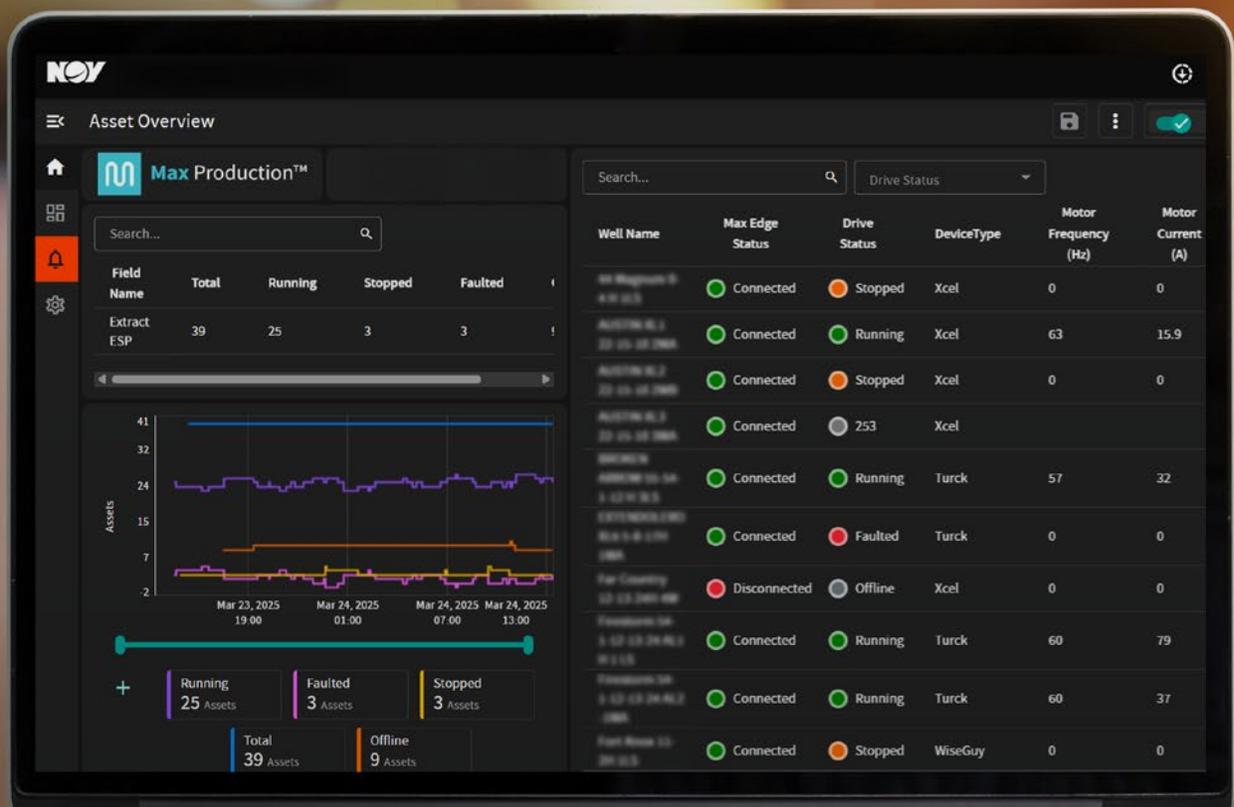
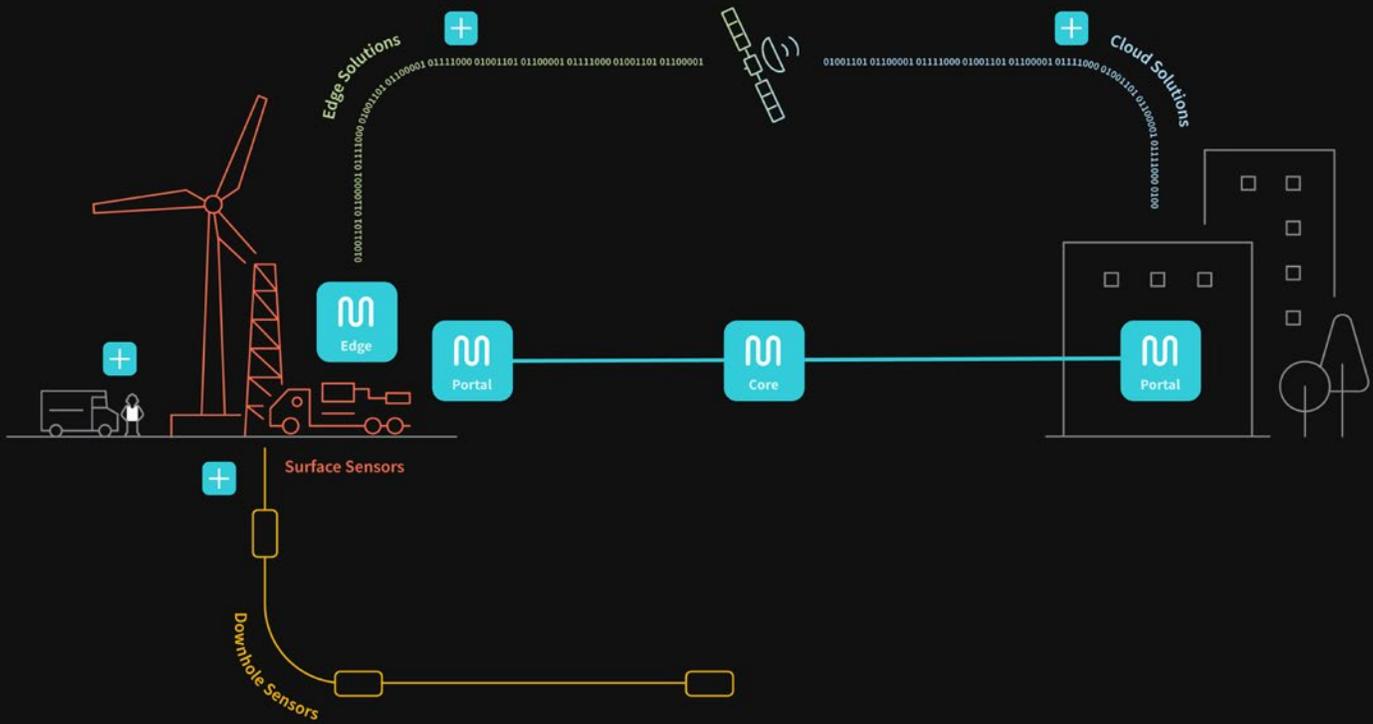




