



Legacy PLC Upgrade Product Information

Legacy PLC upgrade

Is your plant reliant upon a legacy PLC?
What would happen if the PLC fails?
KCS can provide a reverse engineering solution to program a new PLC which will provide a new lease of life to your plant.




Dependent upon the requirements we can often utilise the existing panel and retrofit a new PLC with only minor modifications.

Cross Platforms

- KCS have experience in programming multiple vendor PLC's including Allen Bradley, Schneider, Omron and Siemens
- Visualisation can be provided using an HMI or a SCADA package

LEGACY PLC



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Case Study

Requirements

To replace a Mitsubishi FX2n-64MR-DS and HMI with a Siemens S7-1200 and KTP700. Downtime is to be kept to a minimum.



Solution

To undertake this work KCS first had to obtain the existing PLC code. This was then deciphered and programmed into TIA portal. An extensive in house testing process was undertaken to prove the working of the code.

In order to minimise downtime the existing enclosure and wiring was retained. The PLC was removed and replaced with the Siemens S7-1200. A new enclosure door was provided which provided a cost effective way of replacing the HMI whilst reducing time on site.