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## Security is Boss for Hugo

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### Intruder, access and CCTV combined

The six-figure contract for the design, supply, installation and commissioning of the sound, fire, security and communications package at the 1,500 square metre store, itself arranged over two floors, was eventually awarded to PEL Services.

PEL has subsequently busied itself in addressing the issues mentioned by installing the most appropriate intruder alarm, access control and CCTV systems for the job.

Access control is provided by an RBH proximity-based set-up comprising a control unit linked to readers at key, security sensitive, points, and cards encoded with an individual number. The wall-mounted readers identify the code of valid cards when they are presented in close proximity to the reader. Once the code is successfully authenticated by the database, either the electronic release mechanism is activated or an electro-magnetic lock thrown open.

PEL has fitted the access control readers adjacent to Stock Room doors, to protect access to and from the shop floors and to guard other sensitive areas. Readers are programmed such that they grant different entry levels.

For example, management are granted entry to all areas, while access to specific areas will be restricted for all non-authorised personnel.

Working hand in hand with the access installation is a rather special and extensive CCTV system. It's one that embraces some very nifty new technology. Tiny Eclipse cameras supplied by Vista sit motionless just below the ceiling and offer monitoring staff a 360 degree view of the shop. How is that possible without the camera moving? The cameras are able to capture a single, fish eye, image that generates two completely independent analogue outputs. Each of these can then display any combination of image view, from a full 180 degree panoramic through to four virtual cameras, each with independently controllable electronic PTZ functionality. Impressive, isn't it?

Systems Implemented:

## ACCESS CONTROL