



"Embedding thoughts into Technology"

Embin Technologies Private Limited
306, Sarita 2, Prabhat Industrial Estate,
Near Toll Naka, Dahisar East,
Mumbai - 400 068. India.
Tel : +91-22-28977128
+91-22-28977127
Fax : +91-22-28689486
Email : contact@embin.com
Website : www.embin.com

Memory Programming PC Application

Client:

US based company.

Requirement:

To develop an application to create a 'configuration' file comprising of various system parameters and then allow the user to program this configuration file onto a DS2502 chip using the pre-defined fields. It should also store each customized configuration file in a database with a unique filename.

Solution:

The application built using Borland C++ Builder 6, was developed in two modules viz. Config File Manager and Dallas Part Programmer.

The Config File Manager has specified pre-determined fields into which a user can enter data. This data is validated with certain rules and if valid, a 'config' file is created and stored in the database.

The Dallas Part Programmer allows a user to use an existing 'config' file (created by Config File Manager) and program this file onto a blank DS2502 memory chip. It can program upto 50 DS2502 memories simultaneously as well as individually.

The application connects to the programmer hardware through the PC's serial port. It is capable of gang programming 50 parts in less than 30 seconds.

Tools/Platforms:

» Borland C++ Builder 6.0