

Carrier

A United Technologies Company

Computer-Software-Tools

May 23rd, 2011

COMPUTER, SOFTWARE, TOOLS

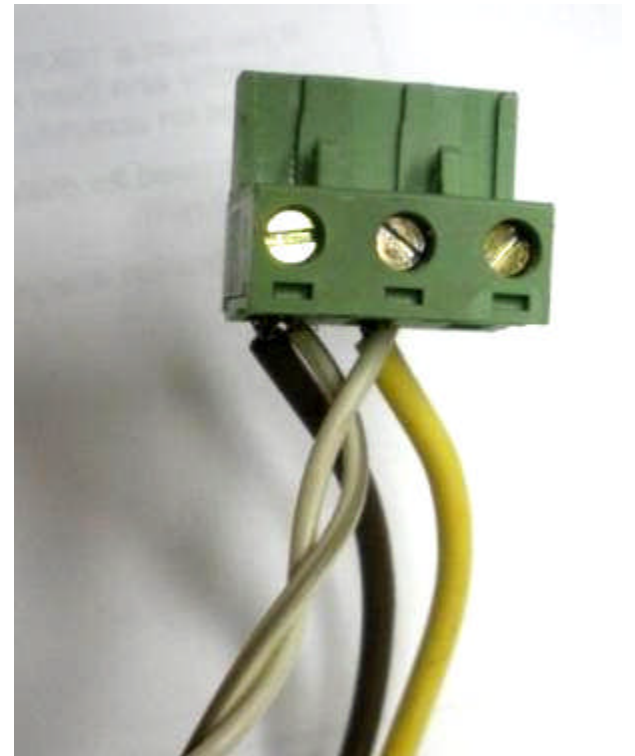
Remote Transformer



**18/24V
Transformer**



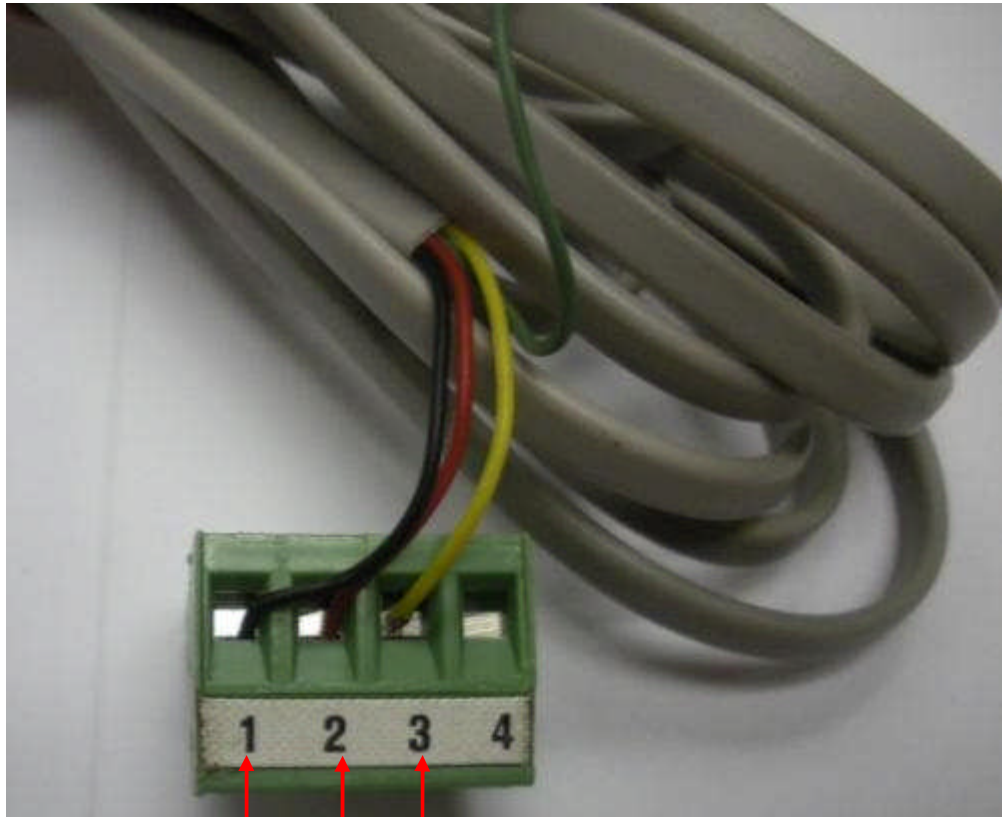
**ICVC
Power**



**PSIO
Power**

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Communication for PSIO module



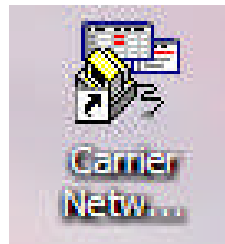
Blk
Red
Yel

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BNB converter



Software: [CCN](#), [Winloader](#), [Smartloader](#), [PCDCT](#), [DCT](#)



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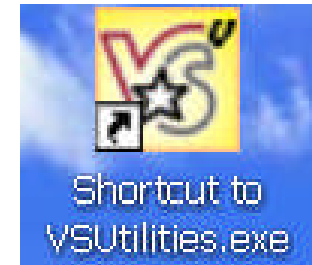
Converter for Rockwell LF2 & PF755 VFD



PF755 Software



Rockwell LF2
Software



Software: VS Utilities, Drive Explorer Lite

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Regular Serial Cable for Rockwell LF1 VFD



Rockwell LF1
Software



Software: CS3000

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Cable for Eaton LCX9000

