



Jaaji Technologies
Sophistication with Simplicity



Morning Meeting Dashboard using



Efficient Meetings Backed by Accurate and Timely Data



Our Customers Trust us for the value we bring

Oil & Gas



Chemical



Metals & Mining



Power & Renewables



Engineering



Cement & Others



Morning Meeting Dashboard – Key features

1

Automated reporting

Automated Reports and Dashboards with 100% Accuracy

2

Simple RCA

KPI Drill down with Alerts and notifications for Quick response

3

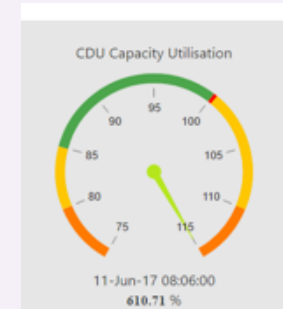
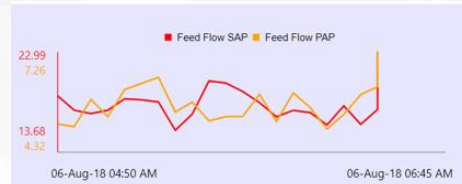
Workflow

Workflow for easy tracking of Actions and Comments

4

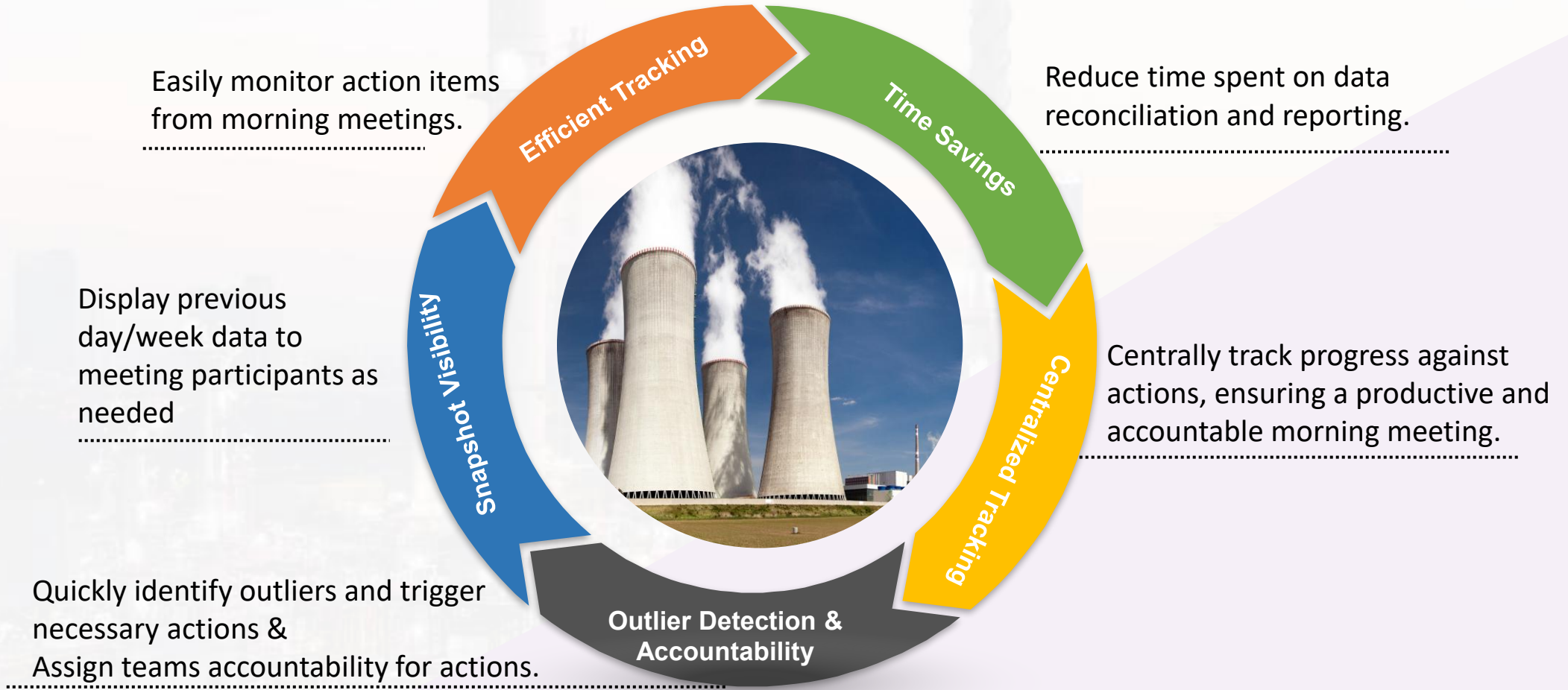
Safe Limits Management

Centralized Safe limits management to avoid failures



Intuitive module simplifies management, transforming your morning meetings. All-in-one central platform keeps your team informed and empowered, driving a more efficient and accountable safety culture.

Morning Meeting Dashboard – How it Works



Intuitive module simplifies management, transforming your morning meetings. All-in-one central platform keeps your team informed and empowered, driving a more efficient and accountable safety culture.

Snapshot of Yesterday in One View

