

# Installation Instructions for PC- ControlLAB 3 Software for Process Control and Loop Tuning



*Technology Training that Works*

These are installation instructions for the PC-ControlLAB 3 software.

You should have been provided with the zip archive named PC\_ControlLAB\_3\_with\_exercises.zip. This contains both the installer for the program along with the files needed for the IDC practical exercises using this program.

The contents are as follows –

```
# Archive C:\temp\PC_ControlLAB_3_with_exercises.zip
2007-09-23 10:27      2012160      813451  AutoRun.exe
2007-09-23 10:27      1885      581    AutoRun.ard
2007-09-23 10:27      872      434    AutoRun.ext
2007-09-23 10:27      133      75    autorun.pro
2007-09-23 10:27      1900      600    AutoRun.rdt
2007-09-23 10:27      8683      3637  Compile & Modifications Log.txt
2007-09-23 10:27     162294      3747  Pid-Bldr1.BMP
2007-09-23 10:27     132506     112331  QuickStart Guide.pdf
2007-09-23 10:27      842      387    ReadMe.txt
2007-09-23 10:27     8752849     8490562  setup.exe
2007-09-23 10:27     13605     9391    WHAT'S NEW.pdf
2007-09-23 10:27      Folder      Folder  Lab_exer
2007-09-23 10:26     20816     8813    Lab_exer\10_AnsKy.pdf
2007-09-23 10:26     42002     21743    Lab_exer\10_TunCl.pdf
2007-09-23 10:26     15381     6630    Lab_exer\11_AnsKy.pdf
2007-09-23 10:26     39086     27492    Lab_exer\11_ImpAs.pdf
2007-09-23 10:26     43360     22947    Lab_exer\12_AnsKy.pdf
2007-09-23 10:26     153650     101669    Lab_exer\12_TnLvl.pdf
2007-09-23 10:26     14977     6155    Lab_exer\13_AnsKy.pdf
2007-09-23 10:26     114027     70294    Lab_exer\13_Sched.pdf
2007-09-23 10:26     19700     7733    Lab_exer\14_AnsKy.pdf
2007-09-23 10:26     32194     15764    Lab_exer\14_Ratio.pdf
2007-09-23 10:26     21719     8767    Lab_exer\15_AnsKy.pdf
2007-09-23 10:26     32650     19233    Lab_exer\15_Cascd.pdf
2007-09-23 10:26     161361     135680    Lab_exer\16_AddFf.pdf
2007-09-23 10:26     17171     7453    Lab_exer\16_AnsKy.pdf
2007-09-23 10:26     21464     8568    Lab_exer\17_AnsKy.pdf
2007-09-23 10:26     68626     20582    Lab_exer\17_MulFf.pdf
2007-09-23 10:26     18370     6700    Lab_exer\18_AnsKy.pdf
2007-09-23 10:26     42147     31874    Lab_exer\18_Overd.pdf
2007-09-23 10:26     23610     6800    Lab_exer\19_AnsKy.pdf
2007-09-23 10:26     94790     59534    Lab_exer\19_FwDcp.pdf
2007-09-23 10:26     19921     9882    Lab_exer\1_AnsKy.pdf
2007-09-23 10:26     74133     58993    Lab_exer\1_PrcDyn.pdf
2007-09-23 10:26     29794     7139    Lab_exer\20_AnsKy.pdf
2007-09-23 10:26     64911     52509    Lab_exer\20_InDcp.pdf
2007-09-23 10:26     17874     6556    Lab_exer\21_AnsKy.pdf
2007-09-23 10:26     52197     41233    Lab_exer\21_Model.pdf
