

# "AAP3'S STRONG NETWORKING BACKGROUND AND EXPERIENCE IN PROVIDING STABLE AND RELIABLE WI-FI SOLUTIONS MADE THEM OUR FIRST CHOICE FOR A PARTNER"



**SUPPLIED TO:**  
Head of Operations  
Telecommunications Partner

## ABOUT THE CLIENT

Argos is the UK's leading digital retailer, offering more than 33,000 products through [www.argos.co.uk](http://www.argos.co.uk), its growing mobile channels, stores, over the telephone and uniquely, through Argos TV.

Argos continues to be the UK's largest high street retailer online with over 430 million website visits annually. Argos serves around 130 million customers a year through its network of 740 stores.

## ISSUES TO BE RESOLVED

Argos wanted a full coverage, high density Wi-Fi solution to be rolled out across stores and office space spanning the UK and Ireland. The project was led by our undisclosed telecommunications partner with the intention of them providing ongoing monitoring and support. The main challenges were:

- Integrating the new Wi-Fi into the existing network infrastructure.
- Upgrading existing routers and firewalls to allow Wi-Fi traffic.
- Pre-staging Access Points ready for installation.
- Specific configuration adjustments once the Access Points were installed.
- Implementation of new management network into existing network infrastructure.

## ACTION TAKEN

aap3, in association with an leading undisclosed telecommunications partner, worked closely on this task heavy and very dispersed project. Project tasks had to be ran in parallel, in dependancy order with very little scope for error to ensure the roll out had minimum disruption to the stores operations.

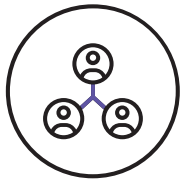


## CLIENT FEEDBACK

*"aap3's strong networking background and experience in providing stable and reliable Wi-Fi solutions made them our first choice for a partner. They have been extremely flexible and patient while working with us, the landlords, the client and site contractors. Overall its been a positive project that was completed ahead of schedule, Marks & Spencer are extremely pleased"*

**Head of Operations** - Telecommunications Partner

## COMPLETING THIS TIME PRESSURED PROJECT WAS INVALUABLE EXPERIENCE AS WE HAVE LEARNT HOW TO ROLL OUT MASS NUMBERS OF NETWORK DEVICES TO MANY SMALL SITES ACROSS THE UK AND IRELAND.



### NETWORK SOLUTIONS

Comprehensive end-to-end LAN, Wi-Fi and Security solutions to design, build and manage secure and scalable networks so that you can focus on your core business.

### ACTION TAKEN (CONT.)

- Stage 1** - Remotely upgrade each stores routers and firewalls to allow the new Wi-Fi network to function without disrupting current operations.
- Stage 2** - Build the template for the Access Points and assist in pre-staging 500x units ready for dispatch to the stores.
- Stage 3** - Provide field service support for the installation of the Access Points and their specific store configurations; Static IP, WLC pairing and connectivity checks.
- Stage 4** - Installation of new switching network to be used for remote monitoring and management.
- Stage 5** - Requested by Argos, build predictive RF heat map models of each store.

### RESULT

Working closely with our partners, Argos and utilising field services and support we was able to effectively roll out a 500x Access Point Wi-Fi network across many stores and install a new management switch network used to support the new system.

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### ABOUT US

We enable businesses by providing solutions for all your IT requirements; from managing your network and computing infrastructure, providing blended support models. We have nearly two decades of experience working with a vast range of customers, from international enterprises such as Cisco, IBM and AT&T, through to SMEs and a number of local businesses in the areas where we have operations.