How to

Install and Use

TwidoSuite Programming Software

Programming and

Simulation of Schneider PLCs

Industrial Automation - PLC SCADA Training in Ludhiana Punjab India
IMBUENT TECHNOLOGIES PVT. LTD
www.imbuent.com

PLC – Programmers Logic Controller

A Programmable Logic Controller, PLC or Programmable Controller is a digital computer used for automation of electromechanical processes, such as control of machinery on factory assembly lines, amusement rides, or light fixtures. The abbreviation "PLC" and the term "Programmable Logic Controller" are registered trademarks of the Allen-Bradley Company (Rockwell Automation). PLCs are used in many industries and machines. Unlike general-purpose computers, the PLC is designed for multiple inputs and output arrangements, extended temperature ranges, immunity to electrical noise, and resistance to vibration and impact. Programs to control machine operation are typically stored in battery-backed-up or non-volatile memory. A PLC is an example of a hard real time system since output results must be produced in response to input conditions within a limited time, otherwise unintended operation will result.

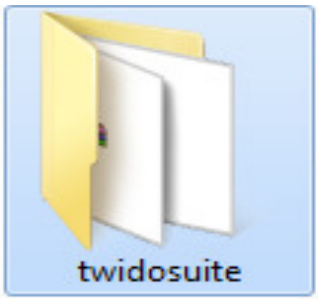
Source: Wikipedia

Introduction to ISP Soft

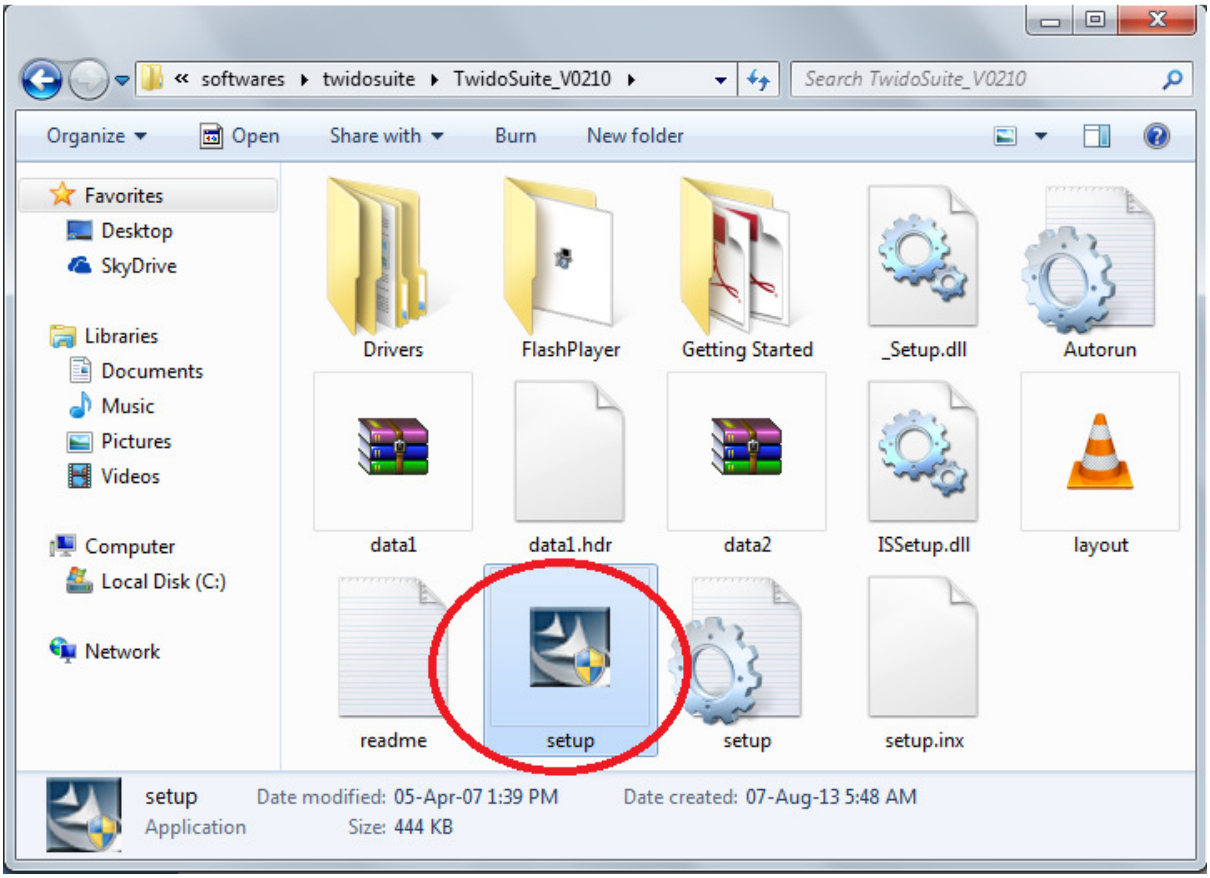
ISPSoft is a program editor in charge of designing, testing and maintaining the user programs applied in Delta DVP series PLC. ISPSoft provides address information and various functions supporting PLC devices and communication between Delta PLCs through supported network types. The programming languages of ISPSoft include ladder diagram, sequential function chart (SFC), instruction list (IL), function block diagram (FBD), and Structured Text (ST). The programs created in ISPSoft will be saved as a project

Every project has a ".ISP" file extension and ISPSoft can only open one project in one ISPSoft window. However, it is possible to edit many project files by opening multiple ISPSoft windows. In addition, care should be taken on the PLC type because the functions explained in this section are mainly supported for rack type DVP-AH series PLCs while some programming languages and functions are not supported for compact type DVP series PLCs.