2007-09-23 10:26     17889     6577    Lab_exer\22_AnsKy.pdf
2007-09-23 10:26     76519     47906    Lab_exer\22_AntiR.pdf
2007-09-23 10:26     19061     7341    Lab_exer\23_AnsKy.pdf
2007-09-23 10:26     78948     44425    Lab_exer\23_DrmLv.pdf
2007-09-23 10:26     194352     168251    Lab_exer\24_AnsKy.pdf
2007-09-23 10:26     140257     90066    Lab_exer\24_MPC.pdf
2007-09-23 10:26     30319     10244    Lab_exer\2_AnsKy.pdf
2007-09-23 10:26     110892     75276    Lab_exer\2_CntVlv.pdf
2007-09-23 10:26     20081     7993    Lab_exer\3_AnsKy.pdf
2007-09-23 10:26     26783     18039    Lab_exer\3_VlvPos.pdf
2007-09-23 10:26     20867     8185    Lab_exer\4_AnsKy.pdf
2007-09-23 10:26     43500     17568    Lab_exer\4_FlowLp.pdf
2007-09-23 10:26     96249     64117    Lab_exer\5_AnsKy.pdf
2007-09-23 10:26     143746     95060    Lab_exer\5_TempLp.pdf
2007-09-23 10:26     25952     8127    Lab_exer\6_AnsKy.pdf
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2007-09-23 10:26	76041	29905	Lab_exer\6_PresLp.pdf
2007-09-23 10:26	80074	62342	Lab_exer\7_AnsKy.pdf
2007-09-23 10:26	56248	47428	Lab_exer\7_LevlLp.pdf
2007-09-23 10:26	33301	9439	Lab_exer\8_AnsKy.pdf
2007-09-23 10:26	105613	50556	Lab_exer\8_PIDChr.pdf
2007-09-23 10:26	21784	9123	Lab_exer\9_AnsKy.pdf
2007-09-23 10:26	82971	43225	Lab_exer\9_TunOpn.pdf
2007-09-23 10:26	6107	4063	Lab_exer\AbtConSt.pdf
2007-09-23 10:26	21238	10568	Lab_exer\AbtLabEx.pdf
2007-09-23 10:26	360060	136606	Lab_exer\AbtLabEx.pdf.prn
2007-09-23 10:26	94632	32660	Lab_exer\AbtPrMod.pdf
2007-09-23 10:26	77514	13512	Lab_exer\LabExer.pdf
2007-09-23 10:27	Folder	Folder	MPC-ControlAB
2007-09-23 10:26	157126	151847	MPC-ControlAB\MPCAnsKy.pdf
2007-09-23 10:26	71309	57693	MPC-ControlAB\MPCLabEx.pdf
2007-09-23 10:26	289073	279997	MPC-ControlAB\MPCUsrGd.pdf
2007-09-23 10:26	326191	304606	MPC-ControlAB\Overview.pdf
2007-09-23 10:27	Folder	Folder	Sentinel
2007-09-23 10:27	Folder	Folder	Sentinel\ALPHA
2007-09-23 10:26	23040	8960	Sentinel\ALPHA\rnbvtmp.dll
2007-09-23 10:26	9949	4077	Sentinel\ALPHA\sentinel.hlp
2007-09-23 10:26	139776	62920	Sentinel\ALPHA\senttemp.sys
2007-09-23 10:27	Folder	Folder	Sentinel\Driver
2007-09-23 10:26	296217	294783	Sentinel\Driver\Data.Cab
2007-09-23 10:26	13465	4559	Sentinel\Driver\ReadMe.txt
2007-09-23 10:26	606220	211088	Sentinel\Driver\Sentinel System Driver.msi
2007-09-23 10:26	692	315	Sentinel\Driver\SentinelDriverInstall_Start.htm
2007-09-23 10:26	1513987	1469080	Sentinel\Driver\instmsia.exe
2007-09-23 10:26	1526275	1481871	Sentinel\Driver\instmsiw.exe
2007-09-23 10:26	102400	41376	Sentinel\Driver\setup.exe
2007-09-23 10:26	62711	18874	Sentinel\Driver\setup.ini
2007-09-23 10:26	120320	54972	Sentinel\Driver\sx32w.dll
