

T. H. E. SOLUTION LLC

Product Development Consulting

“Your Outsourcing Solution for Complex Product Software Development”

Factory Floor PC Prototype/ Toolkit
Version 0.2
Content and System Requirements

CONTENT

The prototype’s Zip file contains all the documentation and development projects required to build the prototype. The current package is an unverified release. This package and others derived from it have been checked in most of the possible configurations, Embedded NT with RTX, Windows 2000 without RTX etc., but the testing to date DOES NOT meet T. H. E. Solution’s verification standards. The content of the zip file is summarized in the following table:

ZIP File	Content
	Documentation on the prototype, prototype.pdf, the company, background.pdf, the software license agreement license.pdf, the release test plan, check.pdf, and this file, readme.pdf
Localsys	The binary of the PC platform prototype (Windows only build, server using loopback address, system password = “pass”).
Remotesys	The binary of the remote control HMI and Web app. (using loopback address, password = “pass”)
Troubleshootsys	The binary of the remote troubleshooting HMI (using loopback address, password = “pass”)
Machine	C++ machine control process project
LocalDLL	C++ local HMI DLL project
Remotestub	C++ socket interface server project
Webservice	C++ simple web service server project
RemoteDLL	C++ remote HMI DLL project
English	C++ language DLL (English version) project
HMI	Visual Basic HMI project
Webapp	Visual Basic web application project
FileCRC	Stand alone file CRC calculator project
ENT	Embedded NT configuration file and prototype application KDF

SYSTEM REQUIRMENTS

The Framework and Toolkit requirements for the development platform are:

- Intel or Intel look-alike based personal computer
- Windows 98, Windows NT 4.0 or Windows 2000
- Microsoft Visual C++ 6.0
- Microsoft Visual Basic 6.0
- VenturCom RTX 4.3 or better (necessary for development in non-Windows modes only)
- Microsoft Target Designer (necessary to build Embedded NT image only)