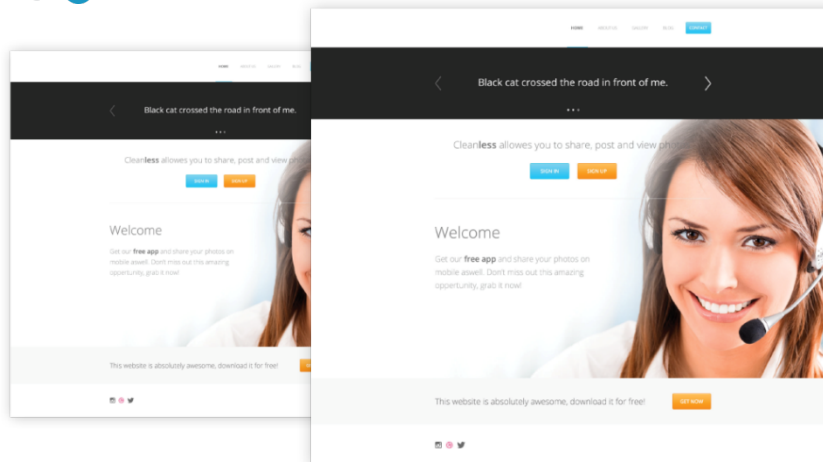




CASE STUDY: JIG Research and Development – Traveling Staff



CLIENT OBJECTIVE

JIG Technologies Research and Development committee aims to simplify technology for clients by investigating innovative solutions and new technology.

Many companies have employees who work remotely. The goals for these employees are generally:

- 1) Email Connectivity remotely
- 2) Remote Phone usage
- 3) Remote File Sharing

With Cell phones and cloud exchange, 1 and 2 are largely not an issue. File Sharing is usually done with VPN. We would like to improve the consistency of this.

CHALLENGE

VPN connections are not a simple or easy concept for users to grasp. When they are disconnected shared drives don't work and documents can be left open and changes lost. Using domain computers while remote can also be an issue as passwords do not sync and the computer loses contact with domain controllers.

SOLUTION

With the introduction of Windows 8 and Server 2012 new features were introduced, and one such feature is Direct File Access. Direct File Access requires Windows 8 enterprise and a 2012 member server. We set up a test environment using the JIG 151 Front Data centre to use this technology. We are able to use the windows 8 machine to access corporate resources over the internet and intranet seamlessly with no user intervention. This technology creates a direct tunnel to the domain environment whenever an internet connection exists, allowing any domain to span the world, and not just a client's own office.