

</ kanecode GENERATED A PERIODIC INSPECTIONS MANAGEMENT SYSTEM />

</Context >

Grupo Cobra is a subsidiary of Actividades de Construcción y Servicios (ACS), a Spanish company dedicated to civil and engineering construction. **Grupo Cobra** is responsible for the maintenance and service of electrical distribution networks, gas, water, and communication infrastructures. This requires coordinating the management of numerous services and their assigned technicians, who must follow strict safety standards and current European and Spanish regulations. **Grupo Cobra** needed an application that would help automate its maintenance management and assignment.



</The Problem>

For years, **Grupo Cobra** had allocated and controlled maintenance services through traditional office automation tools, mainly spreadsheets. This meant having to perform a series of manual, repetitive tasks, increasing the risk of making mistakes when assigning tasks and following up on security protocols.

The service teams asked the company's central IT team to develop a tool capable of automating the work, but the IT team was overloaded with projects already and the application was never implemented. So the service team looked for a way to quickly create an application themselves, which could then be integrated into the company's core system. Thanks to **kanecode**, **Grupo Cobra** went from a spreadsheet to an intelligent application.



</Solution>

kanecode generated a Periodic Inspections Management System that automates a series of repetitive tasks that do not require human oversight. The system also reviews the status of each building and its inspection reports, giving precise maintenance information to site managers so they can assign the correct workers. This allows work to be performed in accordance with current safety regulations and automates preparation of inspection reports. It also tracks expiration of equipment and site personnel to ensure precise quality control for large-scale infrastructures.



</Benefits>

- > Automates repetitive tasks, allowing workers to focus on safety compliance and efficient management
- > Eliminates dependency on central IT team
- > Integrates easily with company's applications and core system
- > Scales, enabling creation of new solutions to meet future requirements



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