



iPlan

Introduction

BP has used iPlan to help them plan and manage their Shutdown events at Saltend since 2004.

iPlan has been used for their Routine Maintenance and Capital Projects since 2010.

Background

Saltend Chemicals Park is the European centre for BP's Acetyls Business Unit and BP own and operate 2 world-scale acetyls plants here.

These plants are the largest producers of Acetic Acid in Europe, producing approximately 500,000 tonnes per annum.

Acetic acid plays an important part in the manufacture of films, fibres, fabric, washing powder and food packaging.

Acetic Anhydride, also produced here on site, is used in making cellulose acetate which is found in textiles and plastics. It is also used in pharmaceuticals.

The Problem

Before BP had started using iPlan, they had invested significant time and resource in developing an effective maintenance workflow. They were frustrated by the standard of shutdown management systems available to support this workflow.

These systems;

- Were commonly incompatible with existing site systems.
- Had to be operated by specialist Planners provided by the Maintenance or QS Contractor.
- They were based around a system developed in the 1980's which had not been improved since the original prototype. As a consequence the system was inflexible and difficult to modify.
- All of the data within them was effectively locked in and only accessible by the supplier's personnel.

This represented a significant risk to the sites ability to effectively retain control of the planned workflow.

The Solution – iPlan

iPlan provided BP with an all-inclusive management system which not only raises the standard of planning, but can be accessed by BP and their Contractors at the same time, thus enhancing collaboration between both parties.

iPlan is utilised by Saltend for all maintenance activity from delivering individual job tasks such as replacing a flange through to the management of multi-million dollar shutdowns.

Underpinned by information check points iPlan prevents losing control of maintenance events, reducing the chance of minor problems becoming costly mistakes.