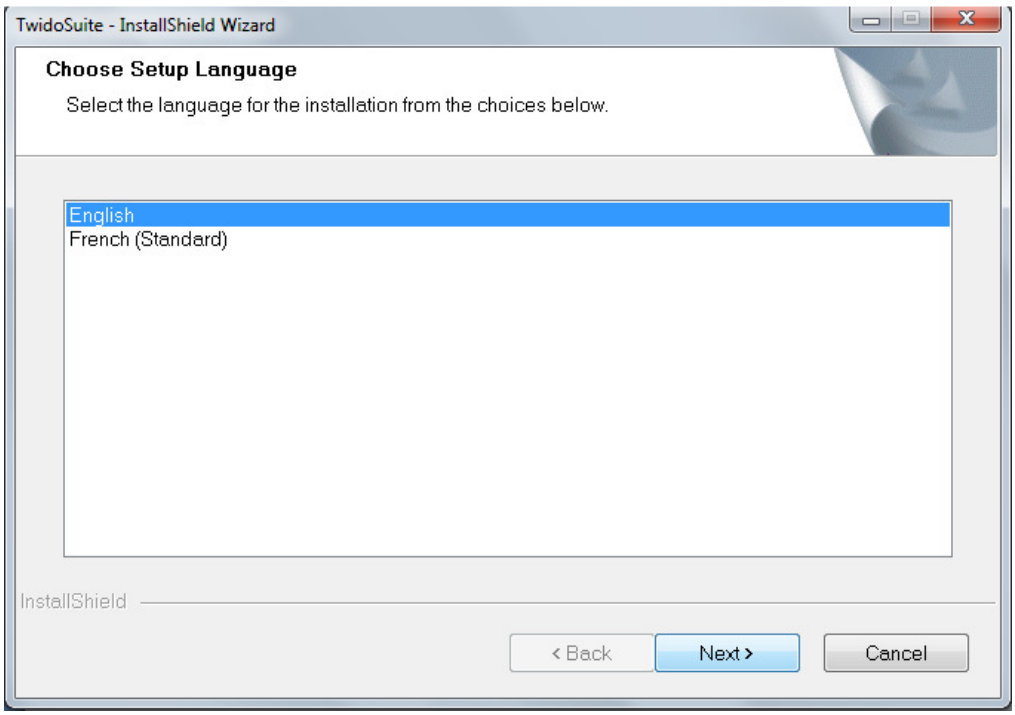
Step 1 : Download Twidosuite from Internet and Extract it the folder that you want.



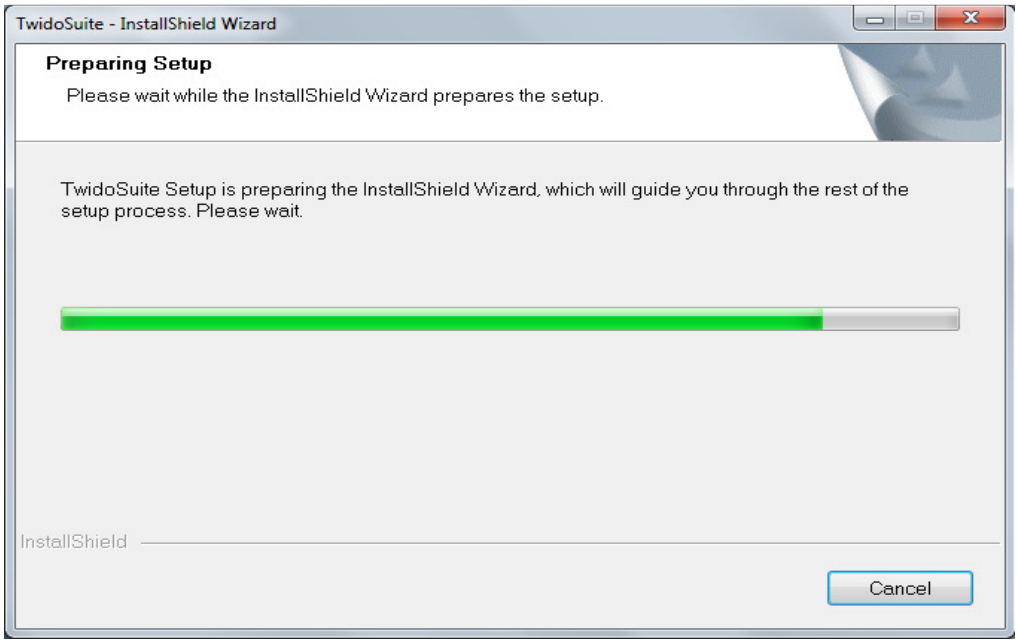
Step 2: Click on setup to start installation.