Communication with PC

When communicating using 9000X software tools 9000XDrive or 9000XLoad, a cable with three wires and 9-pin D-connectors is used. See Figure C-1.

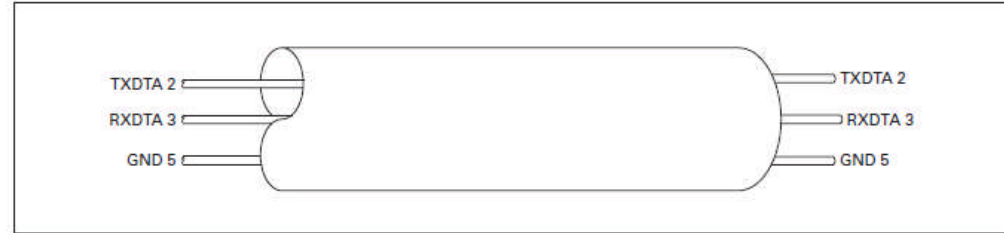


Figure C-1: RS-232 Cable for Parameter Setting or Software Downloading by Using PC

Remote Assembly of the Control Panel

When units are installed inside the cabinet, the keypad is often preferred mounted on the door of the cabinet to make programming and monitoring possible without opening the door. The keypad remote installation can be done with a similar pin-to-pin connected RS-232 cable as the PC-connection, with two additional wires (+12V, -12V) connected to the pins #6 and #9, feeding power to the keypad.

Note: When using these cables for PC-connection you have to check first whether the +12V / -12V lines can cause problems/damages in RS-232 output of PC/laptop. In some PC outputs, $\pm 12V$ can generate extra current loops which might cause overheating of the components.

