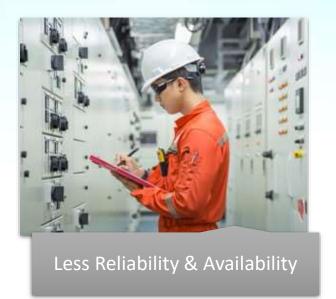


Challenges

















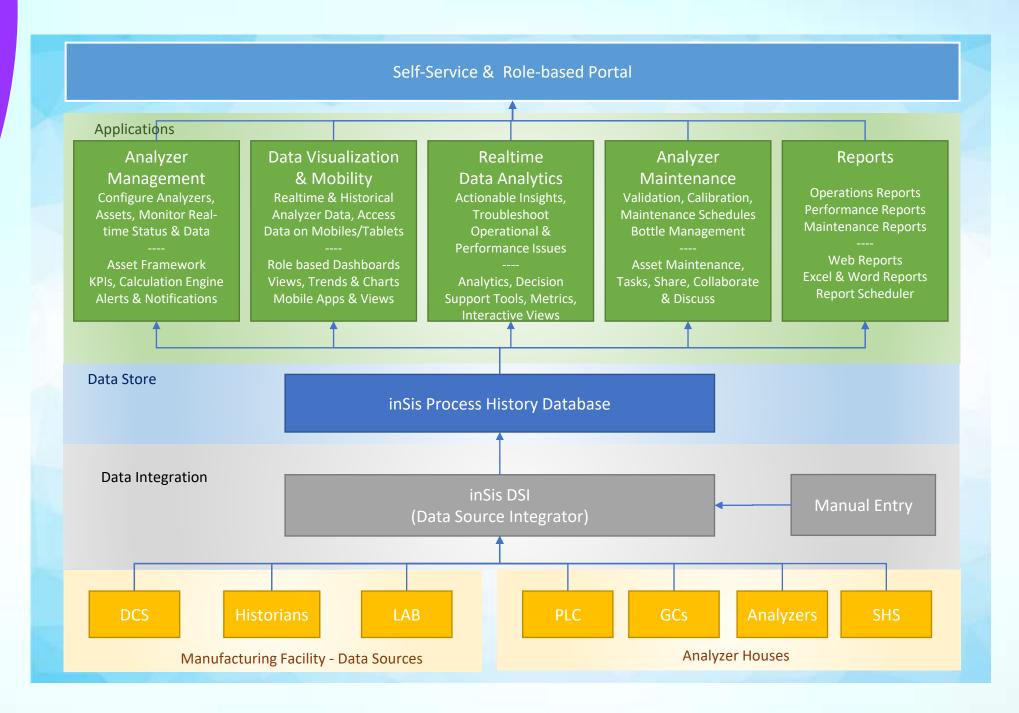
Objectives



- > inSis AMS collects and stores the real-time data from,
 - ➤ GCs, Field Analysers,
 - ➤ Shelter House PLCs, HVAC Systems
 - ➤ Sample Handling Systems etc.,
- Provides Data Analytics, Trends, Dashboards, Reports, Alerts etc.
- ➤ Validation, calibration & management of maintenance schedules of analysers
- > Provides the Control Charts for analysing the performance of Analyzers.
- > AMS features management of assets related analyser systems
 - ➤ Analysers, Shelters, HVACs, SHS, Consumables, Documents etc.
- ➤ System calculates the Analyzers KPIs like, Availability, Reproducibility etc. and helps in monitoring and improving the performance of Analyzers

