

Advanced solutions for upstream operations

Actenum Corporation develops advanced software solutions for operational planning and scheduling in the upstream energy sector.

To support efficient and rapid allocation of equipment and crews to operational activities, Actenum harnesses powerful optimization technology that shows you the value of your decisions—in terms of revenues, costs, risk, and production output—in real time. Actenum solutions eclipse manual approaches and provide capabilities far beyond other planning and scheduling software tools.

By reducing the time needed to build a production plan, even in the most complex operational environment, and allowing you to interactively create schedules that are aligned with your targets, Actenum solutions increase your efficiency, enhance collaboration with other organizational units, and improve your response to operational changes and disruptions.

Rapid and reliable results across your organization

Put the power of Actenum solutions to work

- **Equipment maintenance scheduling:** develop maintenance schedules that are linked to production targets. Ensure that equipment is maintained appropriately and with acceptable level of risk, and align your PM schedules with production goals.
- **Drilling, completion, and workover planning:** Select the right combination of wells so that production targets are met at minimal cost and maximum equipment utilization.
- **Offshore platform scheduling:** Schedule offshore platform drilling slots, well equipment, resupply vessels, helicopters, to maximize production and minimize costs.

- **Optimized equipment allocation:** Actenum solutions give you confidence that you're making reliable decisions that ensure that the right equipment is in the right place at the right time;
- **Increased agility and coordination across organizational silos:** Actenum solutions bridge the gap between long-term ("slow loop") planning cycles, and short-term ("fast loop") operational scheduling management, providing support for scenario generation and predictive analysis, as well as fast and effective decision-making during daily operations.
- **Quantified operational risks:** Proactively manage your operational resources for best results, and assess the risks associated with various resource allocation scenarios, to determine the most appropriate course of action at any time;
- **Enhanced disruption management:** Respond effectively to planned and unplanned disruptions and changes, so when profits are put at risk as a result of operational disruptions you can update schedules in real time—at the speed of business—rather than relying on slower, unreliable, manual approaches.
- **Improved collaboration:** Actenum solutions bring together different organizational units around a common application environment that focuses attention on corporate targets.

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