



# Case Study – Food Manufacturing Company

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## Summary details

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Client approval: Yes

### Company information

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<b>Solution group</b>	Manufacturing – chilled food
<b>Solution offering</b>	Planned maintenance system
<b>Project name or title</b>	n/a

### Customer profile

<b>Customer name</b>	Food manufacturing company
<b>Address</b>	Northern England

<b>Industry</b>	Food
<b>Number of employees</b>	30 - 40
<b>Annual revenue</b>	c. £2m

# Case Study Report

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## Case Study for Food manufacturer, Northern England

### Company profile

- Established in the 1990s
- Revenues in 2007: £2 million
- Operating 18 hours a day. 6 days a week
- Supplying a range of customers, including supermarkets, independent traders and export customers.

### Business situation

In order to meet key audit & product safety criteria, this food manufacturer needed to expand their existing maintenance recording system.

### Technical situation

This manufacturer was using stand-alone 'off the shelf' maintenance software for the generation of planned maintenance tasks & recording of unscheduled repair work. While this had provided a perfectly workable solution for a number of years, changes in both scale of production and audit and food safety requirements meant a more robust and flexible system was required.

### Solution

Initial discussions with the Client highlighted the key criteria for the proposed solution. Firstly, existing data in the stand-alone maintenance recording system would need to be imported into the new system. Secondly, all production staff would need access to the system to both enter new jobs & also track the progress of existing jobs. Thirdly, the solution would need to be both very cost effective and require minimal training in its use.

As this Client already had good existing computer network infrastructure with PCs located at strategic points throughout the factory, and also had a good specification file server, it was proposed and accepted that a web based solution would meet this Client's requirements. As Microsoft Office products were not being used in most of the company, an alternative system utilising PHP scripting and a MySQL database backend was developed. The Client's own IT technician handled the installation and configuration of the Apache web server software.

Once initial development of the maintenance system had been completed, existing schedules and repair data were exported from the stand-alone system, filtered and imported to the new web-based system. Staff training followed, and the whole project was completed within 6 weeks.

### Benefits

There were many benefits for the client in adopting EAM Consulting's solution, but included were the following key benefits:

- Documented compliance with food safety and audit requirements
- Cost effective solution

- Company-wide solution
- Minimal staff training required

### **Products and services used**

- Web based maintenance system (built around PHP, Apache and MySQL)

### **Services provided by other groups or companies**

No outside companies or organisations were used in the provision of this particular solution.



## **EAM Consulting**

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