

Case Studies

Toyota plant shifts to higher gear with ACTpro

BDI Security Solutions Ltd has installed access control equipment at sites in Burnaston, Derbyshire, and Deeside, North Wales, for car manufacturer Toyota Motor Manufacturing (UK) Ltd. At Deeside, Toyota operates an 115-acre engine plant. Together, the two sites represent an investment of £2.5bn and employ 3,000 people.



Brief:

The client wanted a tailored solution that would enable them to operate from a virtual environment and respond promptly to requests.

Solutions provided:

1. The installation replaces a legacy system that was no longer future-proof and did not allow access control listings to be integrated with Toyota's general corporate database. The client now has a unified solution with badge-printing as an integral and cost-effective element when it had previously been a separate process.
2. The equipment includes ACTpro Mifare1030 million proximity readers at both indoor and outdoor locations. These slim-line readers support third-party smart cards and fobs, feature a robust polycarbonate housing and have an ingress rating of IP67. They are particularly suited to this type of project where the smart card is used for multiple applications across access control and HR.
3. Toyota is also using ACTpro eLock MIFARE Classic. This is a wireless door lock that includes an access control reader and opening mechanism, all powered by batteries. eLocks operate with an ACTpro eLock hub and up to 32 locks can communicate over a wireless network with each hub.

Installers:

Operating from a base in Cambridgeshire, BDI Security Solutions Ltd. specializes in bespoke design and integration of this kind on high-profile projects. The company offers access control, video surveillance, perimeter intrusion, turnstiles and barriers. It is active in manufacturing, education (both schools and universities), retail and public sector. BDI Security Solutions Ltd. excels in maintenance and has a 24-hour emergency call out technicians. Remote diagnostics and support are available for many installations.



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