![NetGas R&D logo]

AdAstra

Intelligent Reporting for Operational Performance Assurance

AdAstra brings you significant improvements in:
- Operational Strategy Implementation, according to Accelerated Total Productivity management (TPM) Principles;
- Operational Planning;
- Operational Monitoring, Governance and Reporting;
- Continuous Operational Improvement

Capabilities

With AdAstra's operational performance management dashboards you will be in position to achieve:
- Operational performance planning efficacy;
- KPI definition;
- Right time performance monitoring and alerting deviation from expected;
- Fast diagnostics;
- Automatic ranking of operational issues;
- Collaborative decision support;
- Evaluation of improvement success.

Benefits

1. Reduced costs by 5-10% annually
2. Average production and quality expectations exceeded
3. Staff and asset productivity increased by 45% annually in the first 3 years;
4. 50% Unplanned Shutdowns reduction in the first year;
5. Project and Planned Shutdown duration reduced by 15%;
6. Facility and equipment availability increased by 25% annually in the first 3 years;
7. Industrial process disruptions and corrective maintenance reduced by 30% annually in the first 5 years;
8. Regular inspection and preventive interventions and maintenance steadily reduced and replaced by the more effective and cost efficient predictive intervention and maintenance campaigns

Efficient Industrial Operations and Projects

- **Organization aligned on clear strategy**
- Identification, understanding and ranking of efficiency eaters
- Fast decision on next problem solving

Controllable Operations, Predictable Performance

Business Rules Driven

- **Data and information aggregation automation**
- Optimal business logic applied
- Menaingful visualization and diagnosis

Insight and Foresight in any Time Horizon

95% Plan-Result Fit

- **10% Costs Reduction**
- 25% Availability Increase
- 30% Less Disruptions

45% Higher Productivity in 3 Years

We were fans of TPM before working with NetGas. After implementing NetGas' AdAstra we accelerated the TPM problem solving cycle by factor 4.

- CEO, Refining Company

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Using Microsoft Azure to build the TPM Business Model for meaningful data and information aggregation and Microsoft PowerBI to build the Management Cockpit for insights and foresights, the users are able to identify and diagnose problems in right time and decide next area of operational focus

Clear insights on operational efficiency eaters

- Automatic identification of problems and instantaneous visualization
- Diagnosis of problems from aggregated data rather than from individual observation
- Automatic criticality ranking

Fast decision on area of operational improvement focus

- Intuitive identification and ranking of easiness to solve operational problems
- KPI based decision on area of operational improvement focus

Easy to install and adopt

- Faster to install than other software solutions and with minimum invasion in the existing IT ecosystem
- One shop stop for combined IT, software customization and business change, with minimum invasion into existing business procedural framework
- Deliverable as paid service, solution purchase or hybrid

Your departments complain about low budgets, your operations are often unexpectedly disrupted and you sense a quality delivery risk?

AsAstra: Our promise to you

Consider reaching breakthrough operational performance with an innovative, unique, but already proven approach to integrated planning and plan execution optimization from NetGas R&D

An offer to get you started

If you are willing to spend thrity minutes with us, we will show you in a demo how AdAstra works, how other companies implemented and operationalized it and what benefits they achieved

Tangible Benefits / Desired Outcomes

- Get in control of how your operations perform with AdAstra's accelerated TPM process
- Accelerate your AdAstra solution's operationalization by running it as a service from Microsoft Azure
- Trust the reliability of top Microsoft Azure and PowerBI capabilities representing AdAstra's foundation

Why NetGas?

NetGas delivers advanced and performant solutions and consulting services, addressing core challenges in a variety of industrial environments, aiming significant operational and economic efficiency improvements. Embedding deep engineering knowledge into AI and analytics technologies, NetGas software based business solutions services distil huge amounts of various types of data and information, automates dynamic procedures and enables you to make best knowledge based decisions.

NetGas R&D