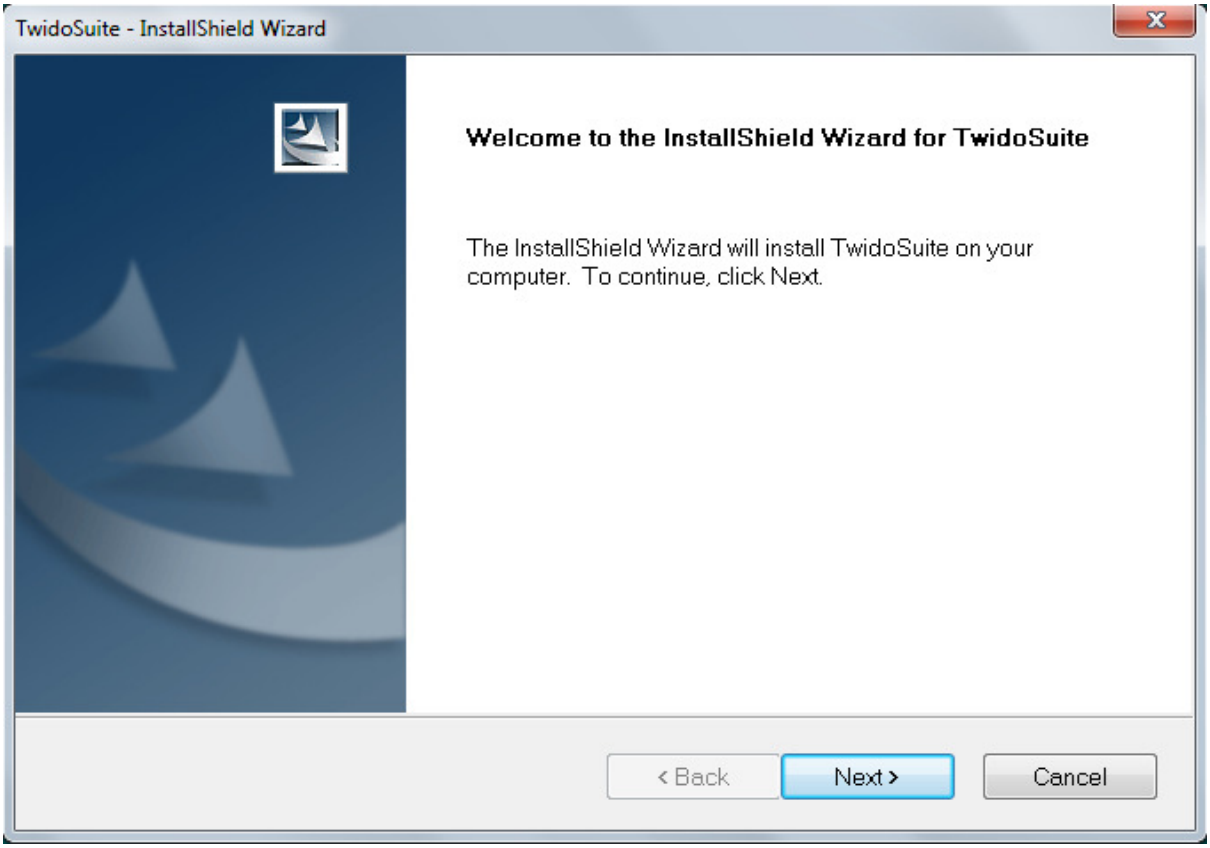
Step 3: Choose Setup Language



Step 4: Here TwidoSuite Setup is Preparing Install Shield Wizard.

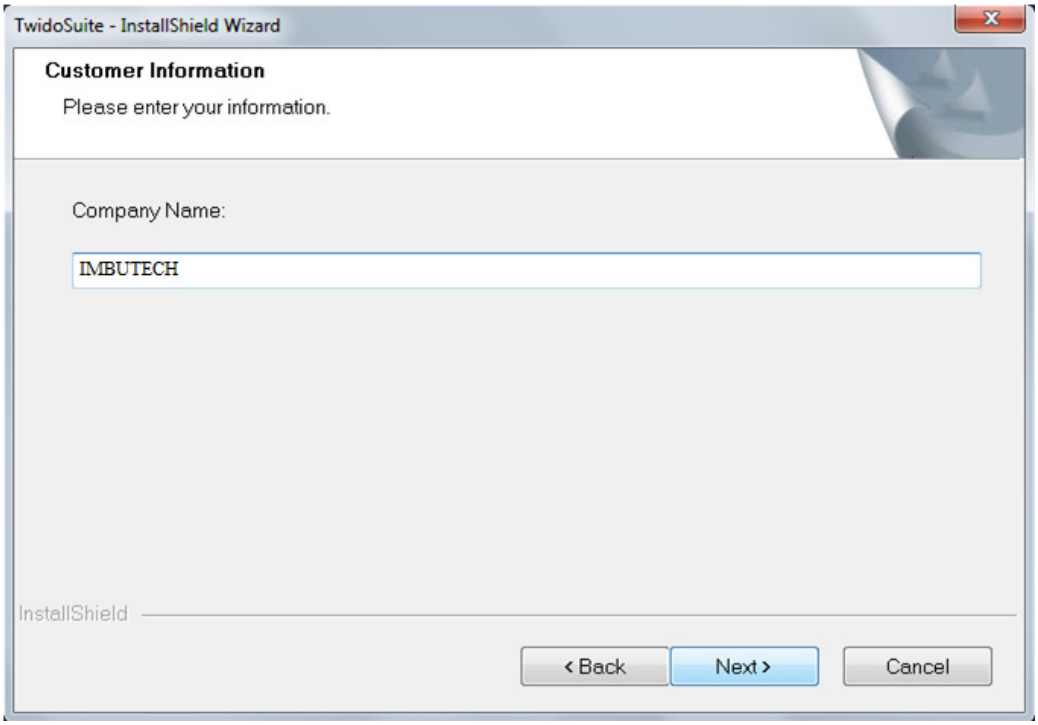


Step 5: Press Next to InstallShield Wizard For TwidoSuite.