2007-09-23 10:27	Folder	Folder	Sentinel\FieldExUtil
2007-09-23 10:26	48848	41323	Sentinel\FieldExUtil\FieldExUtil.chm
2007-09-23 10:26	32768	8064	Sentinel\FieldExUtil\FieldExUtil.exe
2007-09-23 10:26	188416	83200	Sentinel\FieldExUtil\USafe32.DLL
2007-09-23 10:27	20480	3785	Sentinel\Get Host.exe
2007-09-23 10:27	Folder	Folder	Sentinel\I386
2007-09-23 10:26	17920	5780	Sentinel\I386\rnbvtmp.dll
2007-09-23 10:26	9949	4077	Sentinel\I386\sentinel.hlp
2007-09-23 10:26	72704	31670	Sentinel\I386\senttemp.sys
2007-09-23 10:26	1297	575	Sentinel\I386\sntnlsb.ifx
2007-09-23 10:26	1311	576	Sentinel\I386\sntnlsb.inf
2007-09-23 10:26	8128	4487	Sentinel\I386\sntnlsb.sys
2007-09-23 10:27	Folder	Folder	Sentinel\InstlDoc
2007-09-23 10:26	40519	31709	Sentinel\InstlDoc\Key Prot Installation
Instructions-Network.pdf			
2007-09-23 10:26	39262	30488	Sentinel\InstlDoc\Key Prot Installation
Instructions-StandAlone.pdf			
2007-09-23 10:27	Folder	Folder	Sentinel\OS Upgrade Utility
2007-09-23 10:27	Folder	Folder	Sentinel\OS Upgrade Utility\ALPHA
2007-09-23 10:26	23040	8960	Sentinel\OS Upgrade Utility\ALPHA\rnbvtmp.dll
2007-09-23 10:26	8628	332	Sentinel\OS Upgrade Utility\ALPHA\sentinel.GID
2007-09-23 10:26	9949	4077	Sentinel\OS Upgrade Utility\ALPHA\sentinel.hlp
2007-09-23 10:26	139776	62920	Sentinel\OS Upgrade Utility\ALPHA\senttemp.sys
2007-09-23 10:26	2100	600	Sentinel\OS Upgrade Utility\CleanRegSSP.bat
2007-09-23 10:26	302658	301150	Sentinel\OS Upgrade Utility\DriverRemove.zip
2007-09-23 10:27	Folder	Folder	Sentinel\OS Upgrade Utility\I386
2007-09-23 10:26	17920	5780	Sentinel\OS Upgrade Utility\I386\rnbvtmp.dll
2007-09-23 10:26	9949	4077	Sentinel\OS Upgrade Utility\I386\sentinel.hlp
2007-09-23 10:26	72704	31670	Sentinel\OS Upgrade Utility\I386\senttemp.sys
2007-09-23 10:26	1297	575	Sentinel\OS Upgrade Utility\I386\sntnlsb.ifx
2007-09-23 10:26	1311	576	Sentinel\OS Upgrade Utility\I386\sntnlsb.inf
2007-09-23 10:26	8128	4487	Sentinel\OS Upgrade Utility\I386\sntnlsb.sys
2007-09-23 10:27	Folder	Folder	Sentinel\OS Upgrade Utility\PPC
2007-09-23 10:26	15360	6119	Sentinel\OS Upgrade Utility\PPC\rnbvtmp.dll
2007-09-23 10:26	9949	4077	Sentinel\OS Upgrade Utility\PPC\sentinel.hlp
2007-09-23 10:26	108448	41520	Sentinel\OS Upgrade Utility\PPC\senttemp.sys
2007-09-23 10:26	2492	2373	Sentinel\OS Upgrade Utility\cleanRegSSD.zip
2007-09-23 10:26	491587	487388	Sentinel\OS Upgrade Utility\sentinel.zip
2007-09-23 10:26	60928	28453	Sentinel\OS Upgrade Utility\setupaxp.exe
2007-09-23 10:26	47616	20289	Sentinel\OS Upgrade Utility\setupppc.exe
2007-09-23 10:26	32256	11269	Sentinel\OS Upgrade Utility\setupx86.exe
2007-09-23 10:26	59904	24440	Sentinel\OS Upgrade Utility\sntalpha.dll
2007-09-23 10:26	47616	17404	Sentinel\OS Upgrade Utility\snti386.dll
