

An aerial view of an offshore oil rig in the ocean. The rig is a large, complex structure with multiple levels, cranes, and pipes, supported by several large concrete pillars. The sky is blue with some clouds, and the water is a deep blue. The Siemens logo is overlaid in the top left corner.

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Maximize productivity and minimize costs

Siemens tiastar-HD and tiastar-Smart: Delivering profits for the oil and gas industry

No matter where you operate in the oil and gas supply chain, you need to control costs, increase efficiencies and maximize productivity, while ensuring safety and continually upgrading technologies and equipment. New Siemens tiastar Motor Control Center (MCC) delivers the cost-saving efficiency, safety and reliability needed to keep processes and productivity moving forward.

Upstream: The right equipment for the right application.

Remote operations, adverse environments, extreme climates and limited space. These are just some of the inherent challenges of oil and gas exploration and production. New Siemens Oil and Gas tiastar MCC is built for durability and designed to deliver reliable performance and meet the space and functionality requirements across the system.

The tiastar-HD: Fit more control into less space

The Siemens tiastar-HD MCC fits equivalent control equipment into a space up to half the size (6" units versus standard 12"), while adhering to UL and NEMA standards. On offshore rigs, where space is at a premium, the tiastar enables greater production capacity with a smaller footprint.

- Reduces cooling power, saving energy costs
- Uses NEMA rated contactors to achieve the reduced footprint
- Built with rugged construction and premium materials for quality and reliability
- Siemens tiastar Arc Resistant MCC to protect workers
- User-friendly, plug-and-play units are easy to install, remove and service

The tiastar-Smart: Ensure continuous production with online diagnostics

In onshore operations, the tiastar-Smart MCC delivers detailed diagnostics and asset management data, which enables instant fault protections, automated variable adjustments and proactive problem prevention.

- Autonomous back-up function assures production continuity if network fails
- Reduced engineering, commissioning and documentation time
- Adapts to environmental variables for reliable performance
- Siemens tiastar Arc Resistant MCC to protect workers
- Built with Siemens durability and quality

Answers for industry.



Siemens tiastar-Smart
and tiastar-HD:
Delivering profits
for the oil and
gas industry

Midstream and downstream: Keep processes flowing

Transporting crude oil and natural gas requires continuous operation. Unmanned transfer station equipment must be remotely monitored. Variances in temperature, power and other variables must be detected to proactively schedule maintenance and avoid downtime.

Downstream, oil and gas refining requires continual productivity gains. Meeting market demands for fuel makes visibility into the process a critical need. The Siemens tiastar-Smart MCC offers the high reliability needed in both midstream and downstream sectors. This user-friendly MCC enables you to translate raw data into usable information to yield maximum productivity.

The tiastar-Smart: The power to control risk, performance and productivity

Less Downtime	Continuity	Savings	Safety
Online diagnostics and asset management enable instant fault protection and proactive problem prevention.	Autonomous back-up function assures production continuity if network fails.	Features reduced engineering, commissioning and documentation, to save installation time and money.	Offers UL-witnessed arc resistant design that meets the ANSI/IEEE C37.20.7 standard to protect workers.

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

Siemens Industry, Inc.
3333 Old Milton Parkway
Alpharetta, GA 30005
1-800-241-4453
info.us@siemens.com

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