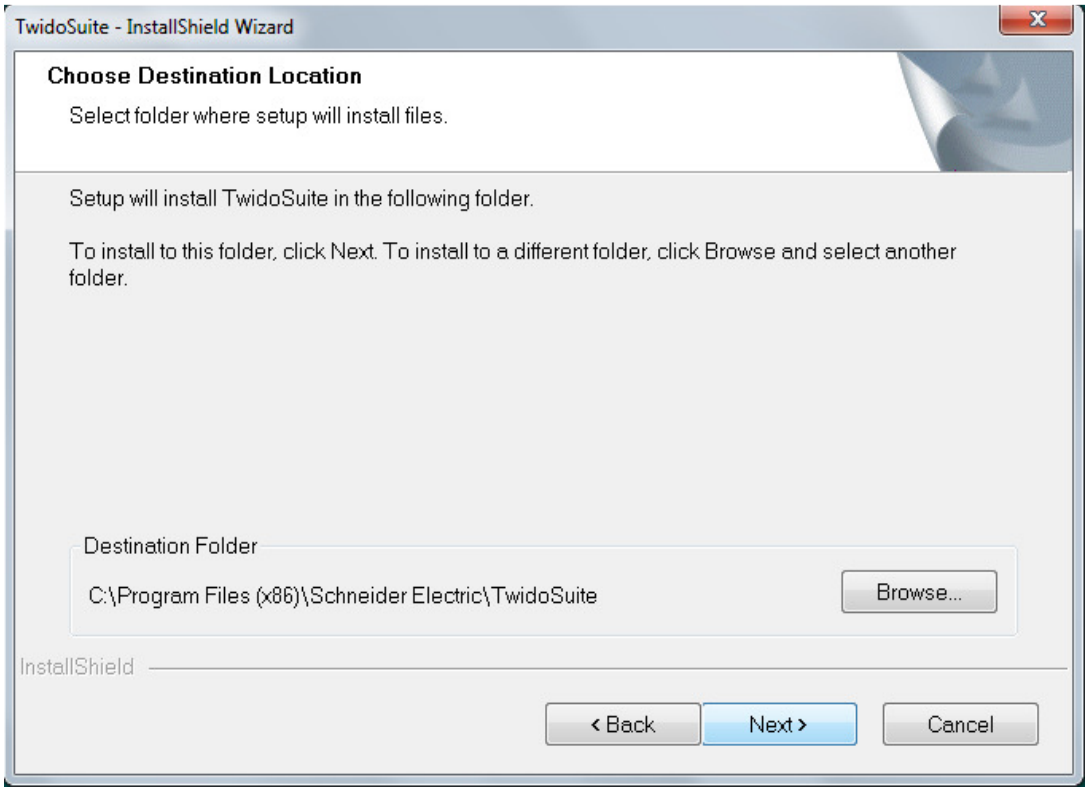


Step 6: Read Licence Agreement and Click Next.

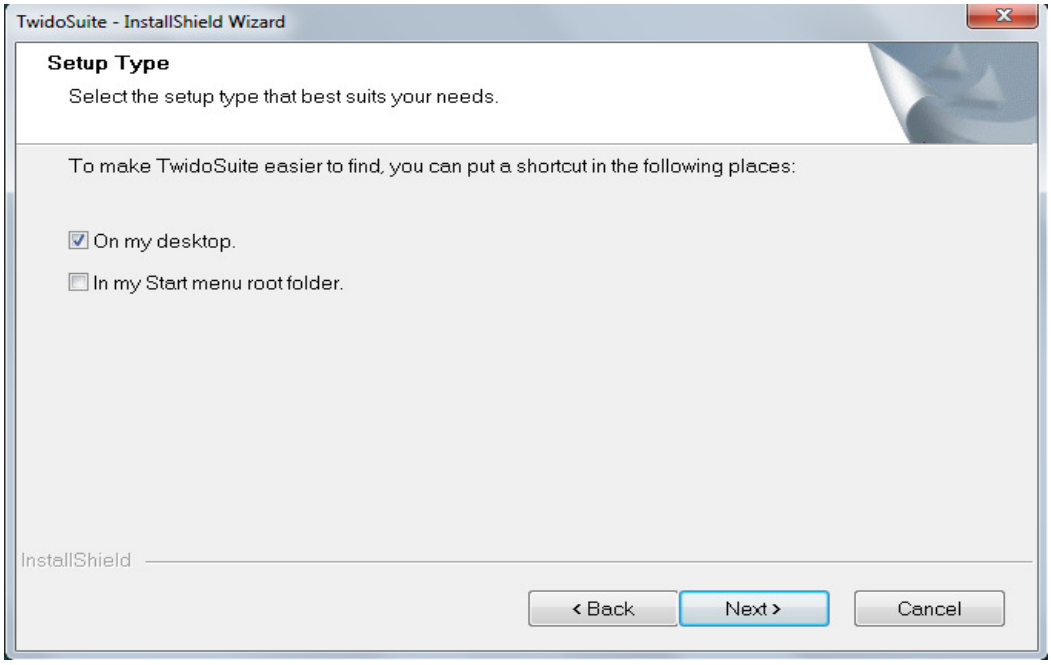
Step 7: Enter Company Information.



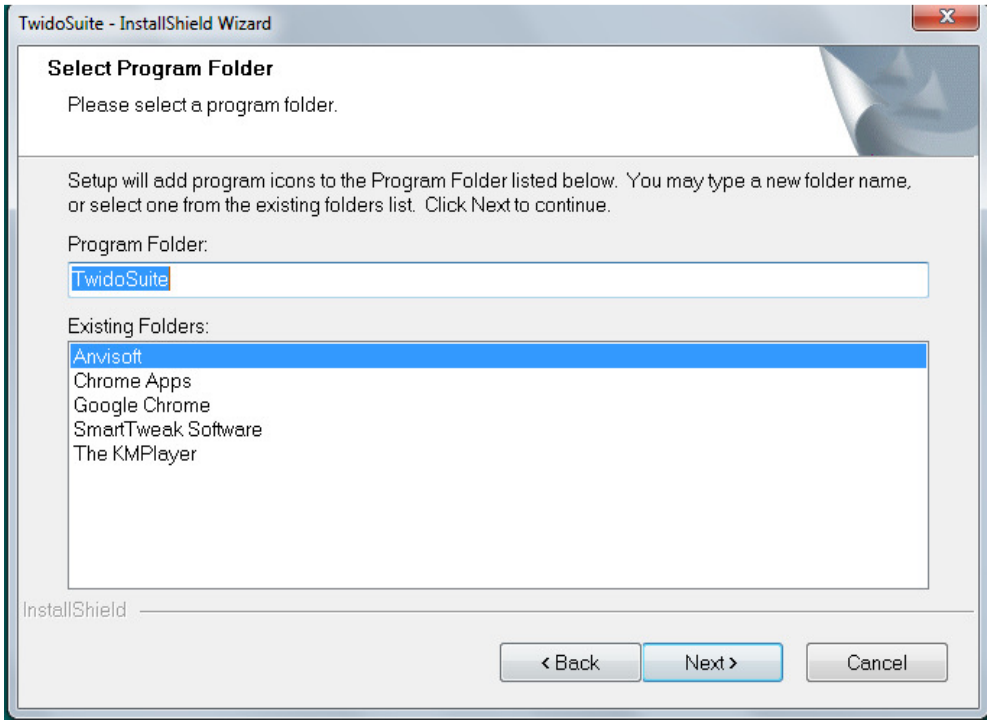
Step 8: Choose **Destination Location** and Press Next to Install