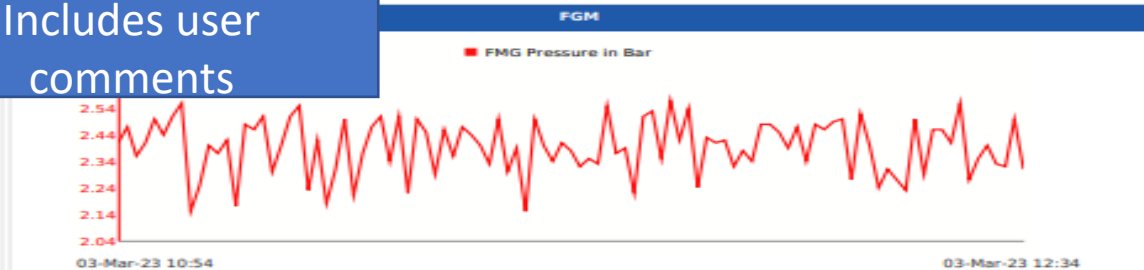
EMERGENCY ISSUES TRACKER							
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1 - 2 of 2 items

FLARING			
Description	1 Hr Avg	12 Hr Avg	24 Hr Avg
REF Flare	62.00	81.00	2.00
K4 Recovery	31.00	33.00	19.00
H2S to Flare	72.00	82.00	58.00
C3/C4 Vap	145.00	165.00	120.00
FGM	44.00	40.00	42.00

The Flare have started at 10:15 on 28-2-2023 and stopped at 13:28 on 28-2-2023

Includes user comments



FIRE TANKS			
Description	Now	-12 Hr	-24 Hr
T11101	22457.00	25423.00	29619.00
T11102	22457.00	23423.00	30619.00
T11103	22130.00	22847.00	31977.00
T11104	22130.00	26260.00	32977.00
T11105	22130.00	24260.00	33977.00

The Tank T11185 level is varying for every one hour

EFFULENT						
EXT EFFULENT	COD		TSS		TO	
Treated Effluent	44.00	●	10.00	●	4.00	●
Sewage Water	49.00	●	12.00	●	2.00	●
Sour Water	44.00	●	10.00	●	6.00	●
Un-Treated Sewage	41.00	●	5.00	●	5.00	●
Block -B Effluent	54.00	●	3.00	●		

Enter Comment:
For TREATED EFFULENT the COD and TSS ratio is varying.

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ID	CODE	DESCRIPTION	DATE RAISED	ACTION	STATUS	TARGET DATE	FEED BACK COMMENTS
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Trace Actions summary quickly and receive auto e-mail