2007-09-23 10:26	66048	22323	Sentinel\OS Upgrade Utility\sntppc.dll
2007-09-23 10:26	5031	772	Sentinel\OS Upgrade Utility\win9xssd.reg
2007-09-23 10:26	5059	788	Sentinel\OS Upgrade Utility\winntssd.reg
2007-09-23 10:27	Folder	Folder	Sentinel\PPC
2007-09-23 10:26	15360	6119	Sentinel\PPC\rnbvtmp.dll
2007-09-23 10:26	9949	4077	Sentinel\PPC\sentinel.hlp
2007-09-23 10:26	108448	41520	Sentinel\PPC\senttemp.sys
2007-09-23 10:27	59290	51824	Sentinel\SSP Monitoring Tool.chm
2007-09-23 10:27	601563	387768	Sentinel\SentinelSP Sys Admin Guide.pdf
2007-09-23 10:27	Folder	Folder	Sentinel\Server
2007-09-23 10:27	Folder	Folder	Sentinel\Server\Novell
2007-09-23 10:26	92907	44894	Sentinel\Server\Novell\Spnnwsrv.nlm
2007-09-23 10:27	Folder	Folder	Sentinel\Server\Win9x

2007-09-23 10:26	167936	76193	Sentinel\Server\Win9x\spnsrv9x.exe
2007-09-23 10:27	Folder	Folder	Sentinel\Server\WinNT
2007-09-23 10:26	126976	61830	Sentinel\Server\WinNT\spnsrvnt.exe
2007-09-23 10:26	38912	17113	Sentinel\Server\loadserv.exe
2007-09-23 10:26	167936	76193	Sentinel\Server\spnsrv9x.exe
2007-09-23 10:27	Folder	Folder	Sentinel\SysAdm
2007-09-23 10:27	20480	3785	Sentinel\SysAdm\Get Host.exe
2007-09-23 10:27	59290	51822	Sentinel\SysAdm\SSP Monitoring Tool.chm
2007-09-23 10:27	601563	387768	Sentinel\SysAdm\SentinelSP Sys Admin Guide.pdf
2007-09-23 10:27	516096	238991	Sentinel\SysAdm\monitor.exe
2007-09-23 10:26	516096	238991	Sentinel\monitor.exe
2007-09-23 10:26	60928	28453	Sentinel\setupaxp.exe
2007-09-23 10:26	47616	20289	Sentinel\setupppc.exe
2007-09-23 10:26	32256	11269	Sentinel\setupx86.exe
2007-09-23 10:26	59904	24440	Sentinel\sntalpha.dll
2007-09-23 10:26	47616	17404	Sentinel\snti386.dll
2007-09-23 10:26	66048	22323	Sentinel\sntppc.dll
2007-09-23 10:27	47	39	autorun.inf
2008-06-18 11:41	Folder	Folder	IDC Practicals
2008-06-15 18:54	Folder	Folder	IDC Practicals\Ex-1
2008-05-03 10:54	2426	53	IDC Practicals\Ex-1\IDC Flow1.DSG
2008-05-03 10:54	18111	243	IDC Practicals\Ex-1\IDC Flow1.MDL
2008-05-03 10:54	2579	133	IDC Practicals\Ex-1\IDC Flow1.PRM
2008-06-15 18:54	Folder	Folder	IDC Practicals\Ex-2
2008-01-14 12:06	553	157	IDC Practicals\Ex-2\IDC FLOW AUTO 1.stg
2008-05-03 10:54	2426	53	IDC Practicals\Ex-2\IDC Flow1.DSG
2008-05-03 10:54	18111	243	IDC Practicals\Ex-2\IDC Flow1.MDL
2008-05-03 10:54	2579	133	IDC Practicals\Ex-2\IDC Flow1.PRM
2008-06-15 18:54	Folder	Folder	IDC Practicals\Ex-3
2008-01-24 20:19	546	154	IDC Practicals\Ex-3\IDC FLOW PROP 2.stg
2008-01-26 10:34	2485	103	IDC Practicals\Ex-3\IDC Flow2.DSG
2008-01-26 10:34	18114	252	IDC Practicals\Ex-3\IDC Flow2.MDL
2008-01-26 10:34	2585	139	IDC Practicals\Ex-3\IDC Flow2.PRM
2008-06-15 18:54	Folder	Folder	IDC Practicals\EX-4
2008-06-11 17:37	560	167	IDC Practicals\EX-4\IDC FLOW4 INT ONLY.stg