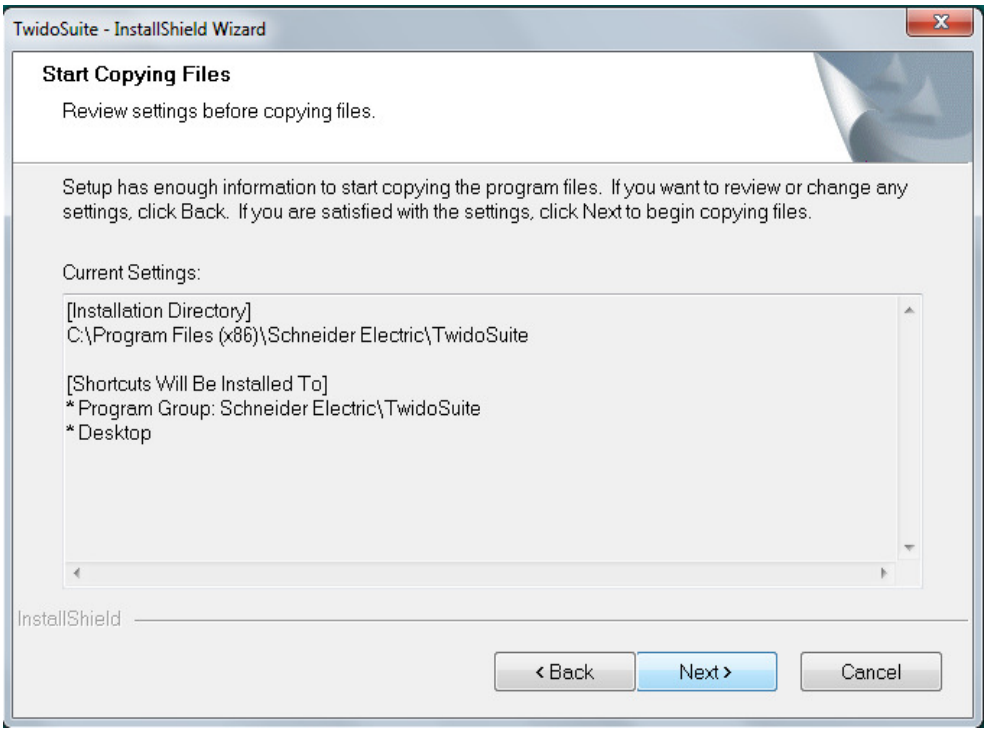
Step 9: Choose Setup "On my Desktop".



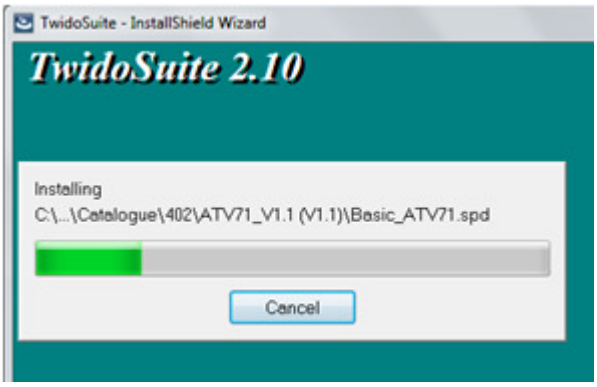
Step 10: Select Program Folder



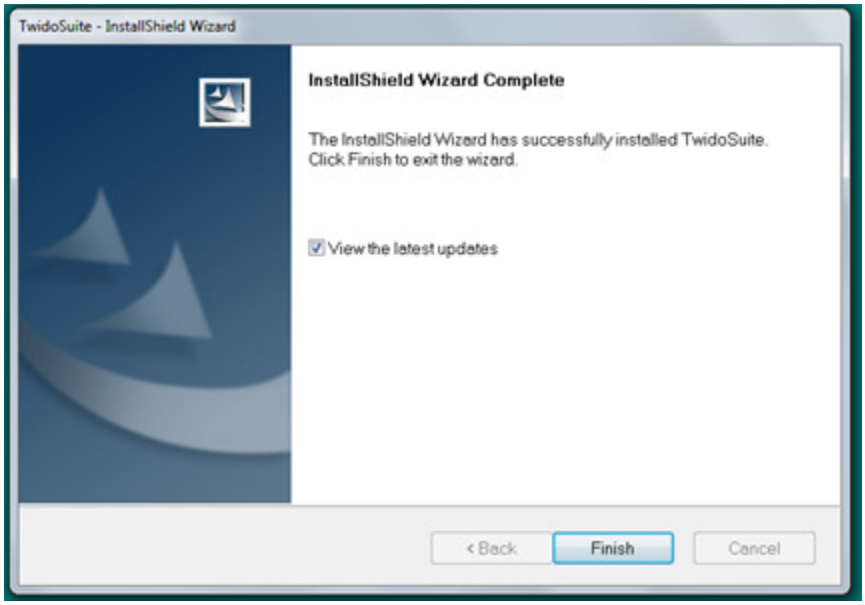
Step 11: Start copying Files, the folder you have selected.



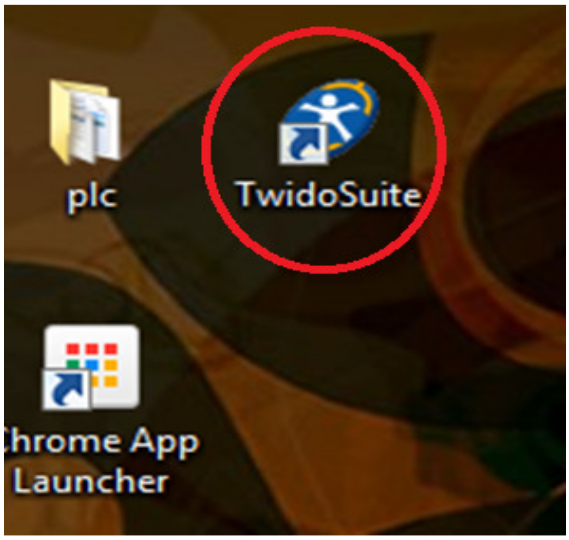
Step 12: Wait here while installation completed.