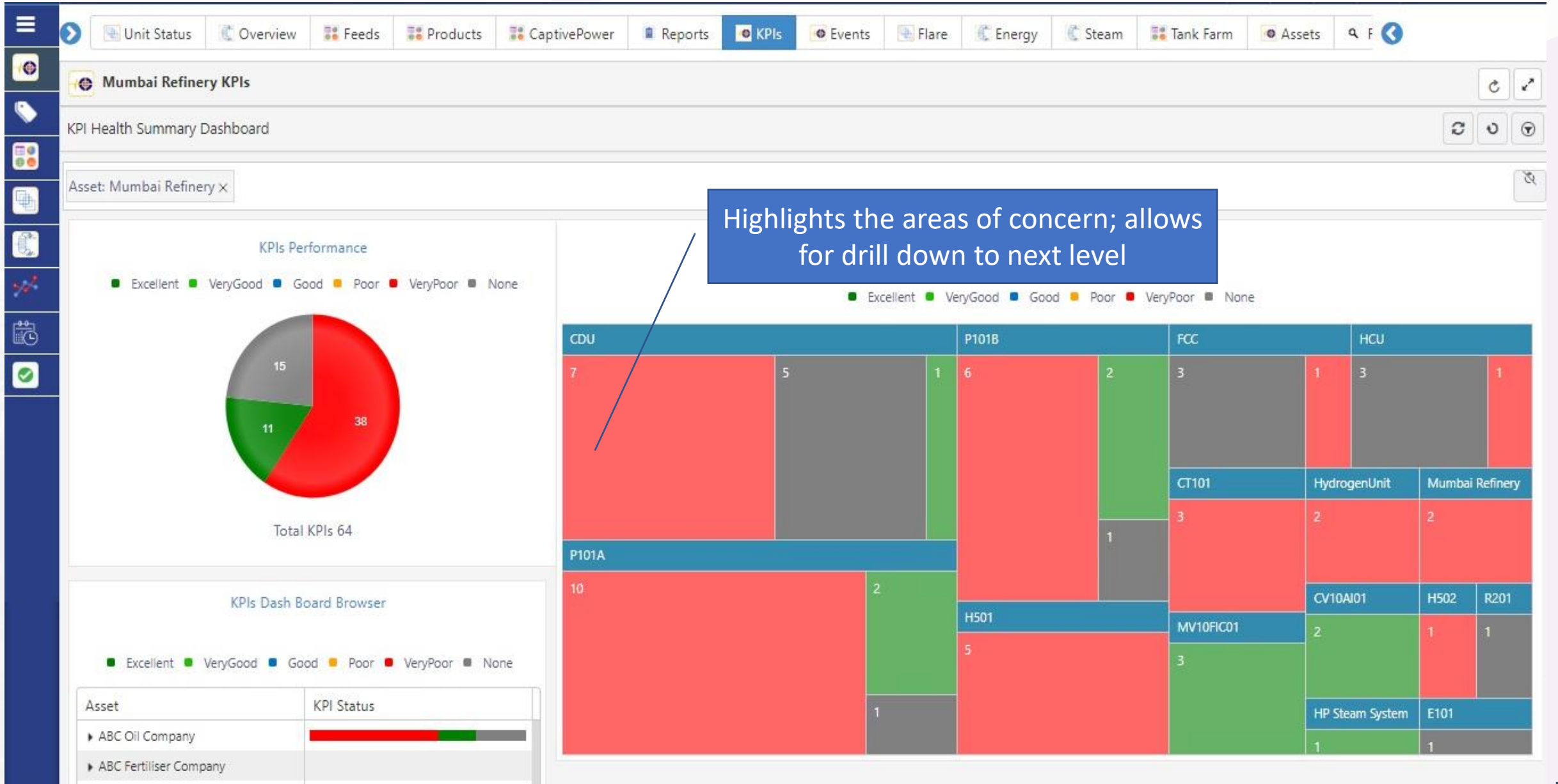
Action Tracker

+Add Filters

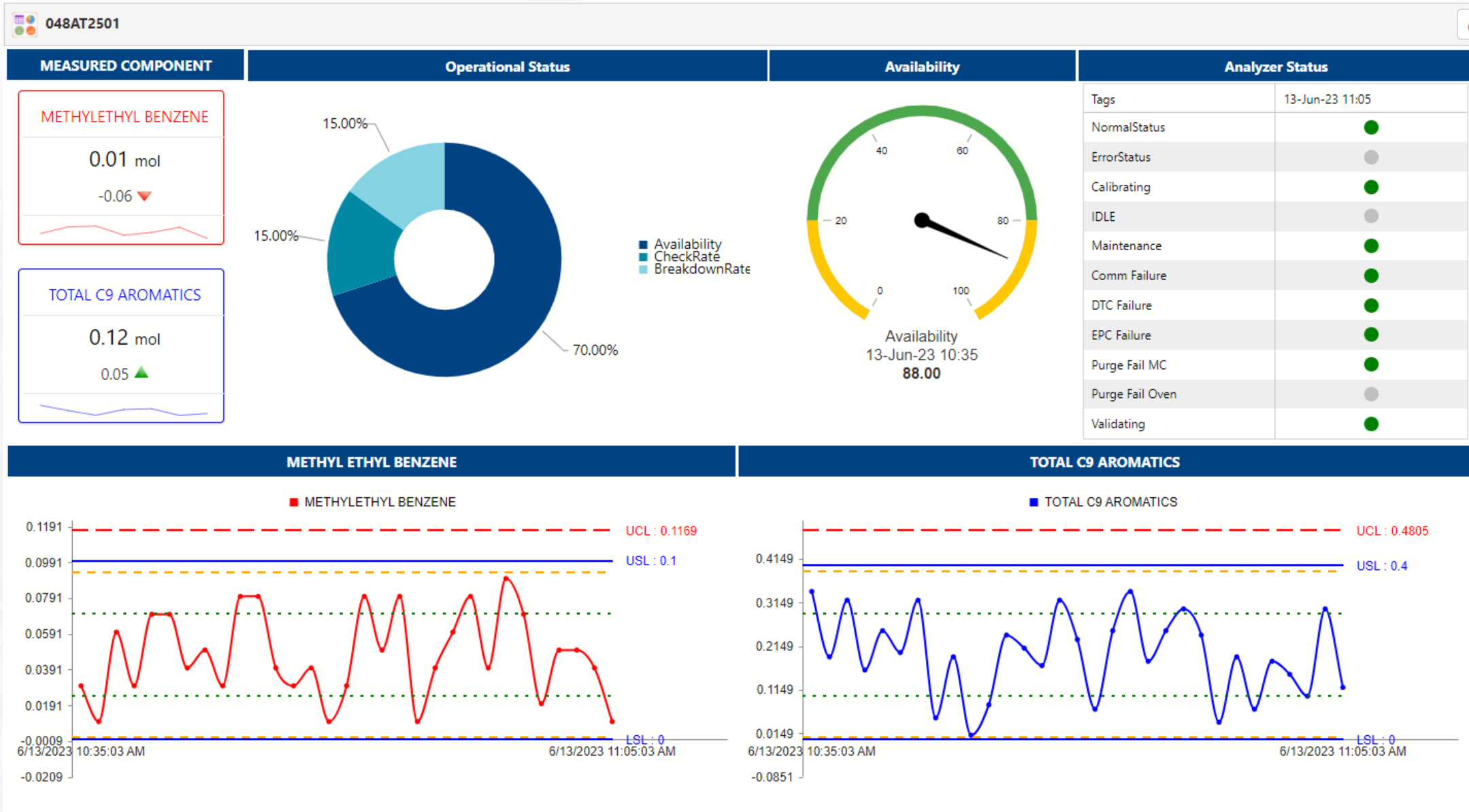
ID	CODE	Description	Date Raised	Actionee	Status	Tgt Date	Feed Back Comments
4501	OMC	CCU2 LCO flash result required to provide guidance on T4053	26/04/2023	Simon.J.Bennett	Open	26-Apr-23	results <40 degc
4496	HSSE	ERP Liquid waste coming from burner 4. Burner s/d for further investigation	26/04/2023	Ian.Wellings	Open	26-Apr-23	Now burning liquids on 1 burner
4495	ODP	P205B seal failed (C201 bottom circ) P205A spare pump has a drip on t	26/04/2023	Daniel.Jobber	Open	26-Apr-23	Working to achieve isolation on P205B
4493	ODP	Plat 3 C2 repair.	25/04/2023	Daniel.Jobber	Open	25-Apr-23	Planning to leave on line until spool fabricated. Operating under ORA
4492	OMS	PH1 pump refitted but temp probes not refitted pump unavailable	25/04/2023	Ian.Wells	Open	25-Apr-23	
4491	OMS	Tranmere P106 currently running with discoloured oil high temp on bearings. Senior Tech reqd asap to check over.	25/04/2023	Ian.Wells	Open	25-Apr-23	If taken offline down to 2 Crude pumps
4488	OMC	CCU2 Lift air cat cooler B plugged at 21F057	25/04/2023	Simon.J.Bennett	Open	25-Apr-23	Department looking at reslolution
