



SIEMENS



Process industries & drives

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## PCS7

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### **SIMATIC S7-400: sicurezza degli investimenti a lungo termine nell'industria di processo.**

I controllori modulari della serie S7-400 vengono utilizzati nell'automazione di processo e manifatturiera nella fascia di potenzialità medio-alta; possono essere impiegati anche come sistemi ad elevata disponibilità (fault-tolerant) o sicuri da errori (failsafe).

**Siemens garantisce il pieno supporto e la continua innovazione dei prodotti della famiglia Simatic S7-400, che resteranno disponibili oltre il 2030.**

I controllori della famiglia S7-400 sono sinonimo di:

#### **Sicurezza degli investimenti**

Siemens ha sistematicamente seguito lo sviluppo del prodotto, assicurando di poter fornire il controllore adeguato ad ogni esigenza di automazione.

#### **Elevate Prestazioni**

Grazie alla scalabilità i controllori della serie S7-400 sono in grado di coprire tutta la gamma di applicazioni dell'industria di processo e manifatturiera, incluse la gestione di compiti di sicurezza ed alta disponibilità.

#### **I vostri vantaggi**

- Automazione ad alta disponibilità e Fail Safe
- Compatibilità, reperibilità e innovazione a lungo termine
- Possibilità d'impiego in ambienti gravosi
- Scalabilità, flessibilità e robustezza

*Di seguito la info completa.*

# SIEMENS

Availability  
beyond  
2030



## Long-term security of investment in process automation

### SIMATIC S7-400 automation systems



Selection of the appropriate hardware in process automation is determined by the automation task, the application and the performance required.

The flexibly configurable SIMATIC S7-400 controller series designed by Siemens is suitable for demanding applications in the process industry. Here, in particular SIMATIC S7-400H and FH systems are used, which ensure a high degree of security and availability.

SIMATIC S7-400 controllers stand for:

#### Security of investment

Important for plant operators: Long-term security of investment. For this reason, Siemens has systematically further developed the SIMATIC S7-400 series. In this way, they ensure that the right controller will always be available for a vast range of automation solutions in the process industry.

#### High performance

Due to its high scalability, the SIMATIC S7-400 series offers various safety and availability levels and thus covers all the relevant applications in the process industry.



### Advantages at a glance

- > High-availability automation
- > Fail-safe automation
- > Automation with long-term compatibility
- > Scalable automation
- > Usable in harsh environments

# SIMATIC S7-400: Maximum security for your investment in the process industry



## Security of investment for plant operators

Siemens has innovated its SIMATIC S7-400 controller family and will thus continue to provide long-term security of investment also in the future:

- In a first step, the SIMATIC PCS 7 controller SIMATIC S7-410 has been coated as standard for the operation in harmful gas loaded environments in accordance with G3 environmental conditions.
- Further, the SIMATIC S7-410 product line is already provided with two built-in Ethernet ports, which can optionally be used for Industrial Ethernet and for PROFINET communication.
- In addition, the operating range of the SIMATIC PCS 7 controller has been extended and now allows working at an ambient temperature of up to 70 °C.



Through a long-term supply of spare parts and availability of components, we provide plant operators and constructors permanent access to the SIMATIC S7-400 controller series.

## High performance for process automation applications

SIMATIC S7-400H/FH automation systems are used wherever processes in the process industry have to be designed for high-availability and fail-safe operation and where high performance is a top priority. For this reason, plant operators and constructors have relied for many years on these tried and tested controllers and continue to use them in their plants. Our modular systems are remarkable not only for their ruggedness, but also for their flexibility.

- They are fully scalable, from the cost-efficient standard solution for small to medium-sized plants, up to redundant or fail-safe systems designed for major production facilities.
- Redundant systems such as SIMATIC S7-400H guarantee various levels of availability for plant operation.



*“The long-term availability of the S7-400 series will remain your guarantee for the future security of your investment”*

Axel Lorenz, Vice President  
Automation and Engineering

