



A VOHKUS NETWORKING SOLUTION

# A CLEAR PASS IN COMPLIANT CREDIT CARD OPERATIONS

**aruba**

a Hewlett Packard  
Enterprise company

#### Vohkus services:

Wireless consulting, solution design,  
POC and installation

#### Technologies used:

Network: Core networking

#### Industry:

Financial services

#### Business drivers:

Business agility / growth  
Quality of service  
Risk / compliance

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## Wireless network design and deployment for national credit specialists

This national bank wanted to modernise its working practices but needed a wireless access solution that could meet its regulatory obligations. Vohkus helped shortlist its options, carried out proof-of-concept, and implemented the solution.

#### CHALLENGES

- ▶ 500 staff using traditional hardwired network.
- ▶ Little flexibility for mobile or out-of-hours.
- ▶ Wireless solution needed to be PCI-DSS and FCA-compliant.

#### SOLUTIONS

- ▶ Discussion document on different technology options.
- ▶ Proof-of-concept to ensure compatibility.
- ▶ Design and installation of access points, policy management and performance management systems.

#### OUTCOMES

- ▶ Better remote and collaborative working.
- ▶ Consistent experience in office whether connected wirelessly or not.
- ▶ Customer able to demonstrate solution meets regulatory obligations.

## ABOUT VOHKUS

Vohkus delivers IT enabled business solutions and services, and is a trusted technology partner for both private and public sector clients, many of whom operate across the globe.

**Our capability is end2end:**  
**Consult >>> Design >>> Supply >>>**  
**Deploy >>> Manage >>> Support**

## DATA CENTRE SERVICES FROM VOHKUS

Wired or wireless, LAN or WAN, Vohkus can drive more value from your digital network. We design, deploy and manage solutions that meet demands for instant, always-on mobile access, unified communications and new business services.

Our approach provides integrated, readily-scalable technologies from the world's leading network vendors, based around software-defined methods, digital network architectures, and comprehensive reporting and analysis.

With Vohkus you can be assured of reliable, highly available and secure network access wherever your employees need to work.

## Situation

This bank is the credit card issuing arm of the a FTSE100 company financial group. It is the only dedicated specialist 'low and grow' credit card issuer in the UK credit card market and operates from four locations – a head office in central London and three regional customer contact centres.

The bank – which has around 500 staff – had worked as a traditional desk-based enterprise, but the appointment of a new managing director was the catalyst for a series of changes to address more modern ways of working. In order to increase more flexibility into the way customer services were delivered, remote and collaborative ways of working were planned.

Although wireless connectivity was available its capacity was very limited, being used for breakout sessions where staff and visitors needed internet access. The aim was to upgrade this to a full Wi-Fi system that would provide users with the same experience whether they were connected wirelessly or not.

## Compliance and proof-of-concept

As a financial institution it was essential that the solution would be fully compliant with Payment Card Industry Data Security Standards (PCI -DSS) and Financial Conduct Authority (FCA) regulations.

Vohkus was asked to provide a discussion document exploring the pros and cons of three competing technologies, from which the client selected HPE Aruba access points, Airwave performance management, and ClearPass policy management to identify and enforce policies no matter what device was connected. This would provide the flexibility of cloud-based architecture with the management, control and reporting required to meet the bank's regulatory obligations.

A proof-of-concept (POC) was run by Vohkus at a regional office to ensure that the solution would integrate with Vanquis's third party firewall technologies.

## Solution rollout

Following successful POC Vohkus deployed the first pilot solution across the client's flagship office, using 95 strategically-sited access points. Vohkus also arranged for an ArubaCare package to be wrapped around the solution to provide engineering support should problems arise.