

# Progressive cavity and rod pumps

**National Oilwell Varco (NOV) provides the Guardian pump controller family. It includes controllers for progressive cavity (PC) and rod pumps.**

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Guardian rod pump (Source: NOV)

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Guardian PC pump (Source: NOV)

The pump controllers come with an optional CANopen interface. According to the supplier the rod pump controller reduces maintenance and running cost, while simultaneously providing optimum pump performance. The product protects rod string during high torque conditions and changes speed of the pump to optimize the performance through remote control.

The PC pump controller ensures operational efficiency and control of the pump artificial lift systems. It minimizes downtime using integrated control methods and a proprietary software suite. The product monitors pump performance and controls pump-off situations.

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