

The background of the advertisement is a high-angle, industrial-style photograph of a factory or power plant. The scene is filled with complex machinery, pipes, and structural elements. Overlaid on this scene is a futuristic, semi-transparent digital interface. This interface consists of various data visualization elements: 3D wireframe boxes representing energy components, floating data points, and several line graphs showing fluctuating energy levels. The overall color palette is dominated by blues and greys, with the digital elements glowing in a light blue/cyan. The Siemens logo and tagline are positioned in the top left, while the product name and key benefit are in a large teal box at the bottom right. The website URL is in a white box at the very bottom right.

SIEMENS

Ingenuity for life

SIMATIC Energy Suite

Easy and integrated energy
transparency

[siemens.com/energysuite](https://www.siemens.com/energysuite)

Secure Your Company's Competitiveness ...

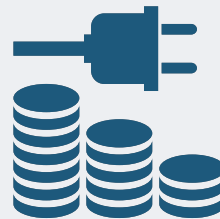
Efficient compliance with legal regulations

- Every company is obliged to comply with legal regulations regarding energy consumption
- Utilize an energy management solution according to ISO 50001 with SIMATIC Energy Suite, SIMATIC Energy Manager PRO¹ and measuring hardware of the SIMATIC, SENTRON, SINAMICS, SIRIUS and SIMOCODE ranges²
- Create integrated transparency throughout your production's energy flows



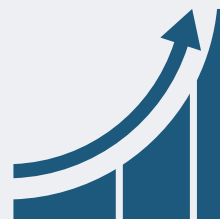
Reduction of operating costs

- Successfully restrain your company's rising energy costs
- Minimize your energy costs through reduced consumption and identification of "energy eaters"
- SIMATIC Energy Suite provides all required energy data from the production process

