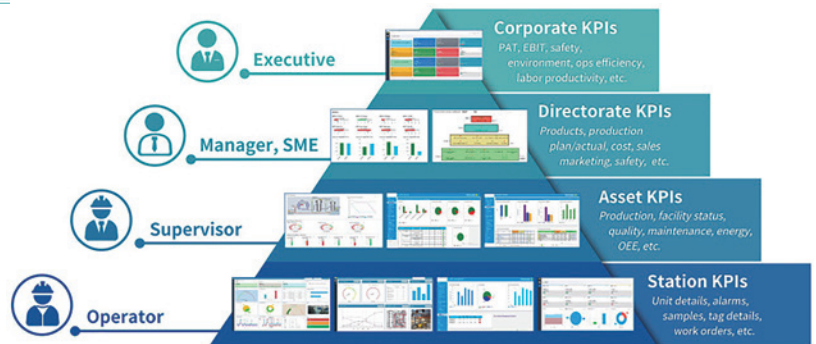
» Ready to bring your analyzers back in tune?



### It enables users to:

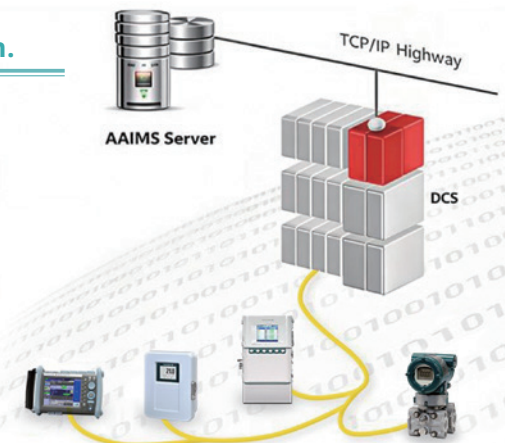
- Graphical representation of plant and shelters
- Analyzer Real Time data acquisition
- Auto Validate for Analyzers
- Enhance Efficiency with KPIs
- Visualize Analyzer Health
- Manage Obsolescence

### Sample KPI dashboards for personnel at all levels of the organization



## Intelligent Manufacturing HUB (IM HUB) — Right data at the right time to the right people for the right decision.

- Data Silos
- Manual Work Processes
- Limited Data Accessibility
- Sub-Optimal Decision Making



Let's make all your assets performance visible, manageable, and predictable -from instrument to insight.

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