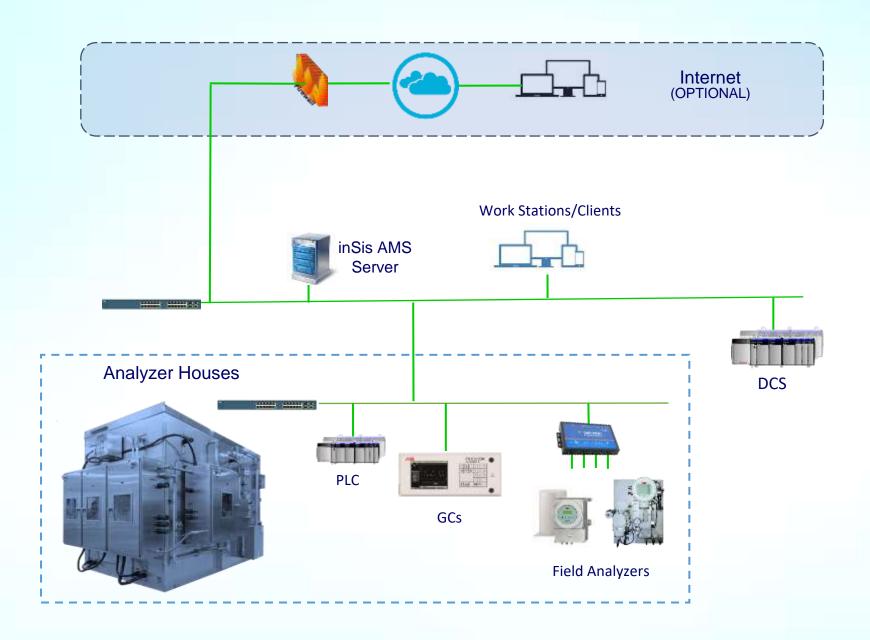
Solution Overview





System Architecture





Benefits



- ➤ Provides single system for comprehensive Maintenance and Performance Monitoring of Analyser Systems.
- > Improves the reliability and availability of expensive analyser systems.
- ➤ Increases the analytical performance of analysers
- Reduce Manpower and Resources by preventing frequent analyser maintenance
- > Reduced quality giveaway which is resulting from higher confidence limits
- ➤ Centralised data collection & reporting for all the Analyser systems in the plant
- ➤ With client-server architecture and web-based solution, it is easily accessed from several locations thus improving the monitored time.
- ➤ Provides deep insights to Analyzer operation, performance and constraints with on-the-fly calculations, metrics and Self-Service Analytic capabilities.
- ➤ Quickly troubleshoot Analyzer issues there by quickly taking corrective actions.

Screens



InSis ProSense

★ Fav

. Best Oil Company (20)

Delhi Refinery (1)

Munibal Refinery (1)

→ Chennai Refinery (15)

+ CDU1 (2)

+ CDU2 (2)

FCC (1)

HCU (1)

OM&S (8)

⋆ Crude Analyser House (5)

15AI1502 (1)

⊙ Recent. 🏦

Assets

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Asset Summary

Asset MapView

Search

Asset Framework

. Asset Details

In Structure

Description.

Structure

Name"