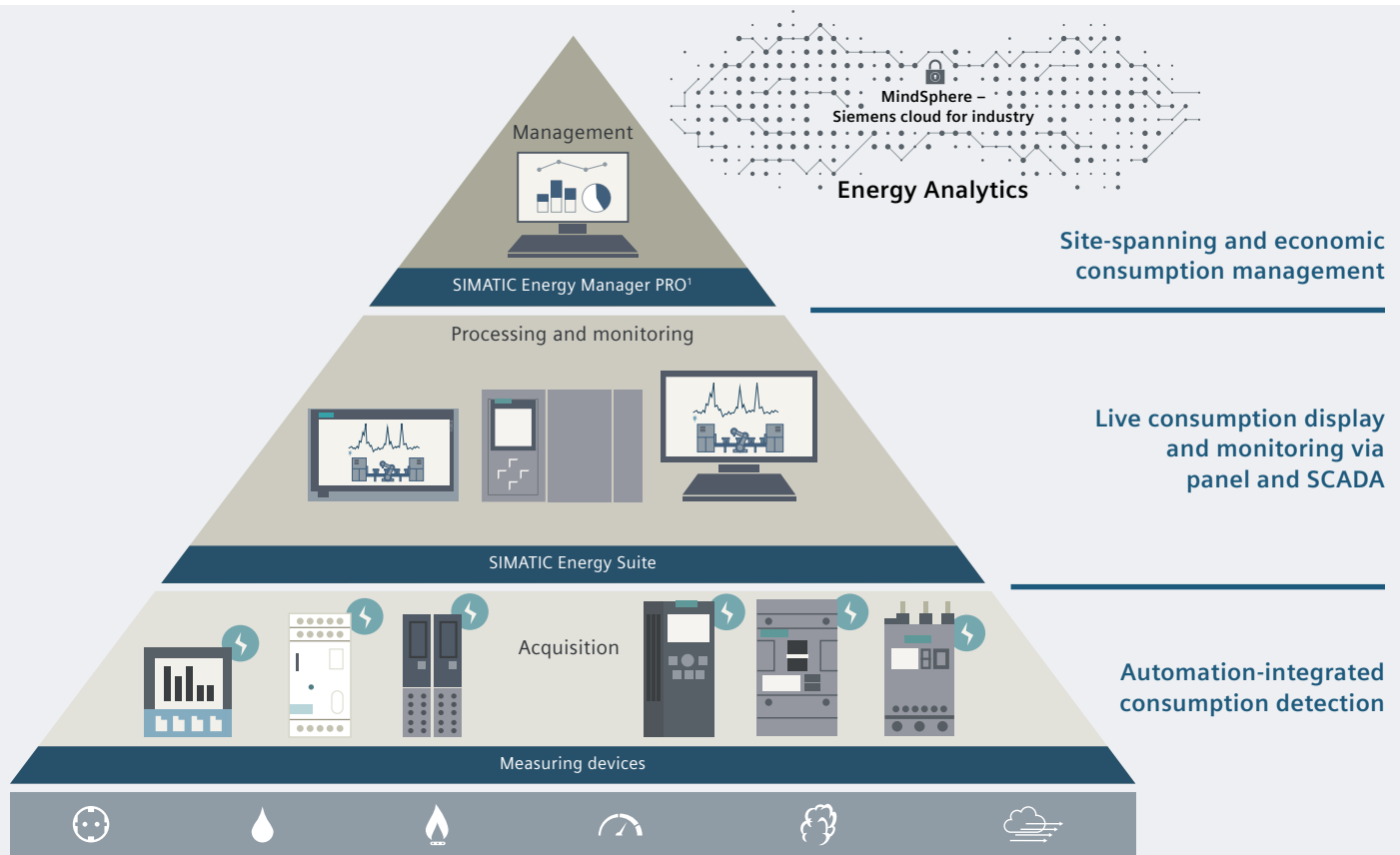


Assurance of competitive advantage

- Increase your competitiveness through continuously reduced energy costs
- Government grants and tax concessions for energy and electricity taxes create financial leeway for investments in the core business
- Improve your market value and your company's image through a certified energy management system according to ISO 50001



... with an Automation-Integrated Energy Management Solution.



SIMATIC Energy Suite

High energy consumption and automated production are typical of many industries.

Operators striving for sustainable control of energy costs with an outlook into the digital future need to equip their plants with integrated energy measuring technology. The production's automation will be embedded with their energy management. This is where the major share of energy is consumed.

Simatic Energy Suite as integrated option for the TIA Portal efficiently interlinks energy management with automation and introduces energy transparency to production. The significantly eased configuration of energy-measuring components of the SIMATIC, SENTRON, SINAMICS, SIRIUS and SIMOCODE product ranges² ensures considerably minimized configuration expenditures. The integrated connection to Simatic Energy Manager Pro¹ or to the cloud-based Energy Analytics service facilitates the acquired energy data's

seamless expansion into a site-spanning energy management system.

As a result, companies are enabled to meet all required economical and management-related energy aspects. – This includes energy procurement to planning to energy controlling.

Advantages at a glance:

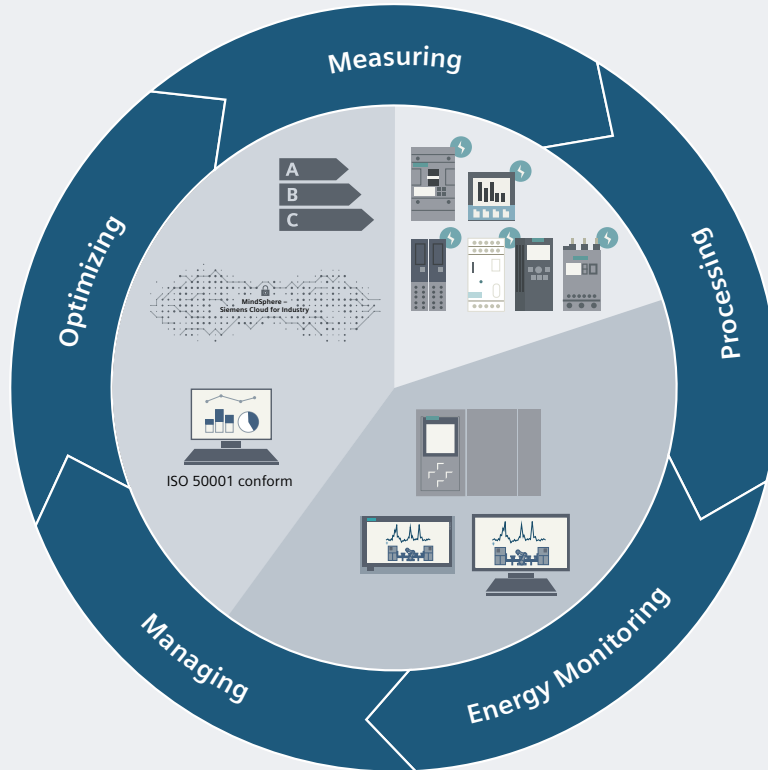
- Automatic generation of energy management data
- Integration in the TIA Portal and in automation
- Easy configuration

