

User approvals soar high with OneCard solution

ABOUT SKY

British Sky Broadcasting Group plc, commonly known as Sky, is a leading pay-TV provider serving the UK and Ireland. Sky creates and distributes entertainment, news, and sports programming to more than 10 million subscribers primarily via direct-to-home satellite, through its Sky TV brand. In addition, the company provides Internet services through Sky Broadband, telephony services through Sky Talk, and licenses some channels to other broadcast operators. Sky has 22,000 employees world-wide, with 4,000 needing secure remote access. Sky has a dynamic culture and a mobile workforce, and constantly strives to improve its services, for both customers and employees. Physical security, IT security, operational efficiency and employee convenience are all top priorities for the business.

GROUNDING WITH AGEING SOLUTION

Sky was looking to replace an expensive and ageing RSA token solution for VPN access that was reaching end of life. At the same time, the company wanted to integrate two-factor authentication on the desktop with several other applications, including photo-ID, cashless payment and physical access. This would help them to increase security and convenience while reducing costs. They had an existing RFID proximity solution for door access and canteen payments and it was imperative to find a solution that not only replaced the VPN solution, but integrated into the existing infrastructure for physical access that Sky didn't want to re-fit.

SELECTION

Sky met with several vendors to discuss various options. Dot Origin, a value-added distributor of smart card, RFID and NFC products and a Gemalto partner, was the first company to offer a multi-purpose, hybrid smart card solution that met Sky's requirements and worked with their existing infrastructure. Dot Origin has extensive experience with both PKI security and RFID door access technologies and worked closely with the Sky project management team to select the best combination of technologies. Because Sky had

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Scott Cornfield

Identity and Access Manager



decided on a Microsoft-based PKI infrastructure, with FIM as their card management solution, Gemalto's IDPrime Converged Badge was a natural choice given its high level of support within the Microsoft environment.

Gemalto's IDPrime Converged Badge provides all Sky's corporate security and identity applications on a single user device. The cards are fitted with an RFID proximity chip for physical access and a mini-driver-enabled contact chip that works for logical access. Sky calls it the "OneCard" because users only need one form of identity for multiple functions such as access to networks and workstations, data encryption, physical access to buildings and restricted areas, visual identity, and cashless payment at the canteen or vending machines.

SMOOTH FLIGHT

Sky started with a pilot test of 100 users, but quickly moved into full deployment. They issued the badges in batches of 1,000 until all 4,000 VPN users were using the OneCard. "The cards were very well received with our pilot group and we had minimal technical issues, which enabled us to move very quickly," said Gareth MacGuire, Lead Technical Analyst for Sky. "We were able to deploy to all 4,000 users in about six weeks."

Since the initial deployment, additional users have been added, as well as new applications such as meeting room booking, secure print job collection and vending machine integration.

NOTHING BUT BLUE SKIES

MacGuire said the primary benefit for the company was financial. The existing VPN token solution was reaching end of life and had to be replaced—this was a must. But moving to an all-in-one solution also yielded additional benefits, such as increased security and improved staff convenience by unifying several previous cards and tokens into a single device. From an end-user experience perspective, employees can enter the car park, enter the building, pick up and pay for a cup of coffee on the way to their desk, login to their workstation, pick up a print job, and more, all using the OneCard. "In fact, OneCard has become so much a part of their everyday life, that they are hardly even aware it is there," concluded Scott Cornfield, Identity and Access Manager.

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Gareth MacGuire

Lead Technical Analyst

SOLUTION SUMMARY

Company Information

- ◇ Headquarters: London, England
- ◇ Customers: 10,654,000

Customer need

- ◇ Single credential for Physical & Logical Access and Cashless Payment

Solutions

- ◇ Gemalto IDPrime Converged Badge with prox



Outcome

- ◇ Successful deployment to 4,000 users
- ◇ Quick distribution time of 6 weeks
- ◇ Users like using the "OneCard" for multiple purposes
- ◇ Increased security and reduced costs for Sky



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