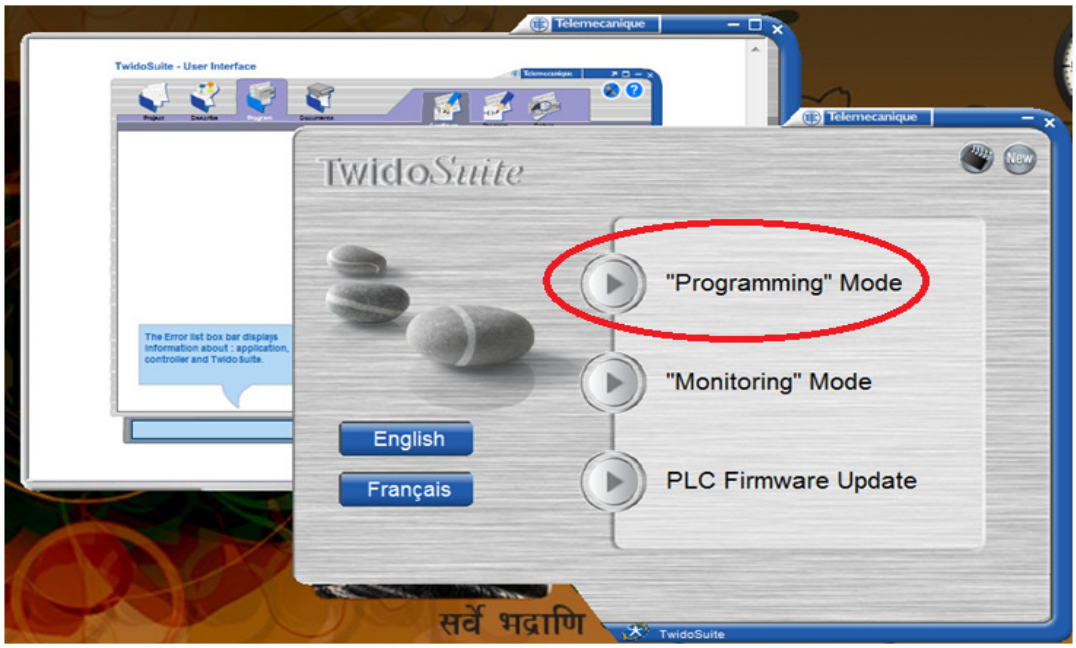
Step 13: Click Finish to Installation.



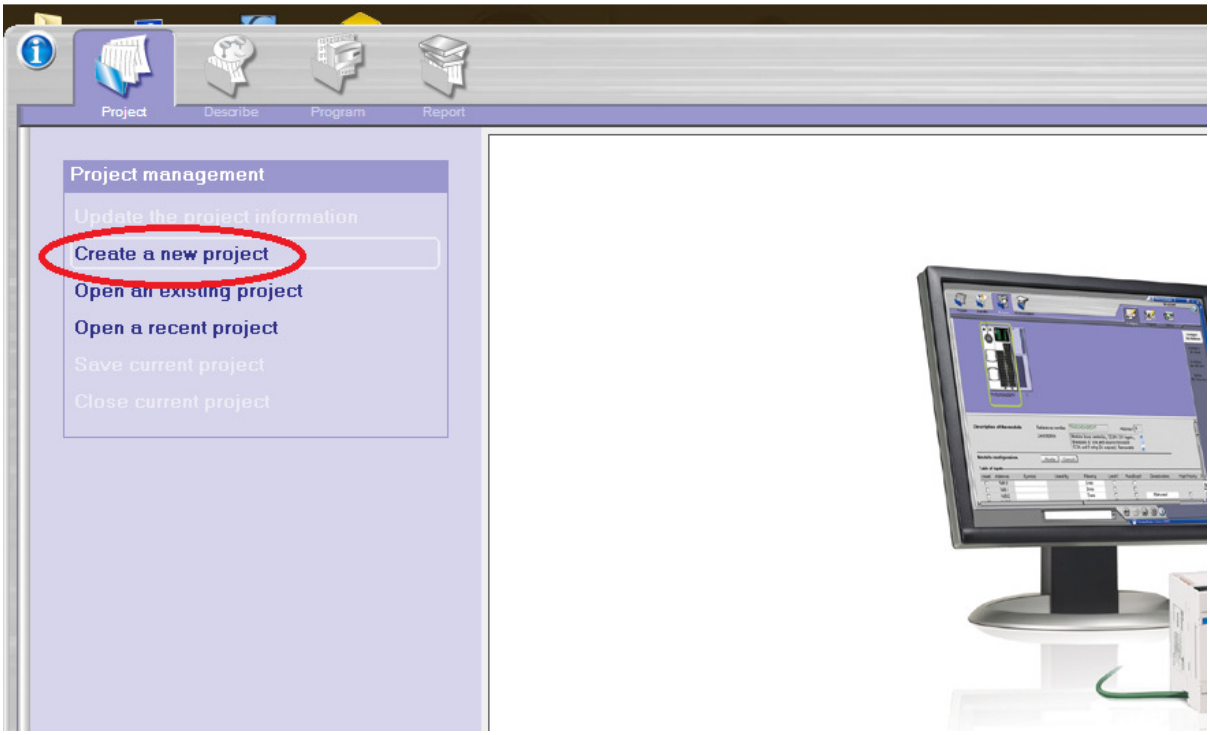
Step 14: Double Click on TwidoSuite.



