Steps to use DataMan 200 EtherNet/IP with the Rockwell Add on Profile (AOP)

If you are connecting DataMan 200 to ControlLogix Platform, Verify Rockwell Logix5000 SW is on your PC. Install DataMan 200 3.5.0 RTM firmware on your PC. Make SURE you select the Add on Profile installation and the Samples installation.

Install the Rockwell Add on Profiles. Go to the following Directory

🗁 EtherNetIP		
Eile Edit View Favorites Tools Help		
G Back 🝷 🕤 🔹 🏂 🔎 Search 🎼 Folders 🛄 🗧		
Address 🛅 C:\Program Files\Cognex\DataMan\Setup Tool v3.5.0\Tools\EtherNe	tIP	💌 🄁 Go
Name 🔺	Size Type	Date Modified
File and Folder Tasks 🔕 🗏 🔂 EDS	File Folder	3/9/2010 2:00 PM
Rename this folder	File Folder	3/9/2010 2:00 PM
Move this folder		>

Select the Rockwell AOP Directory

Cockwell AOP		
<u>File E</u> dit <u>V</u> iew F <u>a</u> vorites	ools <u>H</u> elp	**
🕝 Back 🝷 🕥 🕤 🏂 🍃	Search 🎼 Folders 🛄 -	
Address 🛅 C:\Program Files\Cogn	x\DataMan\Setup Tool v3.5.0\Tools\EtherNetIP\Rockwell AOP	💌 🄁 Go
	🔨 Name 🔺 Size Type	Date Modified
File and Folder Tasks \land	📄 InstallNotes File Folder	3/9/2010 2:00 PM
Departe this file	License File Folder	3/9/2010 2:00 PM
	💼 MP File Folder	3/9/2010 2:00 PM
Move this file	autorun.inf 1 KB Setup Information	3/9/2010 1:57 PM
Copy this file	MPSetup.exe 712 KB Application	3/9/2010 1:57 PM
🛛 🔕 Publish this file to the	MPSetunCHS.dll128 KB Application Extension	3/9/2010 1:57 PM
Web	MPSe Description: Component of MPSetup 136 KB Application Extension	3/9/2010 1:57 PM
🖾 E-mail this file	MPSe Company: Rockwell Automation Inc. 128 KB Application Extension	3/9/2010 1:57 PM
🗙 Delete this file	MPSe Date Created: 3/9/2010 2:00 PM 136 KB Application Extension	3/9/2010 1:57 PM
	MPSe Size: 712 KB 136 KB Application Extension	3/9/2010 1:57 PM
	MPSetupITA.dl 136 KB Application Extension	3/9/2010 1:57 PM
Other Places 🛛 🕹	MPSetupJPN.dll 128 KB Application Extension	3/9/2010 1:57 PM
	MPSetupKOR.dll 128 KB Application Extension	3/9/2010 1:57 PM
Details 🚷	Provide the second seco	3/9/2010 1:57 PM
	Shfolder.dll 22 KB Application Extension	3/9/2010 1:57 PM
MPSetup.exe		
Application		>

Run the MPSetup.exe and this will install the Rockwell AOP. If this has been previously installed you may not be required to accomplish this step.



2 rue René Laennec 51500 Taissy France Email : hvssystem@hvssystem.com Fax: 03 26 85 19 08, Tel : 03 26 82 49 29 Site web : www.hvssystem.com

Go To Programs, Rockwell Software, RSLinx, Tools, EDS Hardware Install Tool



Run the EDS Install Tool

If you have an EXISTING EDS file you may want to UN-INSTALL IT and then install the Latest Version of the EDS.

