



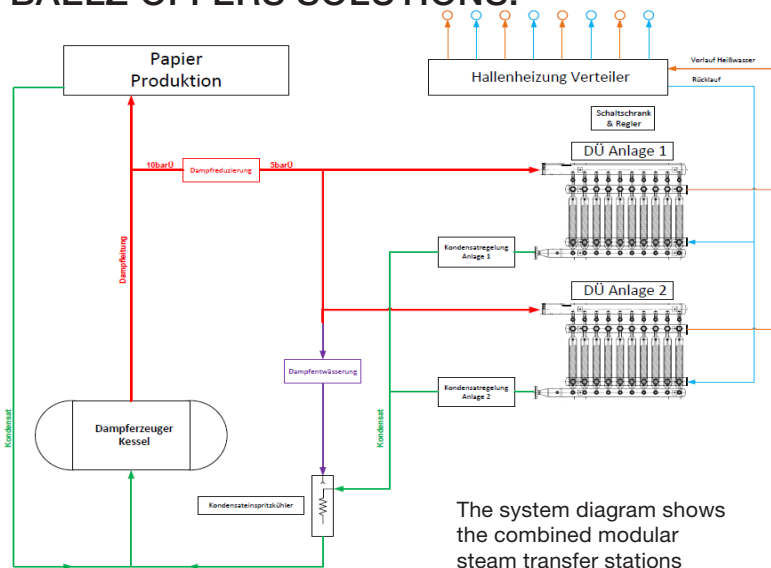
Industry: Paper
Company: Cardboard and paper manufacturer
Location: Germany, central region
Baelz Technology: Steam Terminal® Modulo

WANT TO SAVE ENERGY?

A well-known paper manufacturer is planning to modernise a production building. A central power plant provides steam. To date, heat for all buildings at the site has been supplied conventionally using two shell-and-tube heat exchangers. Customer specification: A new design with different heat exchangers so that the need for regular TÜV pressure testing is obviated. The replacement is to be carried out with the heating system still running.



BAELZ OFFERS SOLUTIONS.



The old shell and tube heat exchangers were replaced with two heat transfer stations, each with 10 baelz 147 modules, complete with control system and desuperheaters. This meant that pressure reducing valves could be omitted and the system optimised for better control by means of two condensate lines. The use of the expandable Modulo system eliminates the need for recurring TÜV technical inspections and the associated costs.

A peek inside: The baelz 147 modular heat exchanger is made entirely of copper.



RESULTS



By eliminating the need for TÜV technical inspections and the associated downtime, potential savings of over € 10,000 per year were able to be realised. The system will pay for itself in less than five years!