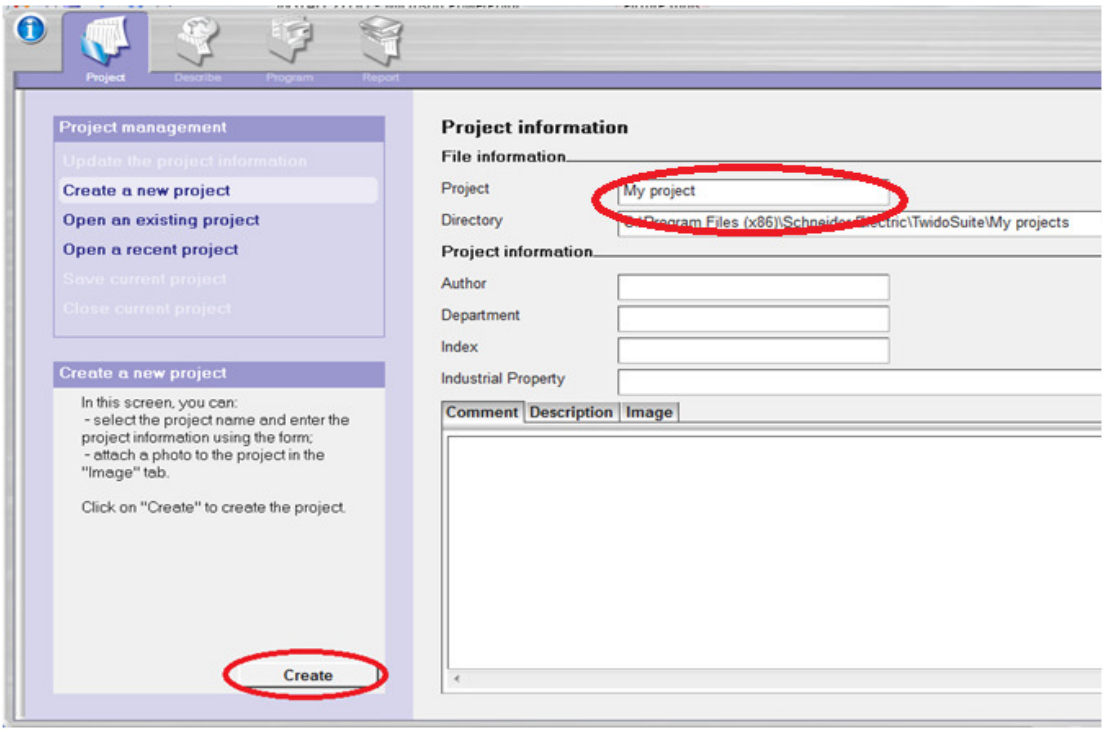
Step 15: Click on “Programming Mode”



