



Data Centre: High Security Site

Headquartered in the South East of England, **Everest Data Centres** provide the highest security expectations to their clients, with a high level of 2N protection for customers to host their mission-critical servers and data. Customers range from SMEs with a requirement for hosting a single rack, through to larger corporates requiring dedicated data halls to their precise specification. The Reading data centre is a 60,000 square foot facility located in the heart of the Thames Valley, near to the Green Park technology area.

As well as holding Information Security Management standard ISO 27001, the Tier 3+ Reading site is a high security, 1000 Rack Data Centre with an impressive array of backup power options to ensure there is no interruption of service to their clients. Site security is also at the highest level using HD CCTV with extended recording retention, the latest in iris recognition access control and detailed visitor processing. Staff are also on site 24/7.

As one of the largest data centre operators with no external shareholders, **Everest** have a reputation as a friendly and approachable company whose owners take a true interest in their customers business needs. With over 30 years experience of data centre design and operation, the management team is led by Ed Butler who is a veteran of the hosting and data centre industry. To complete the security protection for the site a **RoadPixel** HD ANPR System was installed to integrate with new bi-fold electronic gates. The system comprises a **RoadPixel** ANPR Processor running **RoadPixel's** recognition engine and application software.



RoadPixel's ANPR Processor is located in a central admin office to make it easy to update the authorised database especially with temporary visitor permits via RPX-LIVE, RoadPixel's Security and Access Control Application. The ANPR system's I/O controller is linked to the new Bi-fold gates. RPX-LIVE opens the gates for all authorised users and visitors as well as recording full event data and images for all traffic including any vehicles such as delivery trucks allowed access manually. All vehicles entering and exiting the site are logged as searchable event records with mono and colour images integrated to an SQL database.

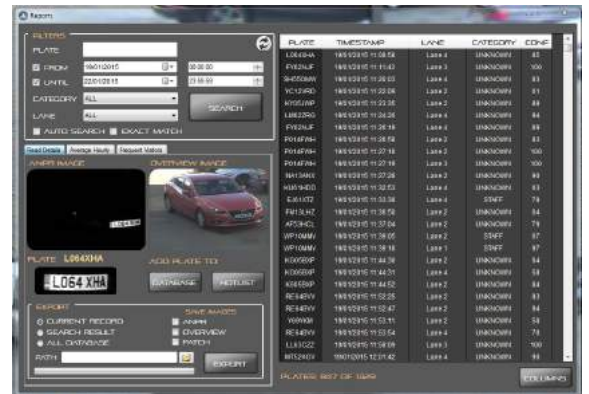
RPX-LIVE is simple and easy to use and allows the Security team to search the SQL-based event logfile by full or partial plate and time and date range providing a list of results with event details and associated images. Multiple user groups can be created within RPX-LIVE's database to ensure that only authorised vehicles are granted access on to site within specific time ranges. Permanent access can be granted to staff members whereas temporary 'virtual permits' can be issued for contractors or day visitors.

A 'hot list' or 'alert' can be used to highlight any vehicle plate whether known or unknown approaching the site, with the Security team being notified in real time with the use of security alerts and alarms. Notifications can be sent via email to multiple staff members enabling them to deal with situations promptly. In addition even unknown vehicles passing on the perimeter road can create an alert if seen above a designated frequency.

Ed Butler comments: "As a high security site we required a system that was secure and reliable 24/7, the ANPR system is proving just that with the user interface surprisingly easy to use."



RoadWolf HD ANPR Camera



RPX-LIVE Security and Access Control Application



With thanks to:
Everest Data Centres - www.everestdc.com

