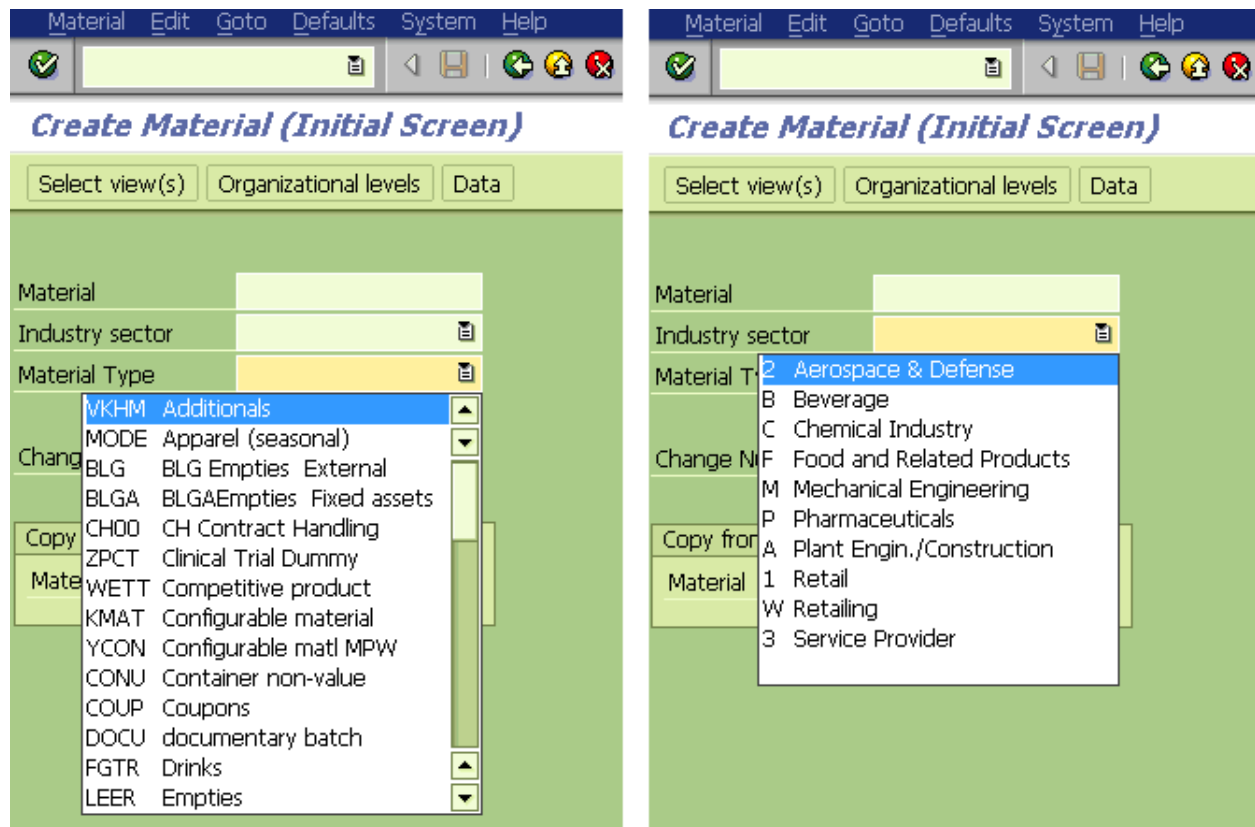# Liquid UI: Restring User Input with Radio Buttons

Many times, when developing a more efficient design for an SAP screen, we want to restrict the user input to only a few options. In this example we show the restriction of the Industry Sector and Material Type input fields for the transaction MM01.

User Interface

Log in and navigate to MM01. In native SAP, Industry Sector and Material Type have dropdown menus with a variety of options.

This new design has removed the Industry Sector and Material Type's dropdown menus and replaced them with radio buttons.

Liquid UI Code [Script]

```
   SAPLMGMM.E0060.sjs
 1  //////////////////////////////////////////////////////////////////////////////////////////
 2  // Author: Synactive, Inc. [1065 E. Hillsdale Blvd, Foster City, CA, 94404, USA]
 3  // Email: support@guixt.com; sales@guixt.com;
 4  // Contact: 650.341.3310
 5  // Version: 1.0.0.0
 6  //////////////////////////////////////////////////////////////////////////////////////////
 7
 8  // delete the native SAP input fields
 9  del("F[Industry sector]");
10  del("F[Material Type]");
11
12  // Create radio buttons for the Industry sector to restrict user input
13  box([1,41], [5,74], "Industry Sector");
14  // In the radio button's options, we specify what input field this pertains to
15  radiobutton([2,45], "Beverage", {"[Industry sector]":"B"});
16  radiobutton([3,45], "Mechanical Engineering", {"[Industry sector]":"M"});
17  radiobutton([4,45], "Pharmaceuticals", {"[Industry sector]":"P"});
18
19  // Create radio buttons for the Material Type to restrict user input
20  box([6,41], [9,74], "Material Type");
21  // In the radio button's options, we specify what input field this pertains to
22  radiobutton([7,45], "Finished product", {"[Material Type]":"FERT"});
23  radiobutton([8,45], "Value-only materials", {"[Material Type]":"WERT"});
```