

Upgrading to a smart surveillance solution to meet growing needs.

Hustler HQ adds Axis access control, network camera systems and AXIS Camera Station to growing business and changing needs.



Organization:
Hustler Equipment

Location:
Hastings, New Zealand

Industry segment:
Commercial

Application:
Remote monitoring,
access control

Axis partner:
Shadow Solutions

Mission

Hustler Equipment's previous HQ was dated, and although CCTV and associated technologies were extensive and functional, the organisation recognised that technologies had moved on. The physical space was also much larger than the previous site, and would now encompass administration offices, manufacturing works including welding areas, paint booths and assembly, plus large covered loading areas for logistics. Hustler recognised the need for a relatively future-resistant technology platform, with CCTV and access control integration where possible to improve health and safety, operational efficiency and enhance user-friendliness.

Solution

Hustler Equipment engaged Shadow Solutions to not only install the network infrastructure, but also design and deploy an integrated security solution including Axis network cameras and AXIS A1001 Network Door Controllers. Shadow Solutions have extensive experience in using Axis integrated solutions and opted to deploy an Axis software platform (AXIS Camera Station) to accommodate the cameras and door control,

which would also integrate with an Inner Range Integriti alarm panel for monitored burglar protection. Axis camera models deployed at the Hustler facility include a mixture of AXIS P3707, AXIS P3717-LE, AXIS P3225-LVE and AXIS M3105-LVE Network Cameras.

Result

Hustler Equipment has a new large, modern facility which is widely covered by high-level security cameras, has secure and functional access, and integrated systems which communicate logically with one another to provide enhanced services. Aside from the obvious security advances, the ecosystem also provides benefit for health and safety compliance. Door controllers, alarms and monitoring via cameras help maintain safety, particularly in the loading areas and on the factory floor, with scope for crossline detection and digital auto-tracking. Analytics and machine-learning for example could minimise the risk of people walking in front of a forklift on the factory floor or going into a room where large equipment is being painted without appropriate protection.

“From Hustler’s point of view, the whole process was simple and painless, and the flexibility and quality of the Axis equipment and Shadow Solutions’ installation was of great benefit to Hustler. We could simply focus on the outcome rather than getting bogged down in technical details. The solution is for us a full featured, top-of-the-range surveillance and security system, which seamlessly integrated the alarm, door-locking, and gate features that we needed.”

Arne Currie, Hustler Equipment.

“This health and safety aspect was another big selling point for us using Axis cameras on the Hustler site as the ARTPEC-7 chip can actually perform these functions effortlessly, whereas many other cameras cannot,” explains Hacking.

Future proofing solutions

Hustler Equipment has grown from a small, family-owned business just down the road from the family farm in Hastings, into a global enterprise. The company thrives on innovation and prides itself on using technology to find better ways to do things, building efficiencies into farm management and producing some of the best livestock feeding solutions on the market. The organisation, still owned and run by the Currie family after 59 years of constant success, insisted that the same qualities of innovation and cutting-edge technology were built into the DNA of the company’s new global headquarters in Hastings.

The company were unsure of their exact data cabling requirements and therefore engaged Napier-based Systems Integrators Shadow Solutions to work with their managed IT service partner (HB Technologies) to provide consultation on the network, including Fibre backbone and UTP infrastructure. Shadow’s consultation services would cover administration data, the WiFi network, automation and security/CCTV solutions.

“We designed an FX and Cat6A UTP solution that would enable the site to be wired for their immediate needs, with the benefit of remote demarcations and cabling support for any future technology growth,” explains Matt Hacking, Managing Director at Shadow Solutions.

Flexibility to meet changing plans

The chosen integrator, Shadow Solutions, deployed the range of Axis cameras for Hustler as a response to their initial brief, which required cameras to have a high level of functionality.

“They particularly liked the Axis cameras due to the exceptional internal coverage in the manufacturing and assembly areas, provided by the multi-sensor units. All of them work on a single network connection and AXIS Camera Station license, which was an added benefit to the team,” said Hacking.

Camera viewing and door control was to be run via AXIS Camera Station, which allows the security team to monitor all of the networked Axis cameras and provide door control to the staff carparking facilities as well as truck entry and exit points. The server provides both local and remotely monitoring access, for extra convenience and peace of mind. Three AXIS A1001 door controllers were installed including an Autodoor for reception, another for staff access and a third for truck entries. HID Bluetooth readers were included in this part of the ecosystem, and the system is integrated with the facility’s monitored security and fire alarm systems, and scheduling platform. Shadow designed and deployed a comprehensive foundation for the new building and found that flexibility was required in order to accommodate the scope of the job as it evolved.

“The IP network-enabled Axis product was perfect for the site as we were able to provide flexible alternative solutions as the plans evolved during the build process, and changes were sometimes made that would affect where equipment would be located,” states Hacking. “Hustler also really appreciate having a single trusted contractor that was able to bring their ideas to life whilst also planning ahead, as they did keep us on our toes with those ideas during the process!”



“The client appears to love the quality and coverage from the cameras, the simplicity of use, and of course the fact that we’ve integrated some systems like door control to provide better operation,” says Matt Hacking, Managing Director, Shadow Solutions Ltd.

HUSTLER
shadow
solutions.

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