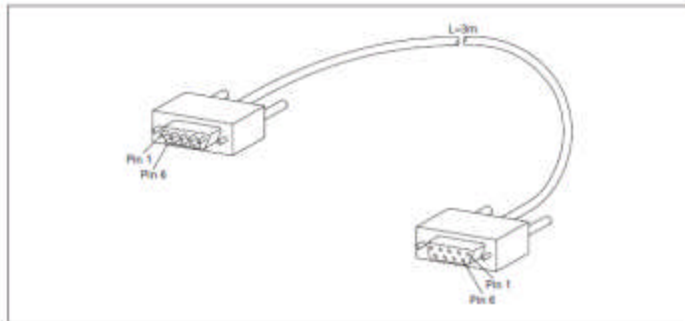


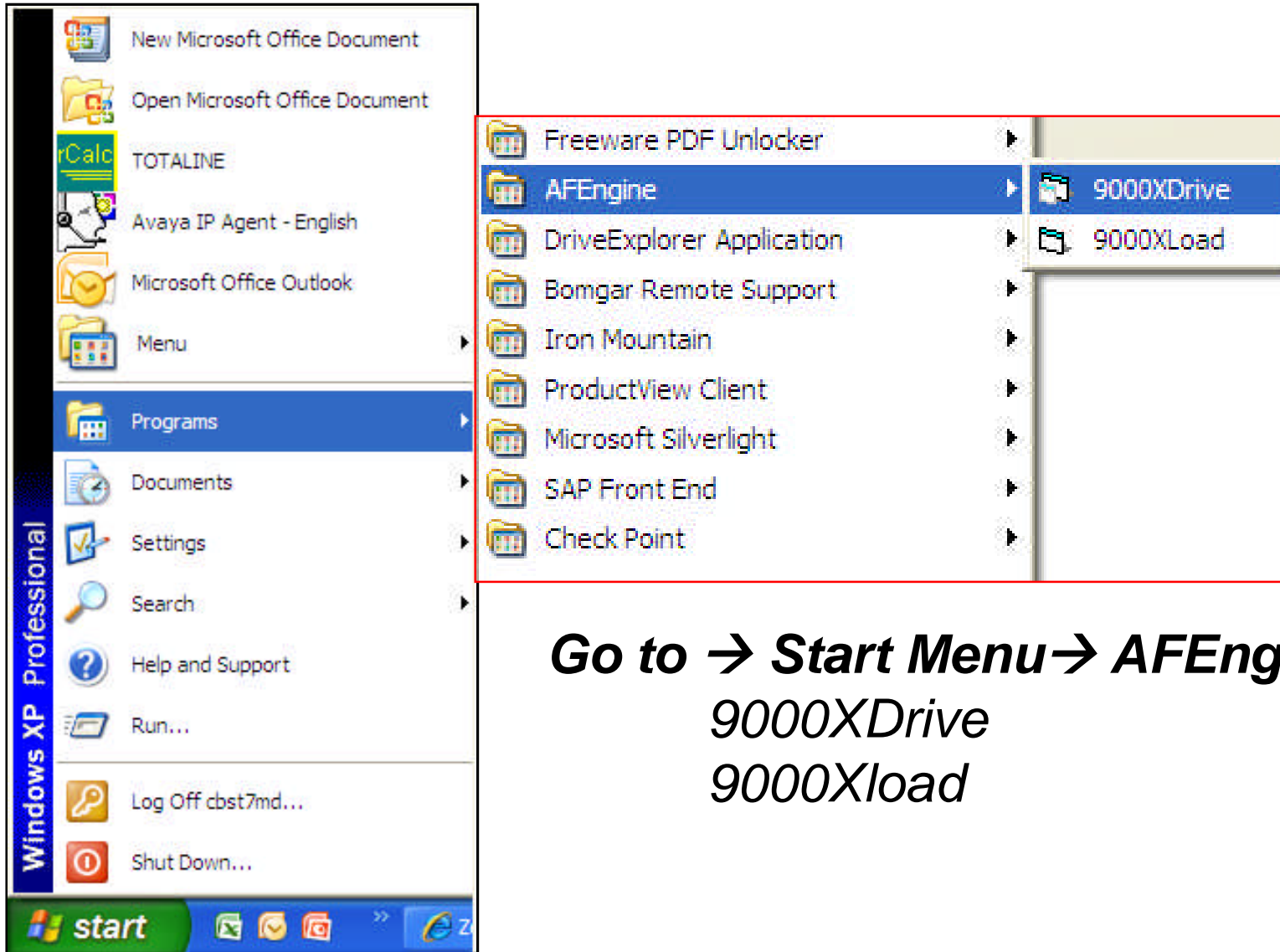
Figure C-3: RS-232 Cable



Software: 9000XDrive, 9000Xload