# Max Production

See it. Understand it. **Optimize it.**





Max™ is an IIOT data platform for the energy industry, providing edge-to-cloud solutions that enable real-time insights to drive operational efficiency.

## Max Families:

### Max Drilling™

Generate actionable insights that positively impact your drilling operations.

### Max Completions™

Empower data-driven changes at the wellsite, reducing non-productive and invisible lost time from your completions operation.

### Max Low Carbon™

Reduce carbon emissions with edge-to-cloud solutions that deliver data measurements and actionable insights.

### Max Data Services™

Aggregate data from any source, at any frequency, enrich for better insights, and deliver anywhere.

## Protecting your data is our priority

We are good stewards of your data, employing the best practices and people to provide you with confidence and peace of mind. NOV Customer Data Services are managed within an Information Security Management System that has been independently certified to ISO 27001:2013, an internationally recognized standard for information security management.

Our Information Security Management System has been independently certified to ISO 27018:2019, an international standard for data privacy in the cloud.



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# Smarter performance, greater returns

Max Production empowers oil and gas operators to enhance well production and equipment performance, driving greater returns throughout the life of your assets. From remote monitoring and control to fully autonomous systems, our flexible suite of applications supports your journey at every level of digital maturity. Whether you're taking your first step toward digitalization or advancing to next-generation automation, Max Production is built to maximize performance and profitability across your operations.

## Built for Flexibility. Ready for Anything.

Max Production blends cutting-edge, AI-driven predictive maintenance and optimization tools with adaptable edge technology, ensuring seamless integration into any production asset, process, or facility. These intelligent capabilities help reduce unplanned downtime, improve operational decision-making, and unlock new levels of efficiency and profitability.



## No Data Loss

Production operations don't stop when connectivity drops—and neither does Max Production. Data is stored locally on robust edge devices, ensuring uninterrupted operation even during communication outages. Once connectivity is restored, data automatically syncs, providing continuous visibility and control.

## Out-of-the-Box Dashboards

Get real-time visibility into your assets immediately with pre-configured dashboards that support all types of artificial lift, including ESP, rod lift, plunger lift, and gas lift, as well as other key production equipment. You can build custom views in minutes to align with specific workflows, field layouts, or KPIs, empowering faster decisions with clearer context.

## Smarter Customization at Scale

When a dashboard is customized for one asset, it doesn't stop there. Max Production automatically saves and applies user-defined views across similar assets, saving time, reducing repetitive setup, and ensuring consistency across your operations.

## Seamless API Integration

Max Production is designed to fit into your digital ecosystem, not replace it. Effortlessly integrate existing KPIs and third-party analytics from any source through straightforward APIs, bringing everything together in one unified platform for comprehensive operational oversight.

# Production Monitoring & Control | PMC

Remote monitoring and control, along with KPIs and base analytics, ensure you have real-time visibility and oversight over your production operations.



## Remote Monitoring and Control

Access real-time and historical time-series data alongside contextual information and model outputs—all brought together to provide a clear, actionable view of asset performance. Through Max Edge's seamless integration with local programmable logic controllers (PLCs), you'll gain full visibility and control via an intuitive administrative user interface (UI).

