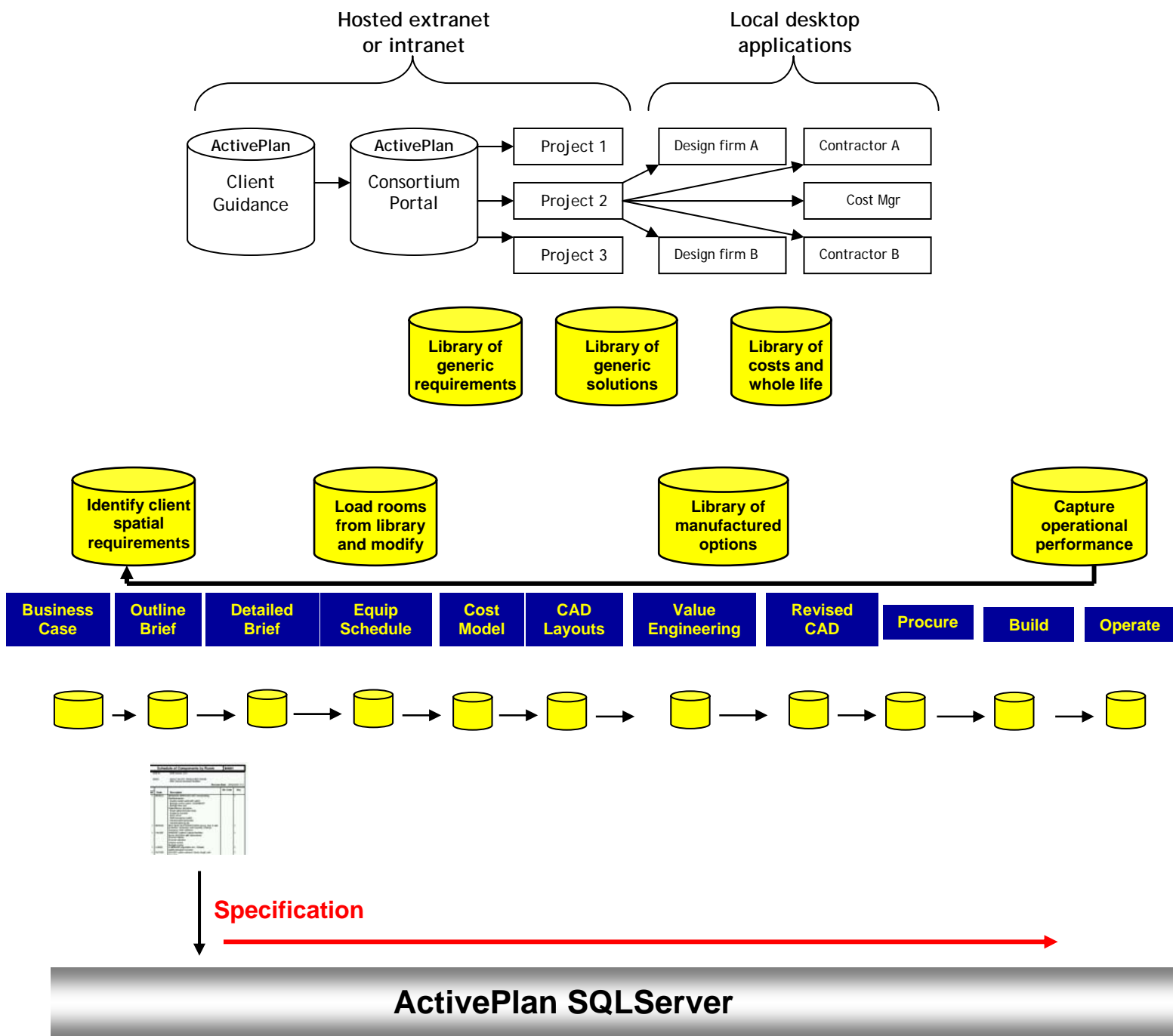


System Architecture

Using activeplan, briefing and agreeing a schedule of accommodation is a multi-user collaborative process hosted on a secure web server, as is the generation production of suitability equipped functional areas to support the type of activities a department has to undertake. A consortium tasked with delivering a facility is able draw on the expertise of the whole team in a common environment, drawing information and standards from a shared master database. As outlined below, activeplan is valuable to all stakeholders, proving each with information that helps their role.

Once the output specification is agreed, project team members can download information and work on it locally to produce cost models and for each design discipline to work up the detail on their aspect of the project.



Clients are seldom able to describe what they need in a clear, complete specification, causing designs to be amended several times, leading to higher costs, more meetings and longer timescales.

3D models and animations are often created to help the end users understand a proposed design but these are time-consuming to produce and any change requires a new 3D model and animations to be produced. This usually takes several days, slowing up the whole decision process.

ActivePlan addresses this by its ability to generate a 3D model directly from the database. Any changes can be seen immediately in 3D.

Changes in the equipment list, the 2D layouts are immediately seen in the database-driven 3D model.

ActivePlan has also been integrated with system widely used by Architects, SketchUp, where they usually model the layout by hand. The unique ActivePlan database allows the SketchUp model be generated automatically from the equipment schedule and ActivePlan's 2D room planner,

allowing clients, designers and cost managers can move or delete items in the 3D model, save them to the database as a version and compare differences in the schedule.

Eye view

End users' desires and designers' interpretations are captured more quickly, and encouraging buy-in to the design.

Apart from improving the outcomes, fewer user group meetings are required, reducing costs and the time contractors are at risk.

Room data sheets

can be generated automatically from the agreed layouts incorporating all furniture and equipment but also other space attributes such as height, width and depth, walls, ceilings, floors, lighting, temperature, air, acoustics, fire and safety and services. These agreed templates can then be dragged and dropped on to the building floor plan, edited to fit specific building constraints and written back to the master database for verification against the brief. Fully loaded floor plans are then generated automatically saving time and eliminating errors.

