

Protecting Equipment, Powering Productivity

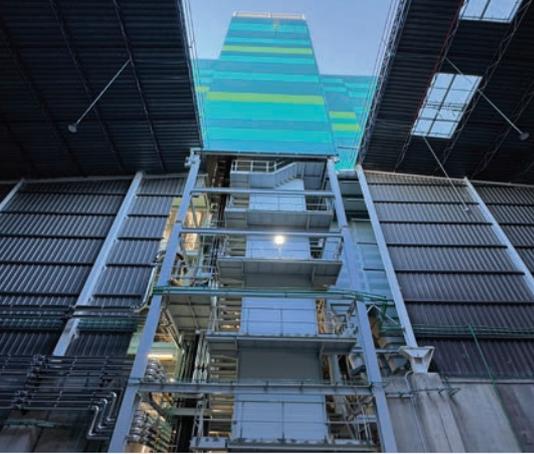
CASE STUDY

nVent solutions enabled Sistein to provide advanced automation and control, ensuring their customer's poultry feed operations run smoothly, safely, and cost-effectively.



INTEGRATED BY





Key Benefits



Time Savings

Express customization and fast delivery enabled Sistein to complete the project within a tight schedule.



Cost Efficiency

The solution was delivered within budget, helping Sistein control project costs without compromising on quality.



Technical Precision

CAD and STEP file-based customization ensured enclosures were modified based on customer drawings, reducing installation time and errors.



Quality Assurance

IP55-rated enclosures and engineering support, including thermal calculations, guaranteed reliable protection and optimal performance.



Agility and Support

Sistein benefited from close collaboration, rapid response to requirements, and ongoing technical support.



Customer Satisfaction

The customer reported being “very satisfied” with the solution and the partnership.



Future Partnership

Sistein confirmed they would choose nVent again, reflecting trust and confidence in the products and services delivered.

Situation

AVINATUR PRODUCCIONES AVÍCOLAS, S.L.U., a poultry feed factory in Sevilla, Spain, required a turnkey automation and control solution to support a production capacity of 70 tons per hour. The project demanded IP55-rated electrical enclosures, rapid turnaround, and precise customization to meet strict technical and scheduling requirements.

SISTEMAS ELÉCTRICOS INDUSTRIALES S.L. (Sistein), serving as the system integrator, was responsible for designing and implementing a solution that would ensure reliable protection for sensitive automation and control equipment, while meeting demanding deadlines and technical specifications. Sistein acquired nVent products through CINTORA REPRESENTACIONES, S.L., the nVent sales representative company and project facilitator.

Solution

Sistein partnered with nVent, via Cintora Representaciones, to deploy a comprehensive range of enclosure systems and accessories, including MCS/MCD enclosures, EFA, CCI06, CCM04, LC02, LE9304, and CEL550M. Through the express customization service, Sistein specified die-cut requirements using CAD and STEP files, ensuring each enclosure was adjusted for installation and equipment protection.

Engineering support included thermal calculation tools for sizing forced ventilation elements and direct collaboration with Sistein's engineering department. This integrated approach enabled optimization of every aspect of the solution, from initial design to final delivery.

Results

Through agile delivery and technical expertise, Sistein successfully completed the project on schedule and within budget. The solution met the technical, service, and budget expectations of AVINATUR PRODUCCIONES AVÍCOLAS, S.L.U., earning high marks for reliability and performance.

The customer expressed strong satisfaction with the outcome, emphasizing the ability to deliver the right technical solution, on time and within budget. The close working relationship among all parties and responsive support were cited as key factors in the project's success.



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