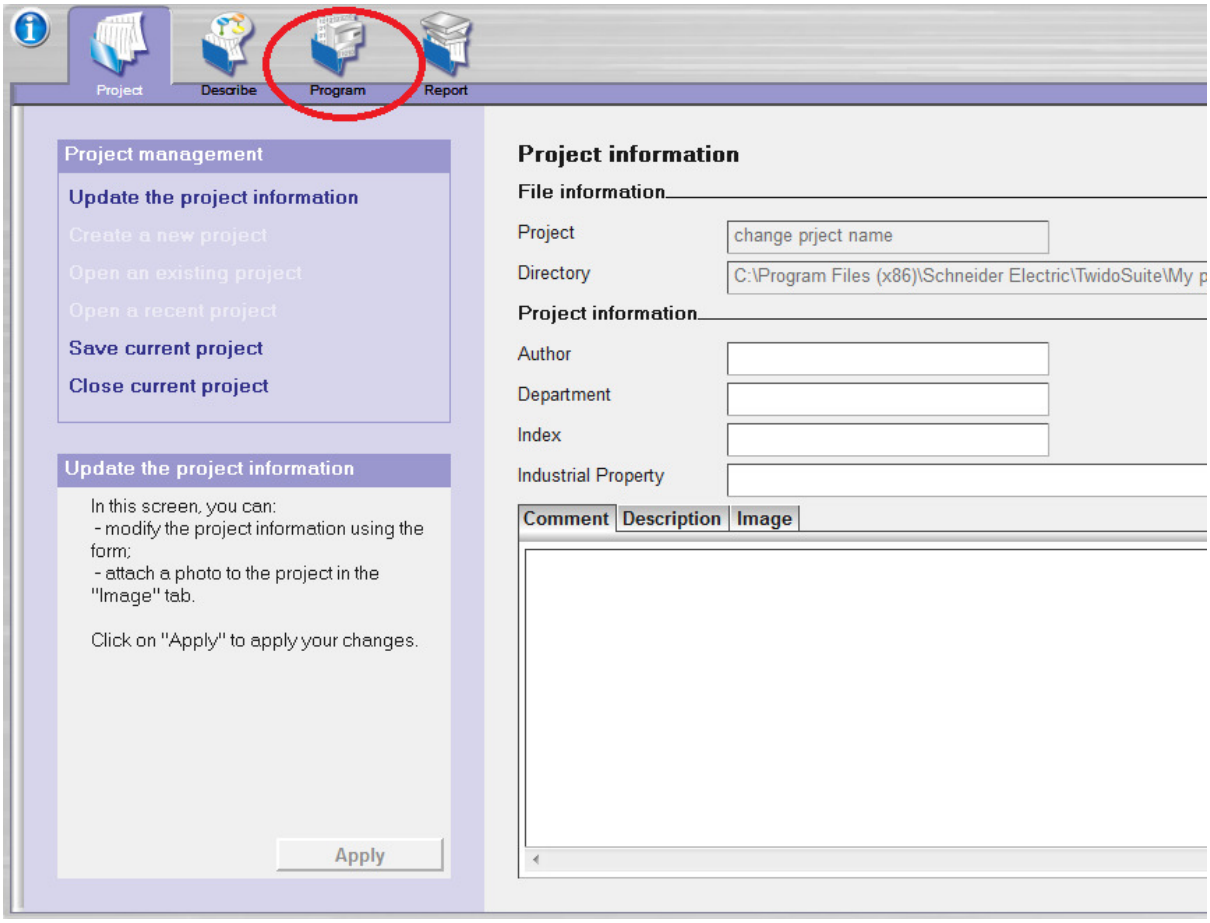
Step 16: Create a New Project



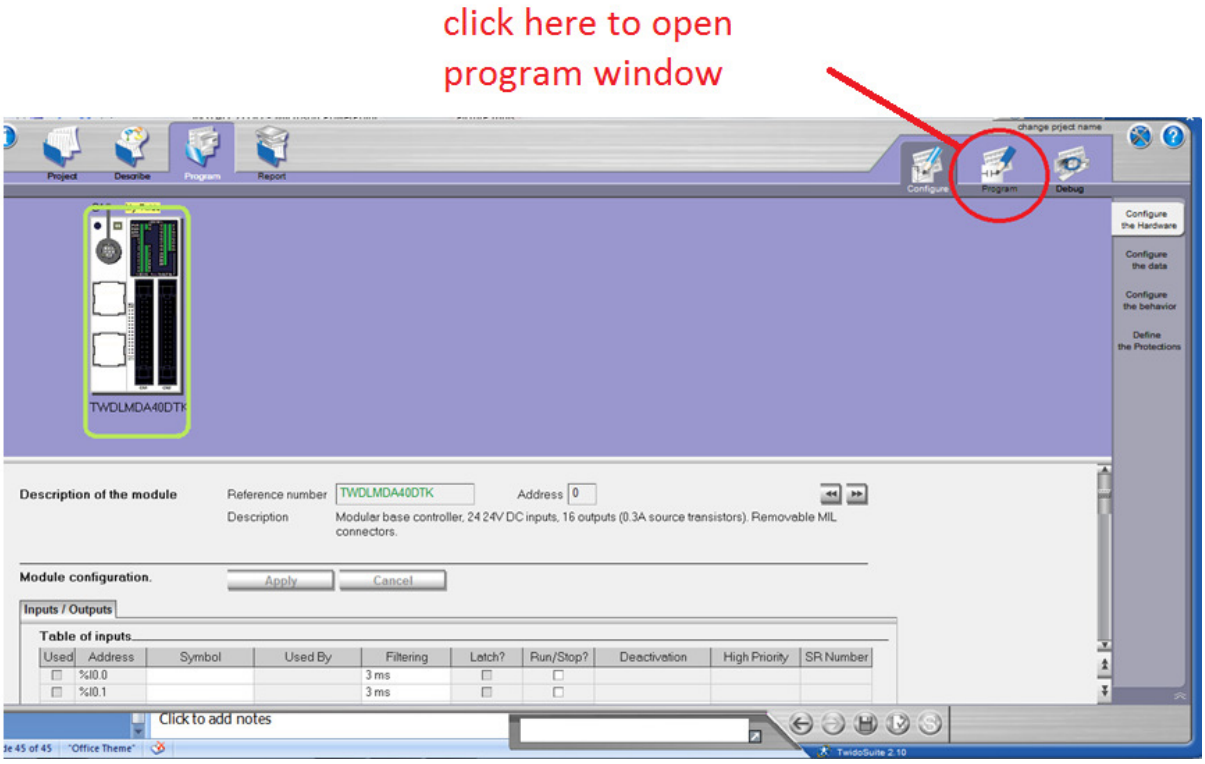
Step 17: Change the Project name and Click on Create.



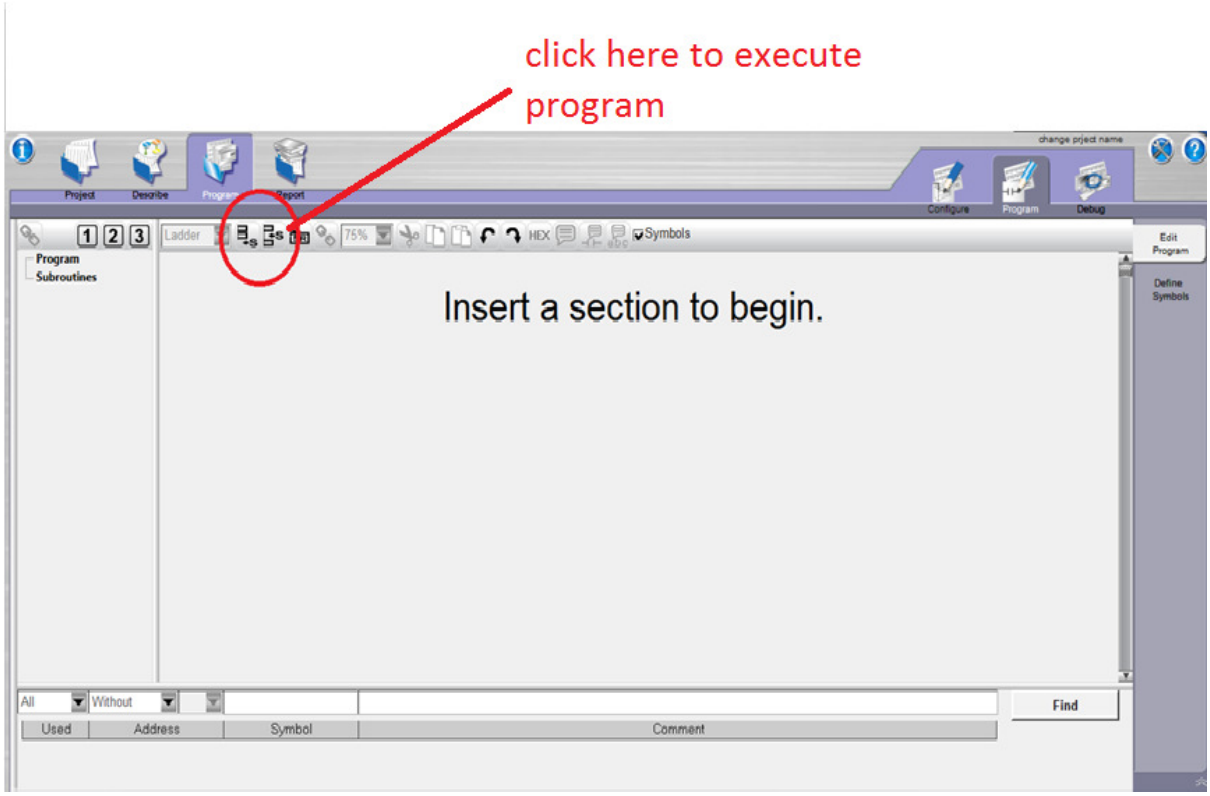
Step 18: Now Click on Program.



Step 19: Now Click Here



Step 20: Now Click Here To Execute Program



Step 21: Now TwidoSuite is Ready for Programming.