



About the Client:

The Client is a Telecom company based out of UK.

Client Requirements:

The Client wanted Robosoft to design a Master scripting application to automate the process of creating customized diallers, which are used to dial and connect over a premium rate telephone line. The Client wanted it to work on both Mac and Windows platform.

Solutions Provided by Robosoft:

The application is a simple, easy-to-use dialler, which can be used to connect over a premium rate line to a server. The Internet solution providers (ISPs) use these types of diallers to restrict their customer access to a limited number of sites. A *'Master Scripting Application'* (MSA) is used to simplify the process of creating these diallers. MSA is an easy-to-use application, which can walk an ISP through a predetermined number of screens to create customized diallers. The ISPs can customize the diallers for their features, functionality and look and feel.

The application is essentially:

1. A Dialler, which connects over premium rate lines
2. A Master Scripting Application (MSA), which creates the dialers

1. The Dialler

The dialler is a customized easy-to-use application using which the user can make a connection to the ISP by selecting a phone number from the list of phone numbers provided by the ISP. They do not have to know any user names or passwords or any other details. After the connection is established, the user will be allowed to browse the client sites of the ISP for the time specified by the ISP.

2. The Master Scripting Application

The MSA is used by the ISPs to script the diallers. The ISPs could give the user a choice of phone lines over which they could connect. If the user needs to provide its services in different countries, then all it has to do is enter the country names and phone numbers in the MSA. The user can then select the country nearest to them and dial. The ISP can also restrict the user's connection to a certain pre-defined time, so that the revenue per connection is restricted. The ISP need not provide the user with any user name and password. All it has to do is script it into the dialler by entering it into the specific fields in the MSA.

Environment Used:

- | | |
|---|--|
| 1. Development Environment (Mac) | Metrowerks CodeWarrior Pro 7, PowerPlant framework, Mac OS 8.1 and above |
| 2. Development Environment (Windows) | Visual C++ 6.0, Win 95/ 98/ NT/ 2k/ Me/ XP |
| 3. Tools and technologies | Win32, Carbon APIs |
| 4. Project Duration | 4 Months |

Snapshots of the Application:

The following is a snapshot of the MSA. It consists of 11 tabs with various settings for the diallers.

