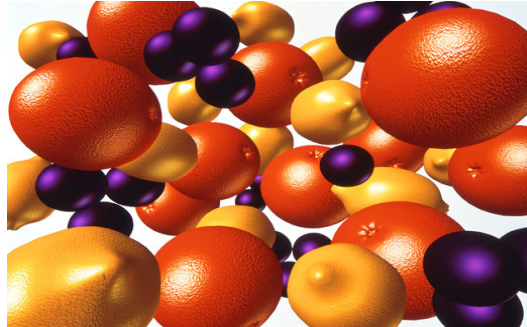




## Maintenance Review - Ice Cream Manufacturer



### Situation

The company decided that they needed an independent external review of the current manual maintenance systems to quantify the costs and benefits (if any) of implementing a computerised maintenance management system (CMMS).

### Tasks

Previously the company had received a number of presentations, cost benefits analyses and 'value' study assessments from a number of CMMS suppliers. The various software suppliers had all concluded that investing in a CMMS would return a positive ROI. The company's management remained sceptical and decided to seek a more objective view from an independent consultant.

### Activities included

- Reviewed the current asset numbering system.
- Evaluated of the types and levels of technical documentation.
- Examined in detail the manual PM system.
- Analysed the plant history records in terms of detail and type of information being recorded.
- Examined the methods and type of analysis of the historical data.
- Interviewed the maintenance personnel, production staff and general management. Identified the short falls of the existing systems and procedures.
- Recommended and produced a plan for improvements.
- Reviewed downtime and production losses.

### Result

A detailed report outlining the findings was produced. The key recommendation from the study was for the company to modify some of the existing procedures.

Unlike previous studies by software suppliers Adrelia found there was no cost justification at this stage to implement a computerised system. The company was more than comparable with its peers and was achieving 'best-in-class' metrics.

The company was looking increasing output significantly in the near future and if this investment took place then it would be prudent to also invest in a computerised maintenance management system for both the old and the new equipment.