4483	OMC	P3052A slight internal mech seal leak (topped up and SAP'd)	23/04/2023	SManager	Open	23-Apr-23	ops to monitor and RET to provide timeline for P3052B RTS
4482	EPS	Limited C4 ullage / unable to vapourise due to issues with pump tripping - P&C called in but unable to repair.	23/04/2023	SManager	Open	23-Apr-23	Explore options to export or contain C4 and EPS given the ok to use V4248 if desperate for ullage. Maximise C4 Vaporiation
4480	HSSE	Domestic water tank still OOS over the weekend, to be returned to service on this week	22/04/2023	JMoore	Open	22-Apr-23	Tank being refilled target is system recommissioned today
4465	ODP	P5601 mech seal leak, P5601S running with oil losses	17/04/2023	Daniel.Jobber	Open	17-Apr-23	P5601 - Being progressed by RET
4455	HSSE	HFA V6059 boot leak reported as slightly worse	16/04/2023	Richard.Brown	Open	16-Apr-23	Regular bolt changes occurring - medium/longer term plan required.
4399	OMC	HFA C6054 box up complete. Need plan for reboilers and any other outstanding equipment	02/04/2023	Richard.Brown	Open	02-Apr-23	due to complete today
4358	OMC	GSU spent Naoh high. SCNU still struggling with restricted rates.	24/03/2023	Simon.J.Bennett	Open	24-Mar-23	1x Roadcar available, transferring to SCNU as levels allow