- Control Admin UI for asset configuration
- Grouping of control tags
- Custom or PLC limit options

## Assets and Alarms

Proactive data monitoring through customizable alerts and notifications for timely intervention.

- Instrument against any data source
- Event history
- Scalable configuration
- Email/SMS support
- Dashboard integration

## Customization Made Easy

Tailor dashboards and widgets to fit your workflows with a low-code, easy-to-use interface. Whether you're tracking performance or site-specific KPIs, PMC adapts to your unique operational needs with drag-and-drop flexibility.

## Desktop to Mobile Connectivity

Stay connected and productive anytime, anywhere. Whether you're in the field, at the office, or on the go, PMC provides instant access to real-time data and analytics. Leveraging progressive web app (PWA) technology, dashboards automatically adjust to your device, delivering a consistent, optimized experience across desktops, tablets, and smartphones.



# Production Forecasting & Optimization | PFO

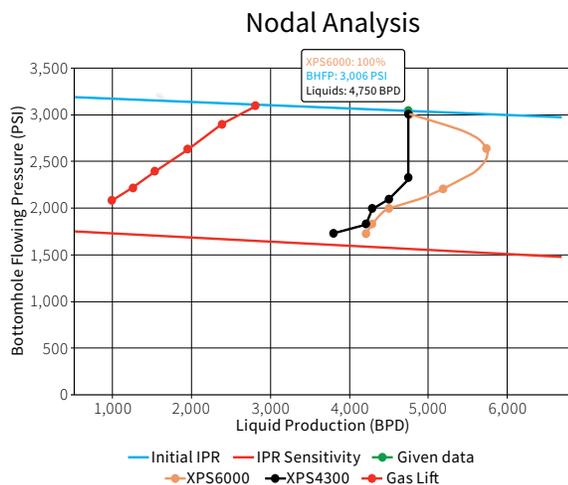
Take control of your well performance with an intuitive, nodal-based analytics tool designed to help you optimize production using real-time data. You'll save hundreds of hours each year by streamlining well analysis, while enabling smarter, faster decisions that accelerate production and increase the value of your assets.

- Compare artificial lift methods to select the optimal solution for your well
- Adjust set points in real time to optimize system performance
- Detect and diagnose anomalies early to extend run-life and increase uptime

## Case Study

### Production increase resulting from larger pump selection

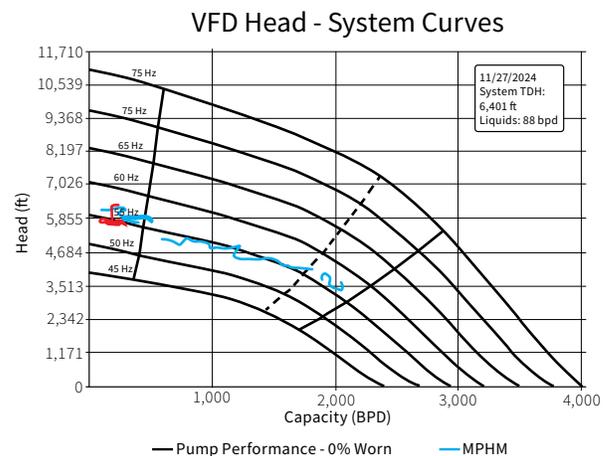
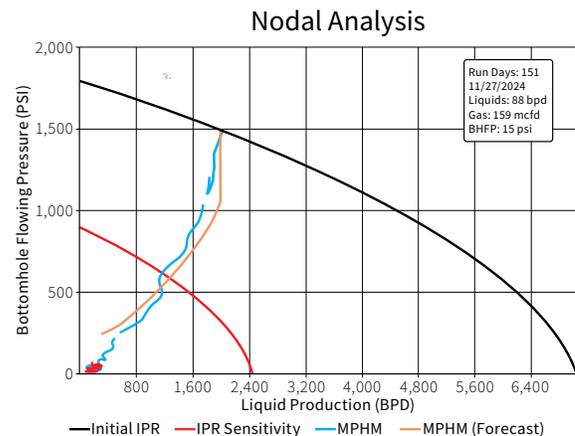
- Comparative lift analysis between XPS4300 and XPS6000 utilizing Nodal Analysis.
- At peak performance a loss of 1000BPD was expected with the smaller pump, as flow drops to 4000BPD the discrepancy between pump sizes disappears.
- The smaller pump on average would produce 600BPD less than the larger pump over the first 100 days.
- By choosing the larger pump, production was accelerated by 6,000BOPD across the first 100 days.



## Case Study

### Health check – pump life analysis

- Model pump performance over the entire life of the ESP
- Models pump wear over time by comparing actual values to theoretical pump calculations.
- Helps to provide insight to pumps current as well as past conditions to help diagnose issues and help in well planning.



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