2008-06-11 17:32	2485	103	IDC Practicals\EX-4\IDC Flow4.DSG
2008-06-11 17:32	18114	252	IDC Practicals\EX-4\IDC Flow4.MDL
2008-06-11 17:32	2585	138	IDC Practicals\EX-4\IDC Flow4.PRM
2008-06-15 18:54	Folder	Folder	IDC Practicals\EX-5
2008-06-12 17:44	482	109	IDC Practicals\EX-5\EX-5.stg
2008-06-12 18:58	2485	103	IDC Practicals\EX-5\IDC Flow4.DSG
2008-06-12 18:58	18114	252	IDC Practicals\EX-5\IDC Flow4.MDL
2008-06-12 18:58	2585	138	IDC Practicals\EX-5\IDC Flow4.PRM
2008-06-12 18:53	538	147	IDC Practicals\EX-5\IDC FLOW5 P+I.stg
2008-06-15 18:54	Folder	Folder	IDC Practicals\EX-6
2008-06-12 19:21	534	136	IDC Practicals\EX-6\IDC FEED HTR PID.stg
2008-02-06 09:03	2608	200	IDC Practicals\EX-6\IDC Feed Htr.dsg
2008-02-06 09:03	18156	381	IDC Practicals\EX-6\IDC Feed Htr.mdl
2008-02-06 09:03	2706	219	IDC Practicals\EX-6\IDC Feed Htr.prm
2008-06-15 18:54	Folder	Folder	IDC Practicals\EX-7
2008-06-12 19:21	534	136	IDC Practicals\EX-7\IDC FEED HTR PID.stg
2008-02-06 09:03	2608	200	IDC Practicals\EX-7\IDC Feed Htr.dsg
2008-02-06 09:03	18156	381	IDC Practicals\EX-7\IDC Feed Htr.mdl
2008-02-06 09:03	2706	219	IDC Practicals\EX-7\IDC Feed Htr.prm
2008-06-15 18:54	Folder	Folder	IDC Practicals\EX-8
2008-06-13 09:26	2426	53	IDC Practicals\EX-8\Folpdt.DSG
2008-06-13 09:26	18102	223	IDC Practicals\EX-8\Folpdt.MDL
2008-06-13 09:26	2562	110	IDC Practicals\EX-8\Folpdt.PRM
2005-07-26 15:54	3296	292	IDC Practicals\EX-8\Generic.dsg
2005-07-26 15:54	18277	684	IDC Practicals\EX-8\Generic.mdl
2005-07-26 15:54	3927	465	IDC Practicals\EX-8\Generic.prm
2004-04-21 10:28	19978	6661	IDC Practicals\EX-8\GENERIC.RSP
2002-06-28 21:31	3242	250	IDC Practicals\EX-8\Generic1.DSG
2002-06-28 21:31	18261	601	IDC Practicals\EX-8\Generic1.MDL
2002-06-28 21:31	3812	449	IDC Practicals\EX-8\Generic1.PRM
2004-02-10 18:43	3242	250	IDC Practicals\EX-8\Generic3.dsg
2004-02-10 18:43	18257	622	IDC Practicals\EX-8\Generic3.mdl
2004-02-10 18:43	3791	418	IDC Practicals\EX-8\Generic3.prm
2005-07-26 12:18	2667	206	IDC Practicals\EX-8\level2.dsg
2005-07-26 12:18	18163	419	IDC Practicals\EX-8\level2.mdl
2005-07-26 12:18	3329	258	IDC Practicals\EX-8\level2.prm
2008-06-15 18:54	Folder	Folder	IDC Practicals\EX-9
2008-06-13 15:19	2608	200	IDC Practicals\EX-9\IDC Feed Htr Ex-9.DSG
2008-06-13 15:19	18161	387	IDC Practicals\EX-9\IDC Feed Htr Ex-9.MDL
2008-06-13 15:19	2706	219	IDC Practicals\EX-9\IDC Feed Htr Ex-9.PRM
2008-06-13 15:20	583	180	IDC Practicals\EX-9\IDC FEED HTR EX-9.stg
2008-06-15 18:54	Folder	Folder	IDC Practicals\Ex-10
2005-07-26 15:54	3296	292	IDC Practicals\Ex-10\Generic.dsg
2005-07-26 15:54	18277	684	IDC Practicals\Ex-10\Generic.mdl
2005-07-26 15:54	3927	465	IDC Practicals\Ex-10\Generic.prm
2008-06-15 18:54	Folder	Folder	IDC Practicals\EX-11
