

## SAICA



### Project

SAICA Paper is a Spanish company that are world leaders in the manufacture of paper for corrugating. The new £290 million PM11 65,000m<sup>2</sup> facility at Partington near Manchester is Europe's latest and one of the world's most advanced Recycled Paper Mills. Now fully operational, approximately 450,000 tonnes a year of 100% recycled paper (containerboard) will be produced at Partington Mill to be used in the manufacture of recycled corrugated boxes – enough paper to cover the distance between Partington and London (196 miles) every 3.5 hours. The mill utilises state-of-the-art technologies, including a dedicated Combined Heat and Power (CHP) station to generate clean energy as well as an advanced effluent treatment plant. SAICA's Paper Machine 11 will hugely contribute to the UK environment by recycling in the UK thousands of tons of UK recovered paper that are currently exported to far away countries.

### Solution

Due to the physical size and mixed use of this site it was key that a bespoke infrastructure was designed to provide a single platform to enable distribution of all communications over this vast and demanding site that covers offices, manufacture, distribution and operates 24hrs day / 7days week. With performance, resilience, flexibility and future proofing the key requirements both in the office and manufacturing areas a TE Connectivity (AMP) Fibre Optic and Category 7 solution was chosen to enable the following services to be installed by ACI Integrated Solutions.

#### IPCCTV

Wireless Network

PLC control systems – SCADA and PROFIBUS

Projection and Smartboard solutions

In addition to the 2500 Category 7 RJ45 outlets installed, there was a total of 48km of Single and Multi-mode fibre optic cables installed linking the 32 equipment and control rooms throughout the site.

Also with the successful completion of this project ACI Integrated Solutions have also completed installations for SAICA in Glasgow, Edinburgh, Forfar, Hartlepool, Sunderland, Croy and Wigan.

*"We are thrilled that our world-leading facility is now running at full capacity and are proud to officially open PM11 which has already set new records."*

*SAICA President - Ramón Alejandro*



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