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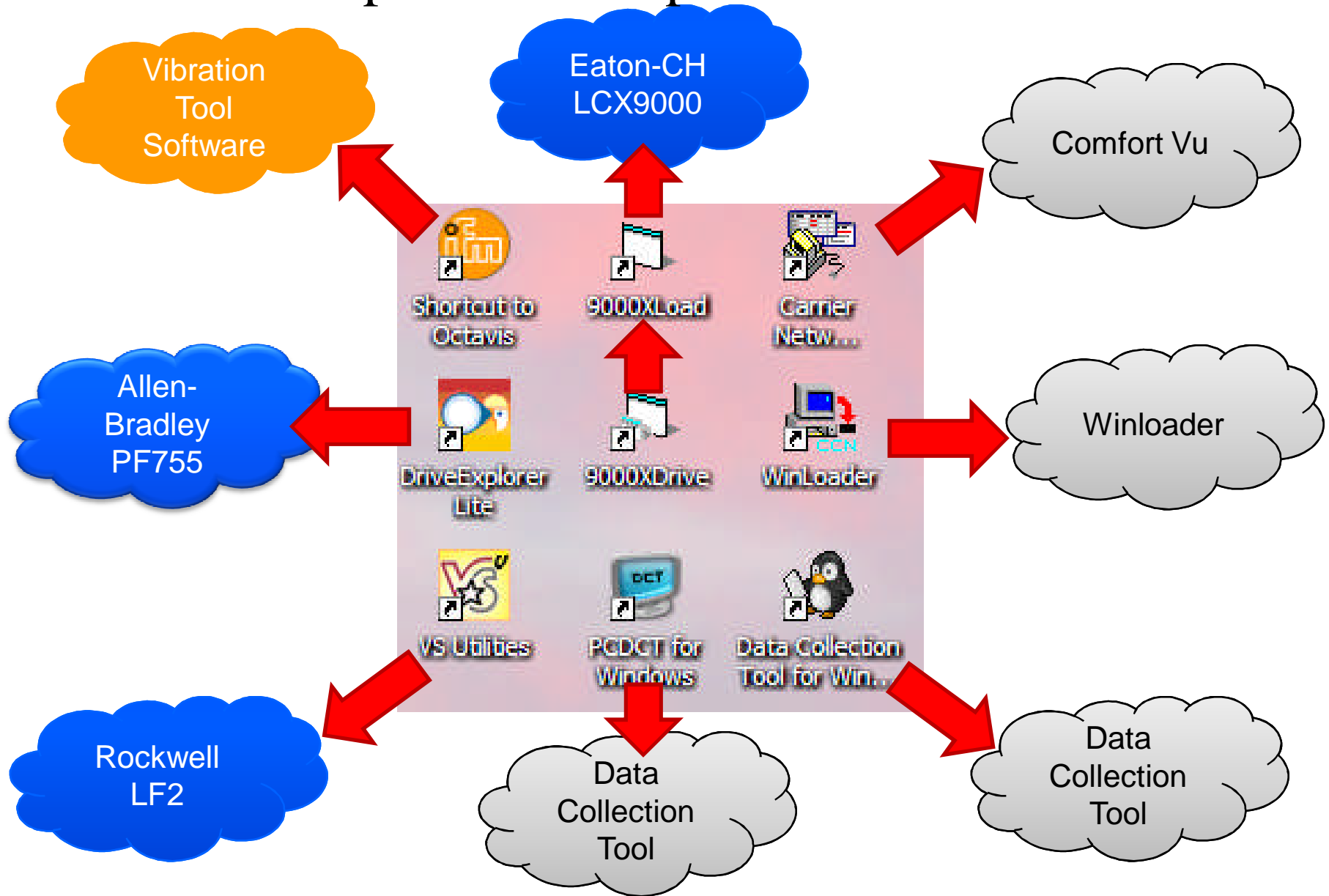
Eaton-CH LCX9000 Drive Software



