

SIEMENS



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Extend machine life-cycle while maximizing availability

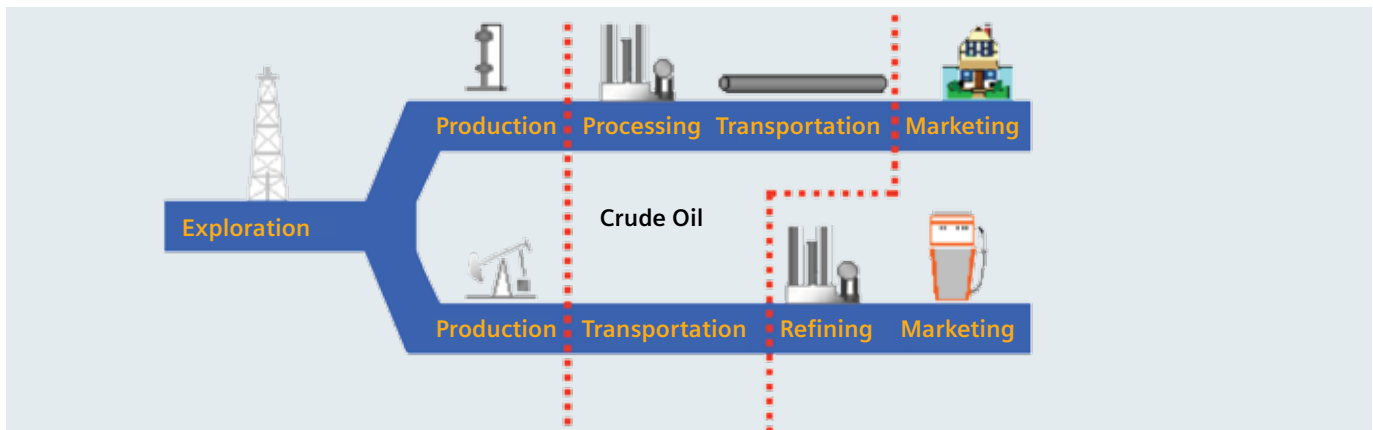
Innovative and reliable OEM Solutions for the oil and gas industry

The demands on the Oil and Gas Industry are immense, particularly in the face of the rapid rise in the world population paired with constantly increasing demands on our environment.

For machine builders, growing pressure on the production side of the end customer leads to the need for an integrated and cost-efficient solution. Higher system availability and flexibility, improved engineering quality, lowered costs for engineering and commissioning, and overall reduction in total cost of ownership are crucial automation design criteria.

With a comprehensive portfolio of reliable, innovative, efficient and environmental friendly automation products, systems and solutions, Siemens is one of the few companies to supply automation solutions to machine builders in all areas of the oil and gas industry.

Siemens can work with machine builders and O&G end users alike in developing cost-saving, integrated solutions as a single source supplier.



Siemens is a single source supplier for OEM solutions across the entire oil and gas value chain.

Siemens OEM and IPC products, systems and solutions offer these benefits

Reliable	Efficient	Safe	Cost saving
<p>The world's most reliable integrated automation and drive products for up-stream and down-stream applications (exploration, production, processing, transportation)</p> <ul style="list-style-type: none"> Shock, temperature and vibration certified products Customized IPC portfolio to meet end users specific requirements SIPPLUS extreme products are ruggedized versions of standard products for "extreme" requirements in the Oil and Gas Industry by overcoming the most extreme conditions i.e. increased humidity, higher level of mechanical stress, etc. 	<p>Prebuilt solutions help shorten time to market</p> <ul style="list-style-type: none"> Comprehensive range of reliable and powerful controllers, HMIs, network communication Open source engineering toolkits provide fast, customized solutions for engineering Process and analyze large, complex data streams WinCC enables the latest Internet and Thin Client SCADA technology to use for process visualization, operation with panels or panel PCs, mobile wireless solution or operation and service via Internet 	<p>Fulfillment of the highest safety requirements in upstream, midstream and downstream applications.</p> <ul style="list-style-type: none"> Fully integrated Safety and Fault-tolerant systems. The engineering environment is the same for standard and safety applications; therefore there is no need to understand a new engineering tool Fully compliant with global standards and regulations (IEC, NEMA, OSHA, etc.) to reduce both OEM and end user liability 	<p>Less expense for engineering, commissioning, training, operating and maintaining</p> <ul style="list-style-type: none"> One common engineering tool for the complete automation system, including a common database and visualization Global libraries allow OEMs to reuse code from one machine and reproduce into another, minimizing engineering time Integration of drives into the engineering tool with possibility to configure, run commissioning, and parameterize drives within the same development environment as the PLC and HMI Integrated diagnostics provide value and add value to the end customer through the use of open PROFINET communications platform

Siemens offers for oil and gas OEMs

<p>OEM tools and content</p> <ul style="list-style-type: none"> Pre-Engineered, open-source function blocks for machine builders, free of charge via "Converting Toolbox" Extended warranty support OEM tools and investments to help train engineers on Siemens platform
<p>Global coordination</p> <ul style="list-style-type: none"> Worldwide spare parts support through local distributors Life cycle service for products, systems and plants across the world and available 24/7/365
<p>Co-marketing development</p> <ul style="list-style-type: none"> Co-marketing at trade shows Siemens normally invests in Help "connect the dots" through Siemens global network within the Oil and Gas industry

What makes Siemens automation solution unique? As an OEM and integrated service provider, we take care of your equipment throughout its entire lifecycle. Whether you need an immediate response to a breakdown, planned maintenance, or leading-edge upgrades to improve the performance of your equipment over the long term – be sure to take advantage of our global engineering expertise coupled to our local service infrastructure. Siemens offers you a total solution supported by our OEM expertise.

To find out more about how Siemens deliver OEM and IPC solutions for the oil and gas industry, contact your Siemens representative today.

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