Filter by department

Operations KPI Monitoring

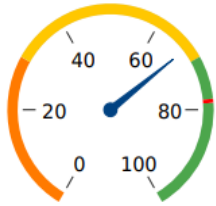


Operations KPI Monitoring

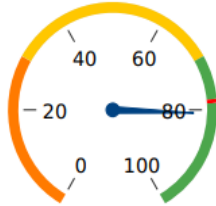


Operations KPI Monitoring

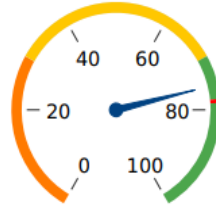
Heater Efficiencies



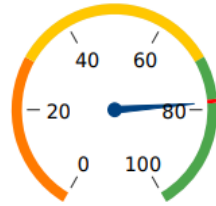
F100A
12-Apr-20 11:17
67.30 %



F100B
12-Apr-20 11:17
80.70 %



F100C
12-Apr-20 11:17
75.40 %

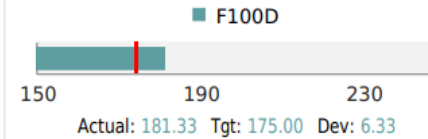
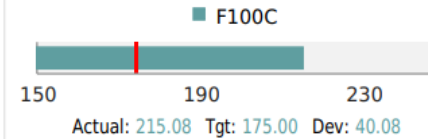
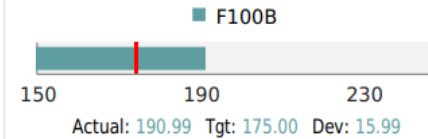
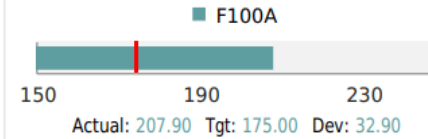


F100D
12-Apr-20 11:17
78.60 %

Heater Parameters Summary

Parameters	Heater F100A	Heater F100B	Heater F100C	Heater F100D
Feed Flow to Heater	1433.58	1181.50	1329.73	1194.77
CIT	321.41	312.66	315.91	341.83
COT	429.11	423.87	413.32	433.43
Stack Temperature	182.52	229.40	154.19	238.79
Percent Flue Gas in O2	6.94	8.94	9.62	3.88
Fuel Gas Flow	646.15	878.88	663.44	595.62
MaxskinTemperature	543.78	536.36	522.36	522.54

