

Technical Overview

Hand-Held

Bizaar uses Windows Mobile 6 Handheld devices.

The handheld application is written in C# on the Microsoft compact framework version 2.

The handheld uses xml as its main data store, encrypted where necessary. This is done for two reasons; firstly it makes the application run a lot quicker. Secondly it removes licensing issues with Microsoft SQL server.

Management System

The Management system is a browser based application, written in C# for ASP.net using version 2 of the .Net framework.

The management system requires either IIS version 6 or 7 to run.

Transfer Application

The transfer application is a web service that sits alongside the management system. Its function is to transfer data between the main database and the Hand-held's.

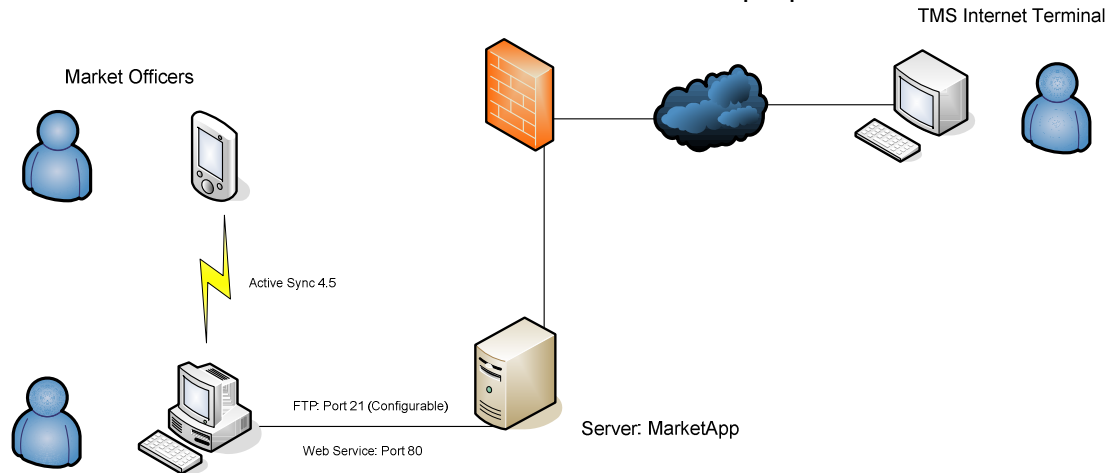
Database

The Main Database for Bizaar is a Microsoft SQL Server 2005 Database. Bizaar has been designed to run on both the full and express versions of SQL2005.

The Database is accessed by both the Management system and the transfer application. Programmatic access to the database is provided by 3rd party data access layer tools. This allows us to change the backend database platform (say from Sql2005 to Oracle) without any direct impact on the business logic of the code.

Connectivity

The diagram below shows the network connectivity for Bazaar. The Remote access from tms is for installation and maintenance purposes.



Remote Connections

Tms Support solutions ltd manage several remote connections for Bazaar, a quick summary is below.

- Wakefield – Citrix based Remote desktop for managing and VPN for file copying. This connection is available 24/7.
- Plymouth – VPN connection, using windows remote desktop for management. This connection is normally offline, and has to be requested by tms via Plymouths helpdesk. Requests last for a period of 1 day.

Tms have a dedicated Bazaar support system for remote access purposes, accessible by only the Bazaar team.

Tms abide by the principals of the Data Protection Act. The majority of work carried out by tms is for MoD and HMG, following the appropriate government guidelines.

Further Information

For further technical information, please contact us:

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