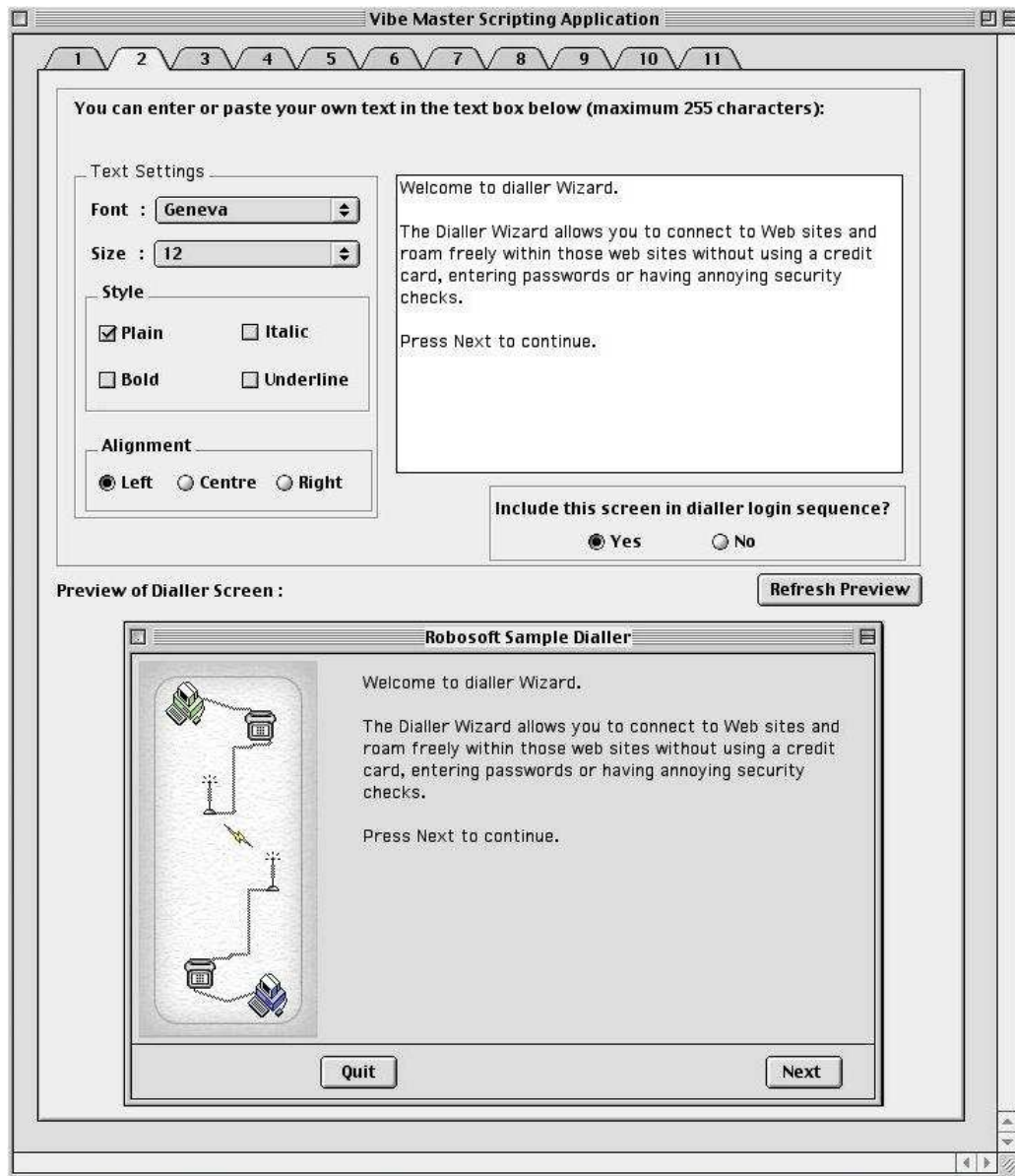


Figure 1: MSA Snapshot

The following are snapshots of two of the dialler screens from Mac and Win OS:



Figure 2: Mac Dialler Screens



Figure 3: Windows Dialler Screens

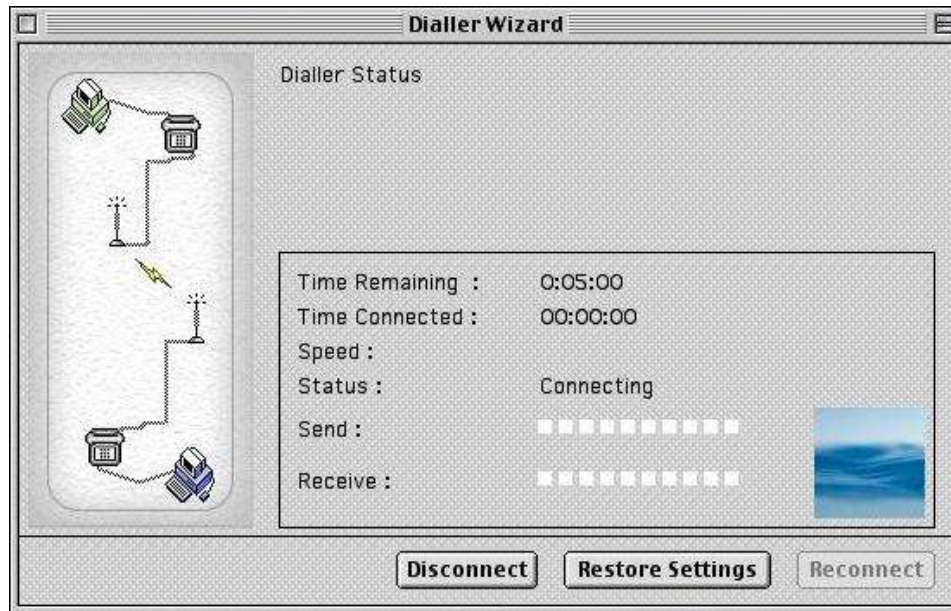


Figure 4: Dialler Status