

Paper Mill

A large paper mill was instructed by their insurers that unless a new fire alarm system meeting all the current standards was installed, their insurance cover would be revoked.



Problems

- Insurers imposed a short timescale for project completion
- The site was vast and complex
- Any mill production downtime would add significantly to the overall project costs

Solution

The mill management had already received quotations for traditional hard-wired fire alarm systems, with the most competitive totalling in excess of £250,000. The high cost of the quotations reflected the complexity of the site and the amount of civil engineering works that would need to be undertaken to provide total protection for the site.

In addition to the installation, disruption to the operation of the plant would have added further costs to the project. The timescales quoted for completion of the project were months, which didn't meet the short timescales imposed by the insurance company.

EMS solved all of the mill's problems and requirements of the insurance company by providing a 5000 FirePoint radio fire alarm system solution.

A radio networked system consisting of six controller panels and over 680 devices were successfully installed, tested and commissioned in five weeks at a total cost of £135,000. This was achieved without disruption to the plant and without any additional hidden costs often associated with large complex hard-wired installations.

The paper mill not only achieved the installation in the required time but at half the cost of the best hard-wired solution.

The paper mill group has since installed another EMS system in one of their other plants.