***Go to → Start Menu → AFEngine
9000XDrive
9000Xload***

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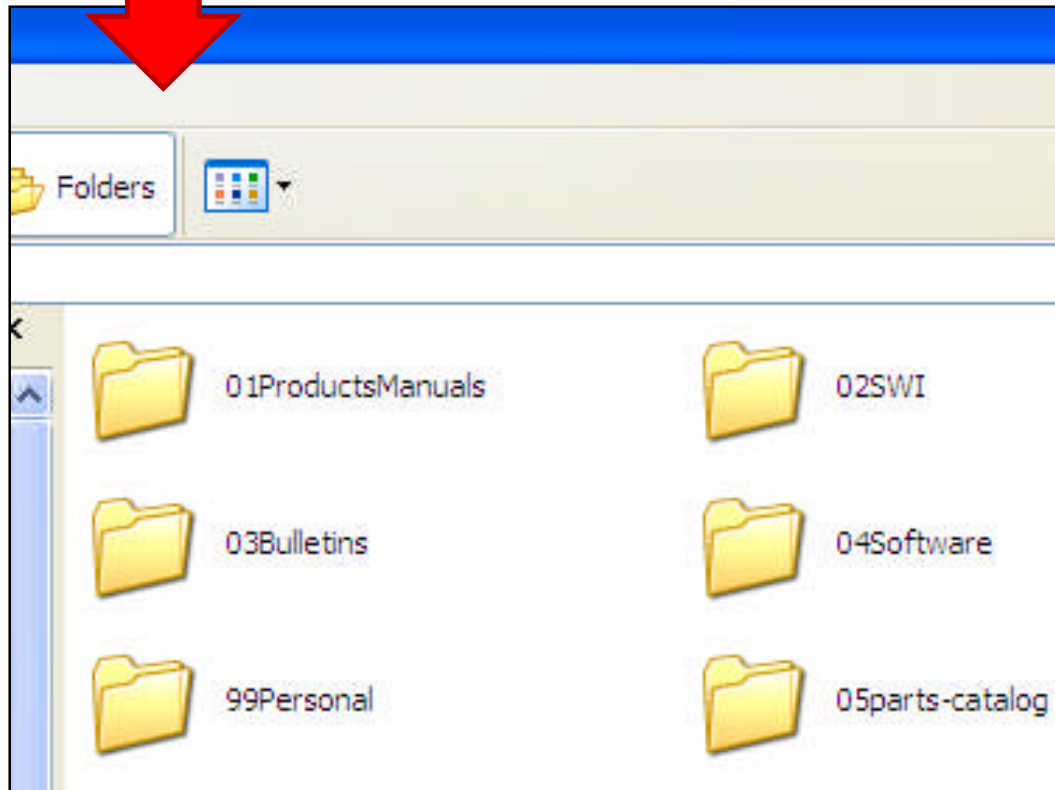
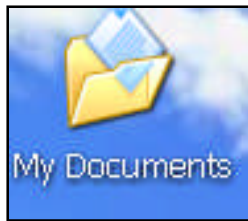
Service Computer Desktop



