

# SAF REPORTING SYSTEM

Electrics and Automation



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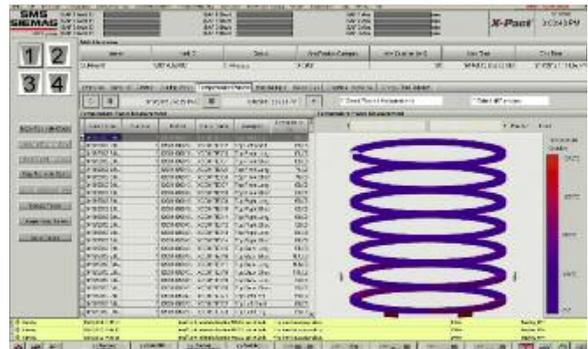
To know is better than to suppose

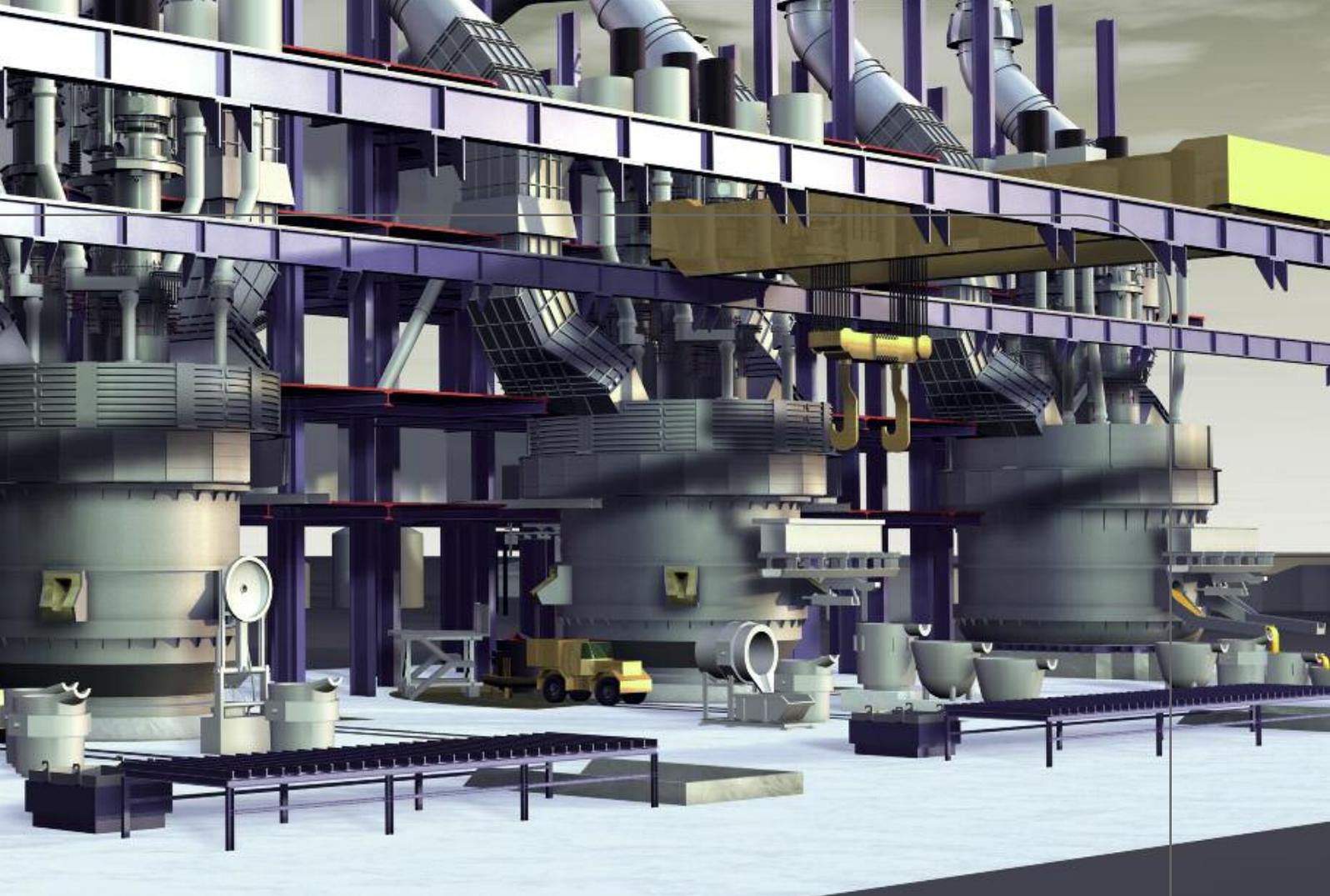
## YOUR REQUIREMENTS

Owners of SAFs today are faced with multiple challenges: Worldwide demands for CO<sub>2</sub> reductions, energy savings, erratic raw material price hikes and the entry of new countries onto the market and thus into global competition. For the owner to assert himself in this environment it is no longer enough to rely solely on empirical values for SAF operation. What counts today are precise knowledge and transparency regarding the processes and interrelations concerning the SAF.

## OUR SOLUTION

With about 500 reference plants worldwide, SMS Siemag possesses extensive know-how in the SAF field. This knowledge forms the basis of the retrofittable SAF reporting system. This system provides precisely that information, in specially prepared form, which is decisive for profitable operation. Thus, in spite of fluctuating market prices for raw materials, procurement can be optimized via material requirement forecasts. Fresh supplies and logistics can be structured more efficiently. The reporting system naturally also provides valuable information on process evaluation and optimization.





## TECHNOLOGICAL HIGHLIGHTS

The SAF reporting system is integrated harmoniously into the overall automation system and it possesses interfaces to the laboratory system, to the basic automation (Level 1) and to the production planning system (Level 3).

The material, energy and utility consumptions are recorded by the SAF reporting system. The following data, for instance, are recorded: Heat numbers, production times, metal and slag weights, metal and slag analyses, final temperature after tapping etc. The reports generated automatically from these data can be issued as required according to relevant selection criteria (e.g. per heat or for the production periods). The reports can be made available directly on the HMI stations or sent to other computers or mobile devices via web-based, user-authorized solutions.

## YOUR BENEFITS AT A GLANCE

- Sound information for profitable SAF operation
- Automatically prepared reports
- Reports issued via HMI or via web-based and mobile solutions
- Upgrades allow economical retrofitting

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**MEETING your EXPECTATIONS**