Heater Stack Temperature



Fuel Flow to BL

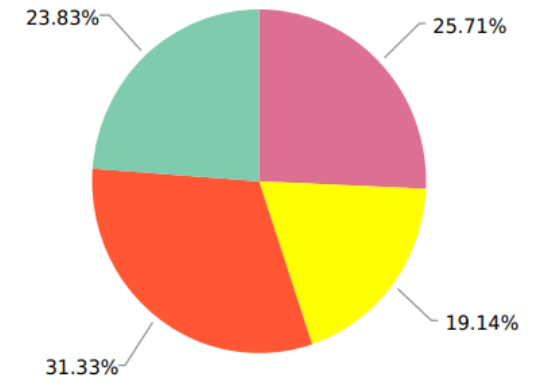
646.15 M3/Hr
-183.32 ▼

Fuel Gas NCV

4903.32
-898.96 ▼

% of Fuel fired in Heaters

F100A F100B F100C F100D



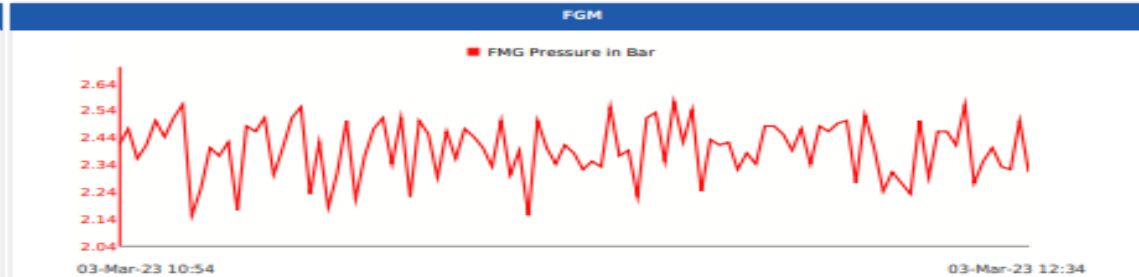
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The Tank T11105 level is varying for every one hour

EFFULENT						
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Treated Effluent	44.00	●	10.00	●	4.00	●
Sewage Water	49.00	●	12.00	●	2.00	●
Sour Water	44.00	●	10.00	●	6.00	●
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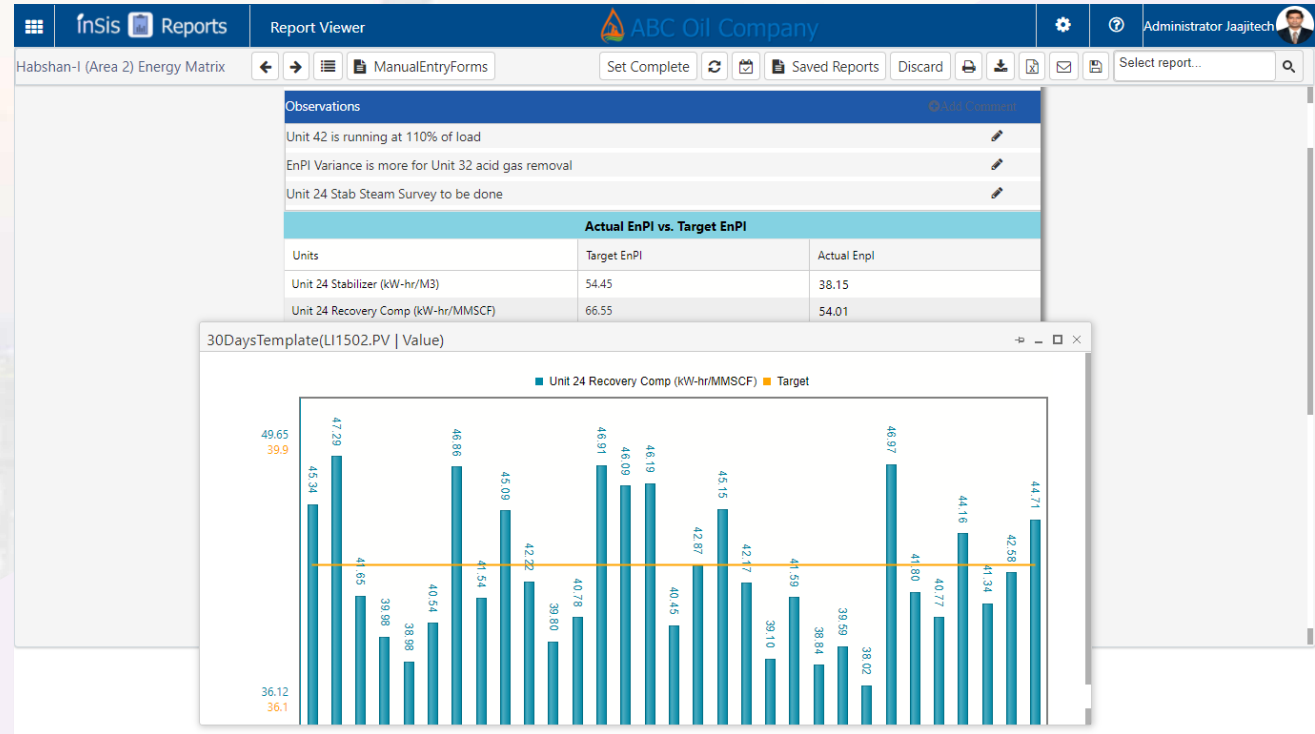
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inSis Reports

