NetGas R&D

ActumPro

In any complex industry, lack of accurate budgeting, planning, scheduling & real-time monitoring of plan execution result in underperformance with significant financial losses.

NetGas R&D

Challenges

Long-lasting and unreliable planning and budgeting process, disconnected from corporate KPIs.

Unable to monitor in real-time and predictively adjust the planning execution based on four main perspectives: costs, time, resources and quality.

For many years, market studies by ARC, Forester, Frost & Sullivan, Accenture and many more show these challenges remaining, despite technology advances.

Ideal Solution

Starting from KPIs, build a reliable budget and plan based on intelligent engine able to use the previous executions experience.

Real-time monitor and predictively adjust the plan when deviations appear, intelligent constraints management and ensure targets achievement.

The rate of acquisition of KPI monitoring systems, planning, budgeting systems and extensions to existing ones hasn't diminished since many years. Planning and budgeting are still among top three challenges in all complex industries.

Desired Outcomes

Customers don't need huge unnecessary stocks of materials while facing frequent shortages in production, don't need plan deviations because of unforeseen constraints, don't need targets missing.

All these challenges are predictively addressed by and managed with ActumPro.

Digitalization initiatives that go global are targeting these challenges with priority and huge budgets are allocated upon.

NetGas R&D ActumPro

Intelligent Operations Management Assistant

Intelligent operational planning & budgeting

- Bi-directionally integration with ERP planning
- Weight better performance indicators for operational governance
- Predict & control the qualitative governance
- Import & create domain expert libraries with predefined logic for procedures & activities
- Asure safety

Real-time plan execution monitoring and a adjustment

- Monitor the plan execution, avoiding deviations and any other kind of surprises in operations
- Control and minimize in real time stocks and costs
- Import, create and use stock and purchase (logistic) plans, which support the feasibility of the activities defined in the operational plans
- Send reports to corporate repositories

Forecast in real-time deviations

- Detect and forecast in real-time and rolling mode deviations from time, cost, resources and quality
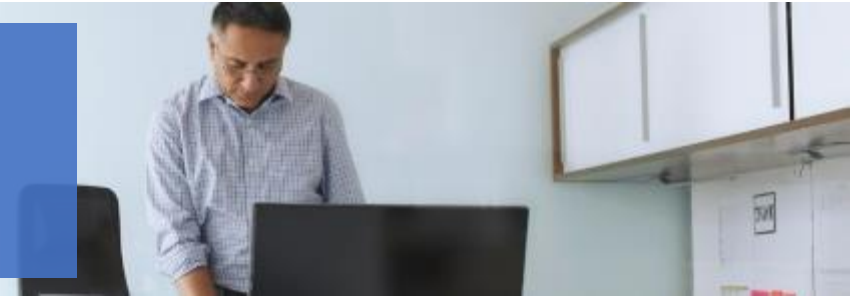- Optimize adjustments preventively

Diagnose causes of deviations

- Diagnose quickly and accurately the causes of unexpected irregularities for critical activities
- Optimize and streamline safety and operational procedures

The management of an upstream company who was managing their upstream operations stated after implementing the NetGas ActumPro that shortages decreased by 82% and stocks scraped decreased with $38Mil. during the first year.

NetGas R&D ActumPro + Microsoft Azure Platform

Reliable operations and resources planning, budgeting, monitoring with predictive adjustment and real-time optimization

Solution Alignment

NetGas R&D + Microsoft Azure Big Data Processing

Your strategy, operations planning, budgeting and execution integrated from all your data sources, monitored transparently, aligned and available at your finger tips.

Time, costs, resources and quality are seamlessly correlated in real-time in separate and also integrated perspectives.

NetGas + Microsoft Azure AI

Logic libraries of activities, imported or created, automatically optimized in your plan, are the digital assitents for the users.

AI and analytical capabilities of Azure Platform delivers a high accuracy predictictions and high speed real-time intelligent models execution.

NetGas + Microsoft Azure Mobile Apps

Significant reduction of costs, high accuracy in KPIs achievement, high level of real-time control of your operations with predictive prescriptions for adjustments and successful execution of operations at your fingertips wherever you are.