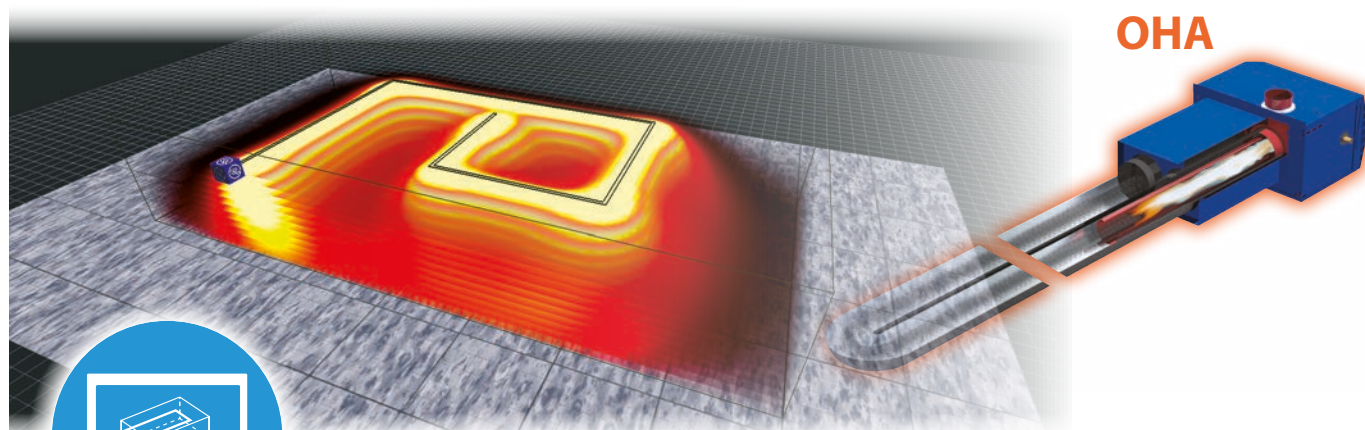


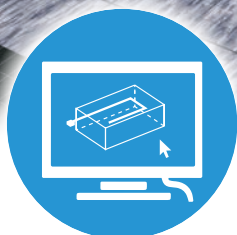


SOFTWARE for the dimensioning of industrial heating systems

An exclusive tool for the planning of your heating solutions. Thanks to this useful instrument Systema supports you in all the necessary steps for developing a heating system with INFRA, OHA, EOLO, SCR assuring high energy savings. Our software is provided with specific settings for all the types of product and is able to find out the best solution according to the real needs of the environment to be heated.



