LISTEN.
THINK.
SOLVE.

12 ways to avoid shutdowns in the oil and gas industry

While poor equipment performance affects profitability, equipment failure can be fatal. The key to avoiding shutdowns and maximising throughput lies not just in accessing production information in real-time, but acting on it. Here are twelve ways to mitigate unplanned downtime in the oil and gas industry.

01 Use technology to access real-time data and provide complete visibility of production

02 Deploy performance management tools to optimise asset availability

03 Use control and safety systems with improved diagnostics to identify where faults have occurred, speeding repair

04 Upgrade obsolete, inefficient, unreliable production systems

05 Incorporate variable speed control solutions that protect motors from excessive wear and tear

06 Use condition monitoring in real-time to maximize equipment performance

07 Reduce the opportunity for human error by programming plant-wide safety systems from a single workstation

08 Implement a predictive maintenance strategy to help to avoid incidents

09 Use flexible technology to design safety instrumented systems with the right level of safety integrity

10 Deploy customisable dashboards to contextualise disparate data for specific tasks and workflows

11 Improve operator awareness, understanding and skills with appropriate training

12 Prevent unauthorised system access with robust network security

Download the guide for more on avoiding shutdowns, or visit:
www.rockwellautomation.com/industries/oil-gas

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