Systems Integration
WDSi Group

1. Background

As part of our service we are often confronted with the need to integrate our kit and proposition with existing infrastructure.

2. Some Examples

Retail

An extremely large retailer need to provide WiFi access for employees across a head office of 2000 potential users.

• This business had its own access points and switches, we were able to programme one of our controllers to provide the access they required for their employees.
• At the same time we programmed and installed a backup controller that would automatically take over in the event that the primary controller was off.

Local Authority

A large local authority wanted to provide WiFi access to the public using the network of libraries in the area.

A key requirement was to link all libraries back to a central hub across a network provided by Virgin Media.

• We programmed our equipment to integrate with virgin media and our customer equipment so that it could pass data between the WiFi equipment at remote sites across the existing network and then back into the WiFi equipment we had installed at the main hub.

Large Holiday Company

A large holiday company wanted to provide WiFi for hire across its campsites.

• Providing WiFi in a rural environment across a campsite comes with its challenges but they key one in terms of integration was the need to integrate with the customers payment gateway.
• Because the customer wanted to use their own payment gateway for users to pay for their WiFi WDSi had to build a landing page design that integrated that gateway.
• In addition the client wanted to provide access via a vouchers system so we had to integrate the payment systems with the radius server so that it would distribute vouchers to the end user following payment.
• Our kit also used a third party Radius server so there was collaboration/integration required to configuring our kit with the correct settings to be able to communicate correctly with their server

3. Flexible Solutions across multiple sectors

Device agnostic

WDSi constantly review the market for best of breed equipment so we can ensure that we always use the best kit for each project.

Broad sector experience

WDSi has worked across a multitude of different sectors both domestically and internationally, our engineers are adept at finding the right solution for the challenges that our clients set us.

4. Review

Whatever the challenge your organisation is facing you can be assured that WDSi has the engineer experience and the solutions to handle your integration challenges.