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PC file structure

Go To My Documents



Do not change structure with #

01ProductManuals
02SWI
03Bulletins
04Software
05Parts-Catalog
99Personal

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Miscellaneous

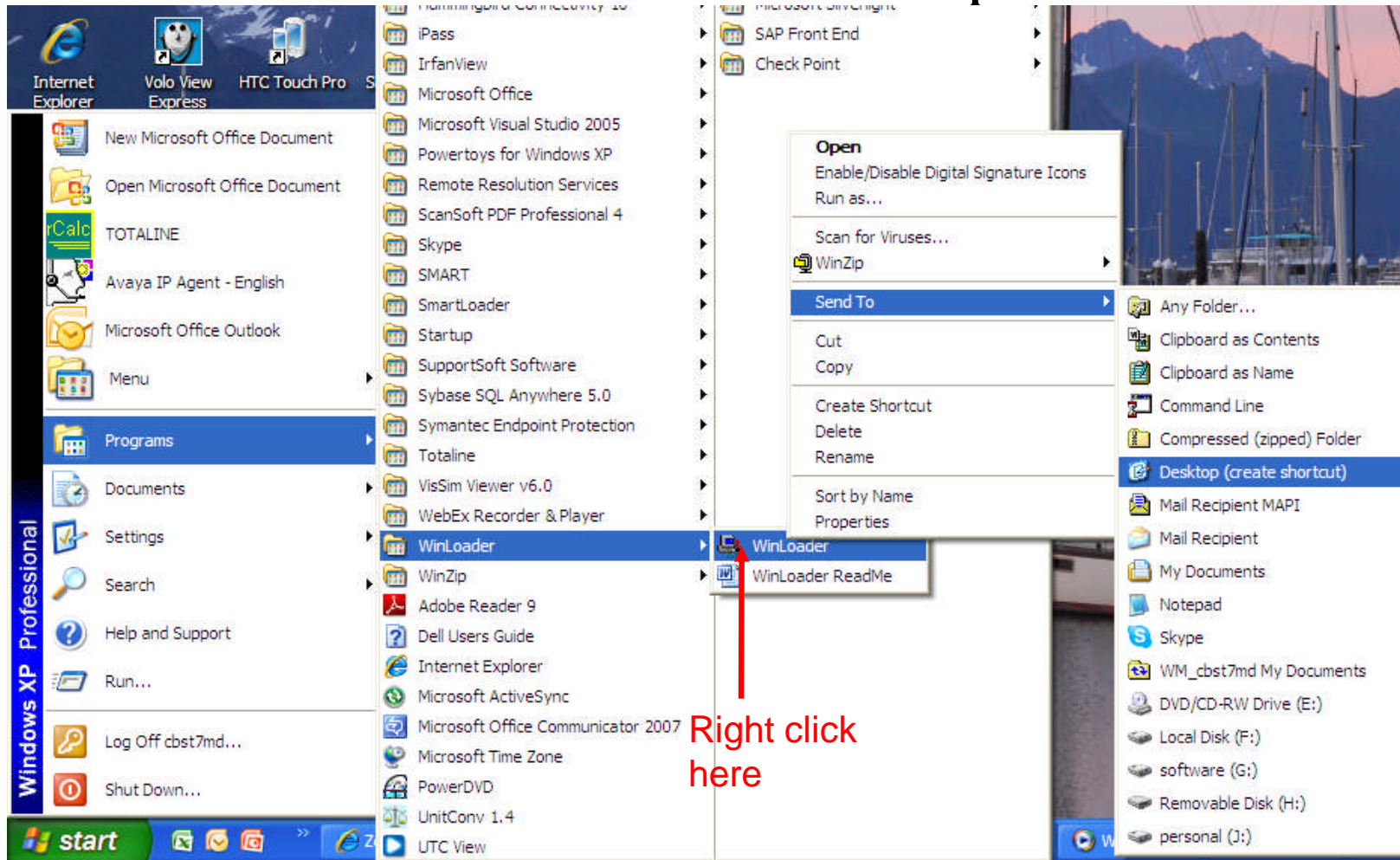
Winloader software files storage

C:/program files/winloader/download/

APPENDIX

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How to create shortcut on Desktop



Go start menu → programs → selected program
Right Click on program name
Select “Send To” → “Desktop(create Shortcut)”

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How to create folder

For those with service computer

Go to My documents

Right click on blank space

Go to “New” → “Folder”

Create folder name “06VibrationAnalysis”

