



Customer Challenge

A new installation was required to provide high output visual alarms in a heavy duty industrial environment. Due to the vast size of the site, a large quantity of VADs were required, many being mounted at heights of up to 5m to enable clear signalling.

Budget was significantly limited so the design required existing long runs of cabling to be reused with the installation of the most efficient signalling devices available to ensure that the system could operate effectively.

Fircroft Solution

The new system was designed and installed with over 700 Fircroft DUO strobes powered from 48v monitored supplies. The current consumption was reduced at high voltages & volt drops minimised to ensure a minimum of 20v at the end of the line, ensuring long distance reliable stability. (The Fircroft DUO operates between 18-56 volts).

Less VADs were required due to the high power output & resulting uniquely high coverage of the DUO strobes enabling the installation of the DUO devices at a height of 5m

Customer Benefits

The newly designed system came in well under budget as LESS VADs were required due to the high efficiency Fircroft devices and high coverage of the DUO strobes that cover up to 720m³.

Reuse of existing long cable runs enabled the cost to be significantly reduced. This was achieved due to the wide operating voltage of the Fircroft DUO. (18-56 volts).

Each individual VAD performed with FULL light output throughout the circuit with heights of up to 5 meters, providing reliable circuit stability and peace of mind.