Run the Setup Tool and then update the DataMan 200 firmware to the 3.5 Released Version below

MAKE SURE YOU LOAD THE PROPER FIRMWARE INTO THE DataMan 200

🗁 DM200		
<u> </u>	Tools Help	*
🕒 Back 🔹 🕥 🕤 🏂	Search 😥 Folders	
Address 🛅 C:\Program Files\Comm	non Files\Cognex\DataMan\Firmware\DM200	💌 🔁 Go
	Name 🔺	Size
File and Folder Tasks 🙁	a 3.5 Betas	
📑 Rename this file		0.000 KB
🙀 Move this file		2,086 KB
Copy this file	Type: GZ File	
Publish this file to the Web	Date Modified: 3/4/2010 5:22 PM Size: 2.03 MB	
🔗 E-mail this file		>

Check that the firmware has been loaded into the unit by requesting the system information.

System Info	
	System Info
Device	DM200
Serial number	×92901425
Device name	DM200_145
MAC address	00-D0-24-13-3D-22
Version	3.5.0_rc4
Latest allowed version	3.5
Bootloader version	2.08
Feature keys	IDMax, ImageDownload, IDQuick, BarCode, PostalCode, 2DCode, Validation
Startup version	2.01
	ОК

Using Setup Tool ENABLE EtherNet/IP on the DataMan 200

👫 DM200_147 (DM200) - DataMan	Setup Tool	
: <u>F</u> ile <u>E</u> dit <u>V</u> iew <u>I</u> asks <u>S</u> ystem <u>H</u> : :	qle	
Advanced × Image: Connect to Reader Image: Results Display Image: Communication Settings Image: System Settings Ima	Network Settings	Docols
	Untrained	Connected

Using Setup Tool SAVE Settings on the DataMan 200

Cycle Power on the DataMan 200

🏞 DM200_147 (DM200) - Da	taMan Setup Tool	
<u>; File E</u> dit <u>V</u> iew <u>T</u> asks <u>S</u> ys	tem <u>H</u> elp	
🔢 🧟 ई ९ ९ ९ 🧶 📘	Save Settings	
Advanced Connect to Reader Results Display Light and Camera Setti Symbology Settings Communication Communication Setting Communication Setting Mr: Non-Printing Charace Custom Commands Wr: Notwork Settings System Settings System Settings	Reset Configuration Update Firmware F9 Upload Feature Key VeriCode © License ngs scters	Network Settings
	Untr	rained Connected

If the DataMan 200 is on your Network you should see it in RSWHO.

If the DataMan 200 is recognized but the Icon is a Question Mark, See the EDS Installation Again.

🗞 RSLinx Classic Lite - [RSWho - 1]		\mathbf{X}
Eile <u>View</u> Communications <u>Station</u> <u>DDE/OPC</u> Sec <u>u</u> rity <u>Wi</u> ndow <u>H</u> elp		7 ×
* 20		
Autobrowse Refresh 🖭 Browsing - node 192.168.0.145 found		
 ➡ Workstation, JRIBM-LAPTOP ➡ Linx Gateways, Ethernet ➡ AB_DF1-1, DF1 ➡ AB_ETHIP-1, Ethernet ➡ 192.168.0.145, DataMan DM200 Series Reader, DataMan DM200 Series Reader ➡ 1 192.168.0.200, 1756-EN2T/A, 1756-EN2T/A ➡ AB_VBP-1, 1789-A17/A Virtual Chassis 	192.168.0.14 192.168.0 5 1756-EN2T/A DAtaMan DM200 Series Reader 1	
For Help, press F1	NUM 03/10/10 04:02 PM	

You should now be able to open one of the sample Jobs and see how to integrate the DataMan 200 into your program using the Add on Profile.

Or simply add the DataMan 200 as a Module on your Network

Select Module		×
Module Allen-Bradley Cognex Corporation DataMan 200 Series In-Sight 1700 Series In-Sight 3400 Series In-Sight 5000 Series In-Sight Micro Series In-Sight Micro Series Parker Hannifin Corp.	Description ID Reader Vision System Vision System Vision System Vision System	I
By Category By Vendo	<u>F</u> ind <u>A</u> dd Favorite r Favorites OK Cancel <u>H</u> elp	



2 rue René Laennec 51500 Taissy France Email : hvssystem@hvssystem.com Fax: 03 26 85 19 08, Tel : 03 26 82 49 29 Site web : www.hvssystem.com