

## Base Module

ViziRail's Base module underpins all the ViziRail functional modules and sets the system parameters upon which all other modules are based. This module is intended primarily for the use of system administrators. There are four key elements to this module:

- ❑ **System Architecture:** ViziRail Agile Development Framework (VADF), a service oriented architecture that utilises Microsoft's .NET 2 framework with the minimum of proprietary modifications. The software infrastructure is based on MS SQL Server 2005, the MS .Net framework, Visual Basic .NET and C# running on Windows Servers and PCs. The following diagram presents an overview of the logical structure of the VADF

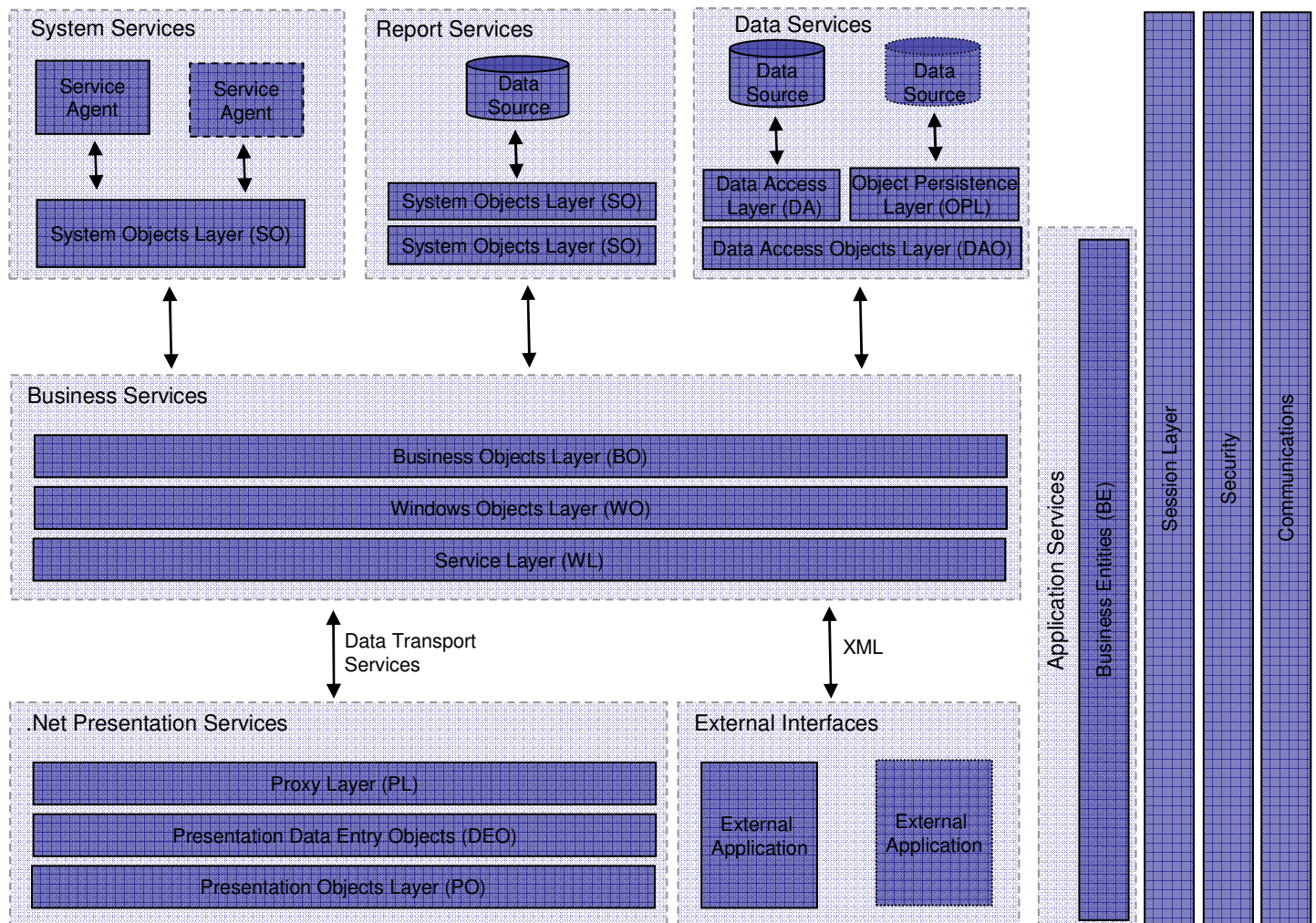


Figure 1: ViziRail Architecture

- ❑ **System Definition:** enables you to set up ViziRail to reflect your physical network and business systems. It includes geography (e.g. locations, tracks etc.), types of possessions, types of trains available and reason codes for delays
- ❑ **System Administration:** allows administrators to set up and maintain user accounts, user groups and security permissions. You can also set various application and system parameters
- ❑ **System Review:** enables you to review audit trails to identify activities carried out by particular users and external systems through interfaces