



PCI EXPANSION SYSTEM 🏠

A well known Test & Measurement company approached Amplicon to provide a solution to add PCI slots & extra hard drives to their Research and Development system.

SYSTEM REQUIREMENTS 🏠

The initial system had used the majority of its PCI slots and only had room for three internal hard drives where a further four were required. The hard drives had to be mirrored to achieve the desired redundancy and reliability. Additionally the drives had to be removable for security and rapid swap out.

SOLUTION 🏠

To meet this requirement we were able to suggest an industrial compact I/O module which could easily have more I/O added and benefited from using wireless ethernet technology. The display board worked using lights dotted around a representation of the course so relays were used to switch them on in a predefined order. Each board has 120 lights so 20 ADAM6060W each with 6 relays were used as well as additional modules as spares. The AWK1100 Industrial wireless ethernet access point made the connection back to a central control point running in house custom software.



WHY AMPLICON? 🏆

Amplicon was seen as the preferred supplier as we are able to offer 30 years experience within the IT and Instrumentation industry. Speaking to our application engineers Amplicon was able to meet the customer's requirements with an appropriate solution that was both easy to use and met their budgetary constraints. The solution was easy to install and portable for future applications.