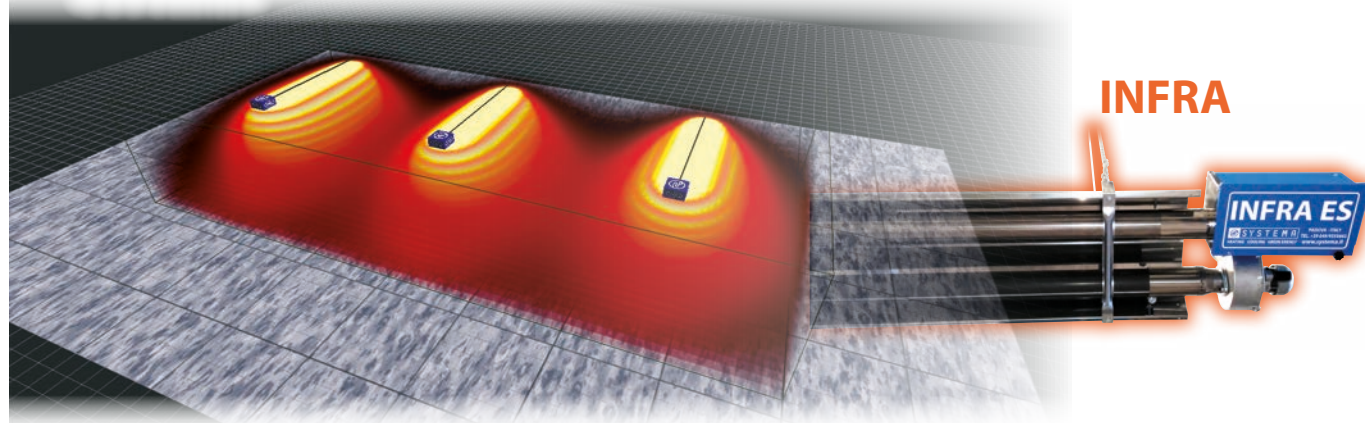
OHA



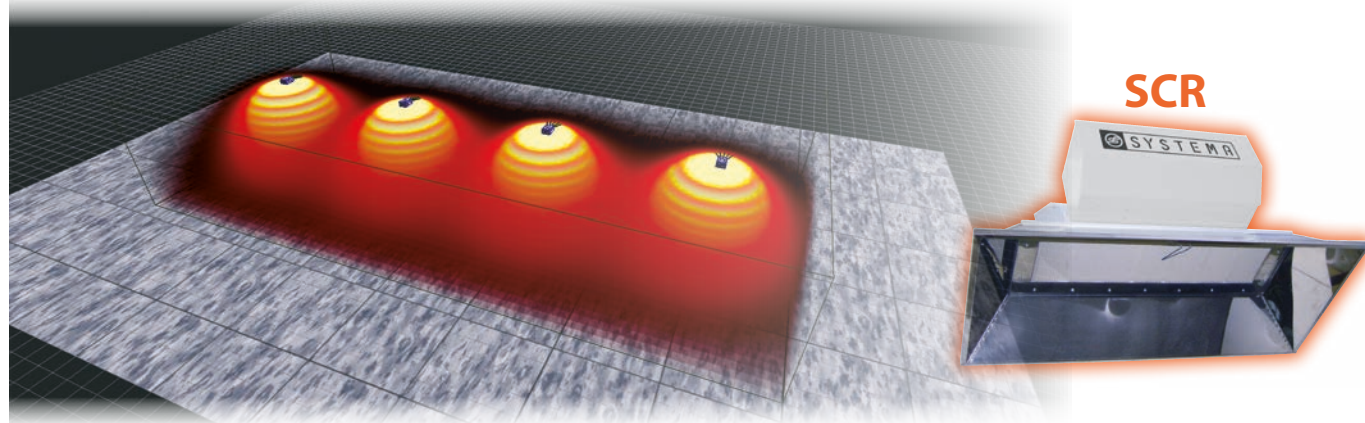
SOFTWARE
SYSTEMA

With our software you can change the type, the quantity, the power capacity and the positioning of the products to be installed keeping the dimensions of the building, and satisfy all the customer requirements.

If you modify the dimensions of the rooms to be heated, the software will change automatically the number and the power capacity of the products you have chosen in order to obtain the best thermal comfort.



INFRA



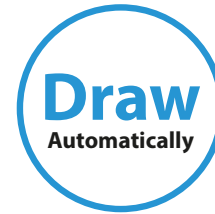
SCR

AUTOMATIC DIMENSIONING

How does it work and what does it offer the SOFTWARE



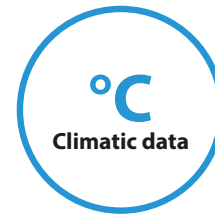
It allows an easy 3D dimensioning of buildings with several heights and to use at the same time the layout and a three-dimensional view of the building complex (we talk about complex when there is more than one building with different parallelepiped shapes)



This application draws automatically the necessary heating system (OHA, INFRA, SCR or EOLO) and calculates the thermal dispersions. For each environment you can choose the heating system you prefer according to your needs.



Thanks to an internal database you can choose walls, ceilings, windows, etc with their respective thermal transmissions. It is also possible to add other elements in order to personalize your heating solution.



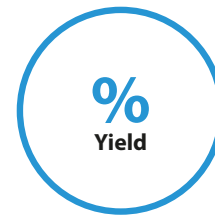
You can set the climatic data (internal temperature, external air exchanges, daily temperature, etc.)



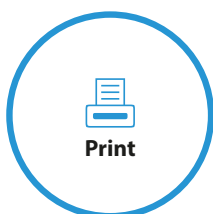
It calculates the consumptions and the annual total costs of the gas (natural gas, LPG, oil).

Customize the discount percentage for the products (OHA, INFRA, SCR or EOLO) as well as the global installation costs or, as alternative, the total net price (systems + installation) in case of general radiant heating systems (Example: thermal power station with water strips or floor heating system) or in case of general air heating systems. (Example: floor standing gas air heaters or thermal power station with water air heaters).

You can create a pay-back analysis and compare the global consumption and the respective investment costs. It gives you the possibility to calculate the pay-back for each solution (OHA, INFRA, SCR, EOLO) in 15 years in order to enable you to choose the most convenient solution according to the type of gas you would like to use.



Set the yields of the systems and devices connected (production yields, emissions, regulations and distributions). Set the proper fuel and the proper unit cost.



You can print the project with all its details or only with the ones you prefer: layout with the positioning of the equipments, climatic and morphologic data, performances, power capacity, hour consumptions, investment costs and pay-back.



You can export the drawing (.DXF format): of the building in order to carry out all the modifications and the personalization you prefer.