



CASE STUDY

Qatar is a growing world economic force

Honeywell



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Qatar is a growing world economic force. Despite continuing growth the need for operational efficiency, coupled with the ever present need for security led The Kentz Group to an interesting challenge.

“With a workforce approaching 60,000 personnel the sheer physical act of clocking everyone onto site was a considerable logistical challenge – especially given such a physically large location “ said Robert Martin, Telecoms Operations and Maintenance Manager of the **Kentz Group**.

To solve this problem Kentz implemented a mobile verification system supplied by UK based Smart Media Innovations (SMI).

The system operates in conjunction with the WinPak access control system from Honeywell Security and highly secure iClass cards from HID.”The SMI solution allowed us to extend the use of the WinPak system into a mobile environment – freeing Kentz from the restraints of having to use a fixed access control reader. It solved the old conundrum of how do you use a wall reader when there is no wall” said Michael Flink -General Manager of Honeywell Security in the Middle East.

Some 60 rugged mobile devices – manufactured by Malaysian based Pradotec – are used on a combination of buses and fixed locations. Each day the database of valid cardholders is synchronised onto these units. When a card is then presented to a unit in the field the operator can instantly see both the card validity and details regarding the cardholder – the latter point being a clear additional level of security above and beyond normal card readers. These reads are then synchronised back into WinPak via the close integration offered by the SMI software. The devices are deployed both on buses ferrying personnel to and from the site and at a number of other locations. SMI enhanced the software to allow the destination of the bus to also be noted – ensuring personnel are recorded at the correct location.

A total of around 6,500 transactions are carried out in this way each day – with an individual unit carrying out over 1,000 separate reads in one day in exceptional circumstances.

“The system has both enhanced operational efficiency and increased security. We can now effectively carry out security in a mobile way – greatly more flexible than traditional wall readers” said Mr Martin.

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The SMI products are not limited to access control. A secondary function allows workers skills and competencies to be checked on a mobile basis. Any relevant information held in the WinPak database may be displayed by the hand held units, allowing spot checking directly at the workplace – a previously impossible task.

“SMI’s products represent an opportunity to take security to the point it is needed – enhancing the overall system and removing traditional boundaries. The level of integration achieved allows the system to operate seamlessly with WinPak – and we now have similar integration with the ProWatch platform” said Mr Flink.

SMI’s products are available directly from Honeywell in the Middle East when integrated with either WinPak or ProWatch.

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