SIMATIC Energy Suite – Highlights



- Easy and intuitive configuration instead of programming
- Automatic generation of the PLC energy program
- Comfortable integration of measuring components² of the Siemens portfolio and by other manufacturers
- Integration in the TIA Portal and in automation
- Archiving on WinCC Professional or PLC
- Seamless connection to Energy Manager Pro¹ and Energy Analytics

SIMATIC Energy Suite – Advantages



Operator	Configuration engineer
Energy transparency through interlinking of energy and production data	Easy configuration through easy and intuitive engineering integrated in the TIA Portal
Consistency from detection to management	Efficient realization through automatic generation of the energy program
Investment protection through integration and continuous advancement in the TIA Portal	One platform for automation and energy management
Scalability From the production machine down to plant-spanning energy management, through connection to SIMATIC Energy Manager PRO ¹	

SIMATIC Energy Suite in the TIA Portal – for Transparent Energy Flowse



Digital
Workflow



Integrated
Engineering



Transparent
Operation

Your gateway to automation in the Digital Enterprise

The Totally Integrated Automation Portal (TIA Portal) facilitates full access to the entire digitized automation, from digital planning to integrated engineering down to transparent operation. The new version minimizes your time-to-market with the help of simulation tools, increases your plant's productivity through additional diagnostics and energy management functions and offers improved flexibility through connection to the management level. System integrators, machine manufacturers as well as plant operators benefit from these new possibilities. The TIA Portal thus represents the perfect gateway to automation in the digital enterprise. Within the scope of the Digital Enterprise Software Suite, it not only completes PLM and MES, but also rounds off the holistic Siemens portfolio for companies on their way to Industry 4.0.

Digital workflow with TIA Portal – for open, virtual and networked processes with:

- Flexible cloud solutions
- Virtual commissioning with digital twin
- Open interfaces for increased connectivity

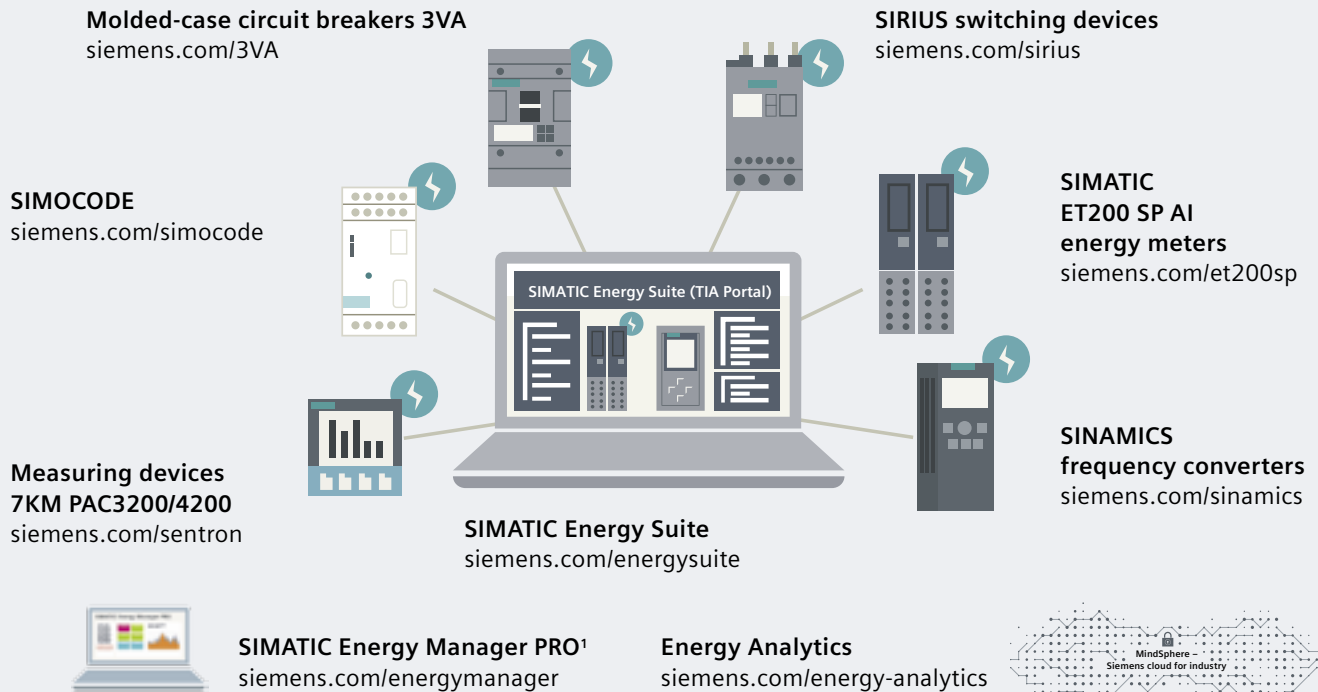
Integrated engineering with the TIA Portal – minimize your time-to-market, for instance through:

- Coordinated cooperation in interdisciplinary teams
- Automatic generation of the automation solution instead of manual programming

Transparent operation with the TIA Portal – increase your productivity, for instance through:

- Increased availability of machines and production plants
- Energy management: Energy transparency for energy savings according to ISO 50001

SIMATIC Energy Suite – Order Numbers and Further Information



Ordering data:

Engineering	Paket per Post	Download
SIMATIC Energy Suite V14 Engineering, incl. 10 Energy Objects (2x 5 EnO)	6AV2108-0AA04-0AA5	6AV2108-0AA04-0AH5
SIMATIC Energy Suite V14 Engineering Trial	6AV2108-0AA04-0AA7	6AV2108-0AA04-0AH7 oder SIOS
Runtime	Paket per Post	Download
SIMATIC Energy Suite 5 Energy Objects ³ (1x 5 EnO)	6AV2108-OCF00-0BB0	6AV2108-OCF00-0BH0
SIMATIC Energy Suite 10 Energy Objects ³ (2x 5 EnO)	6AV2108-ODF00-0BB0	6AV2108-ODF00-0BH0
SIMATIC Energy Suite 50 Energy Objects ³ (5x 10 EnO)	6AV2108-OFH00-0BB0	6AV2108-OFH00-0BH0
SIMATIC Energy Suite 100 Energy Objects ³ (10x 10 EnO)	6AV2108-OHH00-0BB0	6AV2108-OHH00-0BH0
SIMATIC Energy Suite 250 Energy Objects ³ (25x 10 EnO)	6AV2108-OKH00-0BB0	6AV2108-OKH00-0BH0

Released SIMATIC S7 CPUs:

SIMATIC Energy Suite V14 is released for: SIMATIC CPUs of the S7-1500 range (FW V2.0 or higher)

¹ SIMATIC Energy Manager PRO is the planned and innovated successor of SIMATIC B.Data

² Products of the SIMATIC, SENTRON, SINAMICS, SIRIUS and SIMOCODE product ranges; details on the currently supported devices are available here: siemens.com/energysuite-hardware

³ An Energy Object corresponds to an energy measuring point

Editor

Siemens AG 2016

Digital Factory
P.O. Box 48 48
90026 Nuremberg
Deutschland

Order No.: DFFA-B10170-00-7600
Printed in Germany
Dispo 06303
gB 160097 WS 04163.0

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The information contained in this document merely comprises general descriptions or performance characteristics which may not always be applicable in the described form to the specific application case or which may change due to product advancement. The desired performance characteristics shall only be binding if they are expressly specified upon contract conclusion.

Siemens offers automation and drive products with industrial security functions which support safe plant or machine operation. They essentially contribute to the realization of a holistic industrial security concept. Our products are continuously advanced under this aspect. We therefore recommend you to regularly inform yourself on updates of our products and to only use the respectively current versions.

Relevant information is available at:
<http://support.automation.siemens.com>

You can also subscribe to a product-specific newsletter via this link.

To ensure the secure operation of a plant or machine it is also necessary to take suitable preventive action (e.g. cell protection concept) and to integrate the automation and drive components into a state-of-the-art holistic industrial security concept for the entire plant or machine. Also third-party products have to be taken into account in this context.

Further information is available at:
www.siemens.com/industrialsecurity

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All about SIMATIC Energy Suite:

- Automatic generation of energy management data
- Integration in the TIA Portal and in automation
- Easy configuration

Find out more:
siemens.com/energysuite