2006-06-25 09:04	414	120	IDC Practicals\EX-11\FeedBck1.stg
2005-07-26 15:54	3296	292	IDC Practicals\EX-11\Generic.dsg
2005-07-26 15:54	18277	684	IDC Practicals\EX-11\Generic.mdl
2005-07-26 15:54	3927	465	IDC Practicals\EX-11\Generic.prm
2008-06-15 18:54	Folder	Folder	IDC Practicals\EX-12
2008-06-14 09:29	2676	251	IDC Practicals\EX-12\IDC Feed Htr Casc.dsg
2008-06-14 09:29	18164	402	IDC Practicals\EX-12\IDC Feed Htr Casc.mdl

2008-06-14 09:29	3031	235	IDC Practicals\EX-12\IDC Feed Htr Casc.prm
2008-02-13 16:40	663	173	IDC Practicals\EX-12\IDC FEED HTR PID CASCADE.stg
2008-06-15 18:54	Folder	Folder	IDC Practicals\EX-13
2002-07-12 23:26	2466	71	IDC Practicals\EX-13\RatioFlo.dsg
2003-05-22 22:14	18111	232	IDC Practicals\EX-13\RatioFlo.mdl
2002-07-12 23:26	2829	149	IDC Practicals\EX-13\RatioFlo.prm
2008-06-15 18:54	Folder	Folder	IDC Practicals\EX-14
2008-06-15 09:05	2963	285	IDC Practicals\EX-14\IDC FEEDFWD HTR.DSG
2008-06-15 09:05	18188	470	IDC Practicals\EX-14\IDC FEEDFWD HTR.MDL
2008-06-15 09:05	2824	278	IDC Practicals\EX-14\IDC FEEDFWD HTR.PRM
2008-06-15 09:06	715	183	IDC Practicals\EX-14\IDC FEEDFWD HTR.stg
2008-06-15 18:54	Folder	Folder	IDC Practicals\EX-15
2008-06-15 10:38	697	155	IDC Practicals\EX-15\DRUM LEVEL FFWD.stg
2005-07-26 12:18	2667	206	IDC Practicals\EX-15\level2.dsg
2005-07-26 12:18	18163	419	IDC Practicals\EX-15\level2.mdl
2005-07-26 12:18	3329	258	IDC Practicals\EX-15\level2.prm
2008-06-15 18:54	Folder	Folder	IDC Practicals\Ex-16
2008-06-15 18:15	2551	170	IDC Practicals\Ex-16\IDC Ex 16.DSG
2008-06-15 18:15	18139	328	IDC Practicals\Ex-16\IDC Ex 16.MDL
2008-06-15 18:15	2651	170	IDC Practicals\Ex-16\IDC Ex 16.PRM
2008-06-15 18:16	543	148	IDC Practicals\Ex-16\IDC EX 16.stg
2008-06-15 18:54	Folder	Folder	IDC Practicals\EX-17
2005-10-07 09:44	2751	255	IDC Practicals\EX-17\Temp.dsg
2005-10-07 09:53	18178	463	IDC Practicals\EX-17\Temp.mdl
2005-10-07 09:44	3132	243	IDC Practicals\EX-17\Temp.prm
2008-06-18 11:44	148	112	REGKEY.TXT
#			
# Total	Size	Packed	Files
#	25642836	18949366	253

To install the software, please unpack the archive and double-click on setup.exe. The installer will then start. For the registration keys, please use the ones contained in the REGKEY.txt file in the archive. A menu shortcut will be created by the installer – to start the program itself, just click on the menu item.

All of the files required for the Wade & Associates exercises are automatically installed by PC-ControlLAB 3. The files required for the IDC practical exercises are contained in the IDC Practicals directory in the archive. You may need to copy these across to the directory that PC-ControlLAB 3 was installed in. Each directory is numbered to match with the practical exercises found in the text.