

Siplus HCS4300 and HCS4200: space-saving, high-performance heating solution

- **New power output module boosts HCS4300 heating control system performance**
- **HCS4200: space-saving solution for use in flat control cabinets with new CIM4210C central interface module**
- **Simple, convenient engineering and commissioning of industrial heating processes with TIA Portal**

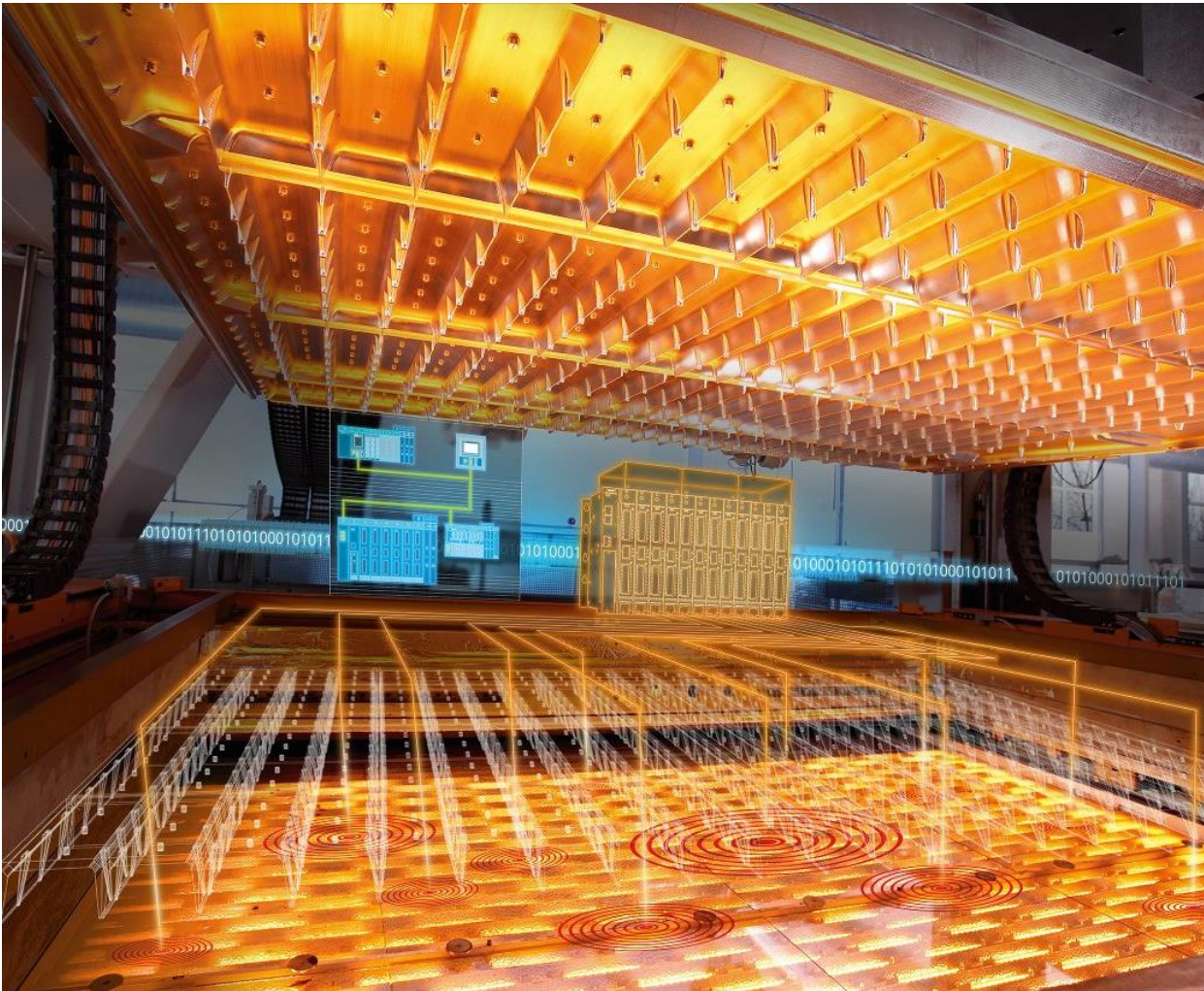
Siemens has equipped the modular Siplus HCS heating control systems for switching and controlling heater fields and elements with a new power output module (POM) and a central interface module (CIM). With more power per output and a space-saving solution for mounting in flat control cabinets, the flexible heating control system is now even more versatile, and can be used for example in applications with heat registers.

With the new POM4320 Highend power output module for 230/277 and 400/480 V power supply networks, the Siplus HCS4300 heating control system can now control electrical heating elements up to 60 A. Three outputs per module can be used at 60 A, six outputs at 30 A. Integrated current measurement for each output enables heating elements connected in parallel to be monitored so faults can be diagnosed. Three-phase heating elements in a closed triangle, as are typically used in applications with higher power ratings can now also be controlled.

For small heating applications with up to 32 heating elements, the HCS4200 heating control system offers a particularly space-saving solution with the compact CIM4210C central interface module, which is just 104 mm wide. As a result, this HCS solution is also particularly well-suited for use in flat control cabinets. All POMs of the HCS4200 can be used in the two slots of the compact CIM.

The Siplus heating control system can be integrated particularly easily into the automation environment via the engineering framework Totally Integrated Automation Portal (TIA) – with minimal cabling effort and fast commissioning. An HCS program library and user examples simplify engineering even further. Smart control routines ensure that the load is distributed evenly across the network, while integrated diagnostic functions enable faults to be detected and localized rapidly.

Heating control systems from Siemens can be found in a range of sectors and applications all over the world: for example, in the drying of paint and coatings, in the molding of plastics and lightweight construction materials, in plastic welding, and in infrared oven baking.



You will find this press release and a press photo at

<https://sie.ag/2PkhisB>

Further information on SIPLUS HCS can be found at

www.siemens.com/siplus-hcs

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