### SSW Architectural / Code Review

The following are items that are to be addressed in an architecture/code review:

**Background information/overview of the project**

* Current system
* Objectives of the system
* No. users (internal, external, edit, read only
* Current technologies
* Current environment (SOA, SOE)

**Points for discussion**

* Rich client
* Web client
* Smart client (any disconnected users?)
* Technology choices
  + Persistence layer (SQL Server, Access, SQL Express, LINQ, netTiers)
  + Business layer
  + UI
  + Communications
  + Workflow
  + Integration - external systems
* Requirements for 'package' software
  + PerformancePoint
  + Reporting Services
  + Accounting packages
  + SharePoint
* Data migrations
* Data reporting
* User experience
* Network
* Responsibilities/players
* Infrastructure
  + Network
  + Hardware
* Deployment
  + Staged implementation
  + In parallel
  + Development/Test/Staging/Production
* Disaster recovery
* Change control/source control
* Build Server
* Performance
* Scalability
* Extensibility
* Design patterns
* Maintainability
* Reliability (failover servers?)
* 'Sellability' i.e. is the solution appropriate for the client?