inSis Reports Automation virtually removes any human interference in generating complex and time-consuming manufacturing reports that get distributed both internally and externally.

- These web-based reports are easily accessible and shareable and encourages transparency and collaboration
- Provides 100% accurate On-Time Reports to the users based on the role they perform
- Data Integration, Processing, Calculation and Visualization all in one single platform
- Self-service, flexibility and user-friendliness
- Rich Visualizations & Drilldowns. Built-in Support for custom header & footer.
- Intuitive UI & configurable Reports Layout
- Quick share by Email, Export to Excel, Export to PDF
- Embed custom views for Real-time & Historical Data Reporting
- Set complete life cycle by Approve and Reject rights



Web Based
Reports



Report
Monitoring



Reports
Sharing



Email
Report



Report
Scheduler



Jaaji Technologies
Sophistication with Simplicity

Case Study

Morning Meeting Dashboard

UK Refinery



Meeting time reduced from 1 hour to 20 mins



Access all operations information at one place with drill down to trends and analytics



Consolidated view of issues & alerts and delegate actions through Action Tracker



Helps in quick RCA and troubleshooting insights



Audit and traceability for future reference

Morning Meeting KPIs

- Fire water Tank levels, Flaring, Effluents
- Unit throughputs Utilities status
- Status of OMS, Emissions
- ESP / IOW Alarms, Console alarms
- Emergency Safety items
- Emergent issues and threats

Key Achievements

- ✓ Digitization of existing Excel Report using inSis Platform
- ✓ Integration with PI, A&E and SAP to prove inSis platform capability in Essar Application Landscape
- ✓ Facilitate Production, Quality, Safety, Emission & Maintenance information using Single platform
- ✓ Role based Security & Access control to enable multiple people can work simultaneously

Digital Transformation assures benefits in Energy, Time & Material Savings

Data Accuracy

Automated data collation and calculations ensures 100% data accuracy and improves confidence on the system.

Improved working capital

Better control on inventory, reduced equipment downtime, closer view of crude composition improves working capital and operating margins

Faster time to Respond

Simplified data access reduces time to respond and improves process stability



Improved Collaboration

Process, Maintenance and Technical teams collaborate efficiently because of ONE TRUTH of data i.e., RPMS

Easy Analytics

Drag and Drop Analytics simplifies RCA and problem resolution

Benefits

Focussed Discussions

Quicker Decisions

Effective Follow-ups

Improved Reliability

Improved Productivity

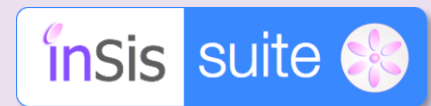




Thank You



Jaaji Technologies
Sophistication with Simplicity



Ph: +91 88976 98106
M: sales@jaajitech.com