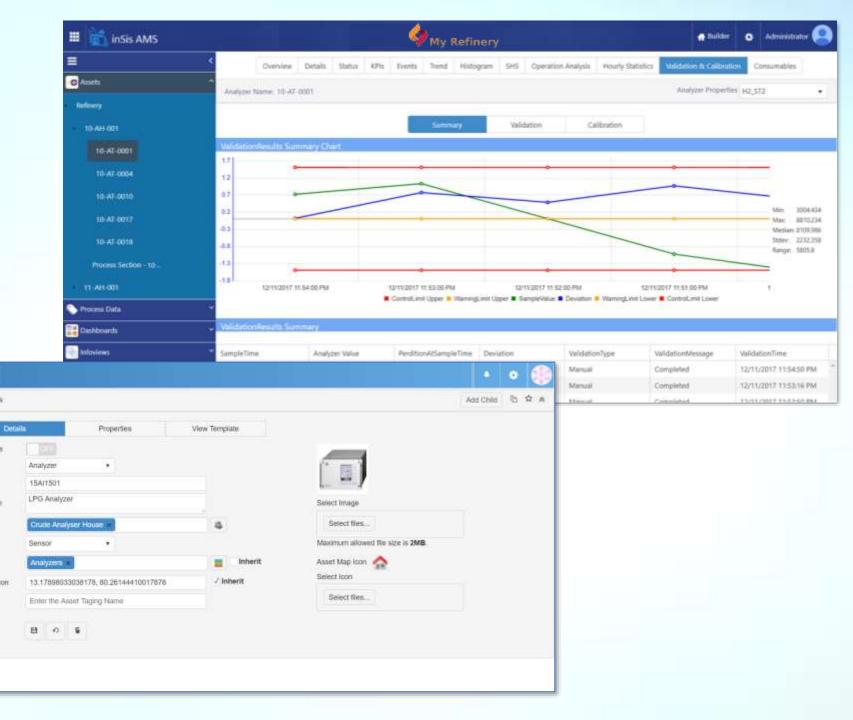
Parent

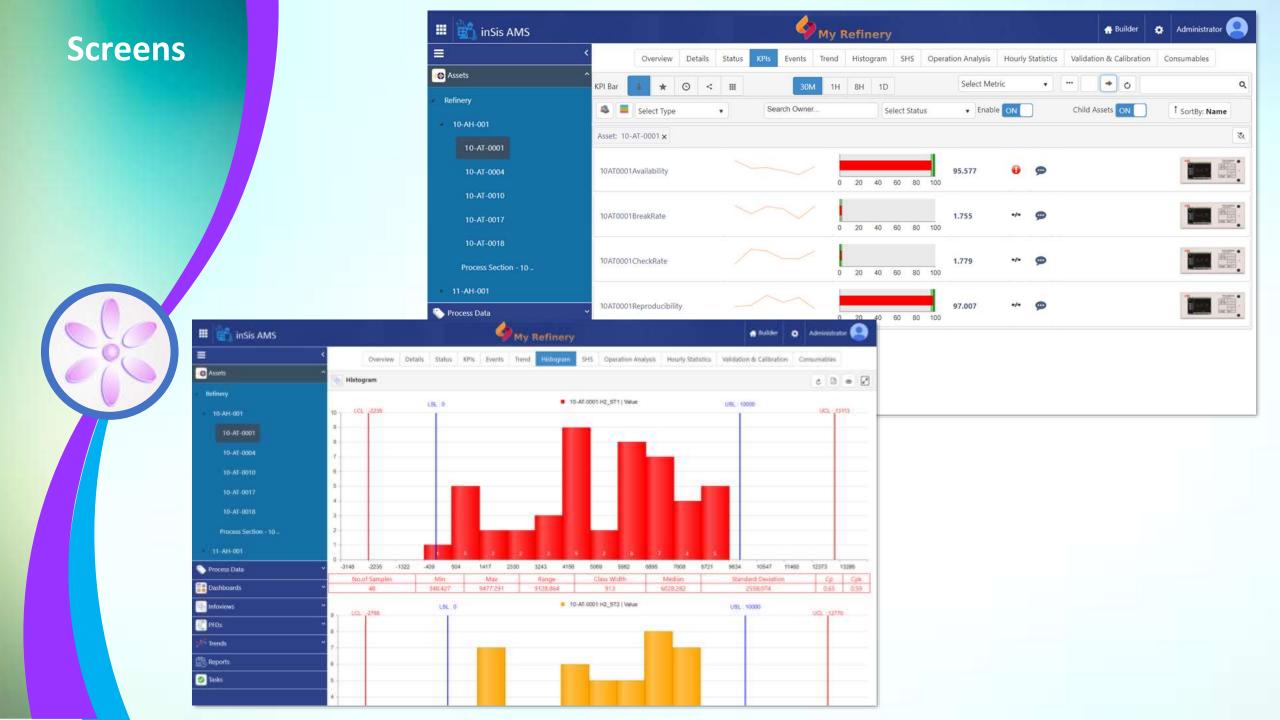
Type

Category

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Geo Location





Screens



