

# List of Accepted Materials - Shell

**Customer**  
Shell

**Solution**  
List of Accepted Materials

**Delivery date**  
July 2008

## Background

In support of “variation control” Shell maintains lists of accepted instrument models, preferred vendors and preferred manufacturers. Earlier these lists were available as a Windows-based application with the acronym LOTAM (List of Technically Accepted Materials). The fact that this application was not accessible freely by remote users and did not use a central database concept, was limiting its full potential.

## Project scope

Shell asked Hint to create an application design eliminating these drawbacks. Unnecessary functionality was eliminated and new functionality added. The application was then implemented by Hint, using ASP.Net / C # and Microsoft SQL Server technology.

## Result

Authorised users around the globe can now log into a secure system. Depending on authority level of the user they have rights to look, to make changes, make reports, etc.

The application allows the user to search for accepted products, materials, suppliers and manufacturers. Products are divided into different groups. This allows both searches via a tree structure, and via query forms defining various filter parameters.

The systems can deal with regional preferences of most suited and accepted materials and products and can thus be used by Shell on a global scale. For each material / product users can add comments on the best way to apply the product and add remarks on earlier comments made by others. The resulting information is reviewed by an administrator before it is made available for other users worldwide. The concept has helped reducing the variety of materials used and resulted in a wealth of “best practices”.

## Benefit

- The Web-based application can be accessed by any authorised user via a standard Internet browser.
- Easily accessible to different user (groups) through a login name and password, with various security levels to limit access to restricted parts of the application.
- Scalable. No “per seat” user license fees.
- Single server, single application, just one central database. Updates are immediately available to all users. No special software needs to be installed on a user’s PC.
- Clear information on accepted materials, models, suppliers and manufacturers. Best available information on how to apply them in practice.
- Combines the experience, best practices and comments of a large number of users into a unique knowledge base, with the result of raising efficiency on a global scale.

