

Lorem Ipsum is simply dummy text of the printing and typesetting industry. Lorem Ipsum has been the industry's standard dummy text ever since the 1500s, when an unknown printer took a galley of type and scrambled it to make a type specimen book. It is a long established fact that a reader will be distracted by the readable content of a page when looking at its layout.





## Please select your server version

- Plantscape Vista R400     Expersion Vista R301/HS R310     Experion HS R410
- Enterprise Building Integrator R410     Experion HS R400

Basic Info

Ethernet Info

Path Info

Assign Info

Save Info

## 1 HC900 Information

- Select Your HC900 Version:     2.4 or prior     4.X     6.X     7.X
- Select Your Modbus Map Strategy:     Fixed Map     Custom Map

[Partition Help](#)

## Hardware File Information

Do you want use a previously created .hdw flie?     Yes     No

Path:

 [Browse](#)

# 2

## 3 Connection Information

- Select your Connection Type:     Ethernet     Serial
- Redundant Networks (C70/C70R):     Yes     No

[Help](#)

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[Next](#)



Basic Info

Ethernet Info

Path Info

Assign Info

Save Info

## 4 Interface Information

Select your Interface:  Universal Modbus  HWIOPC  OPC  Generic Modbus

Redundant OPC Servers:  Yes  No

## 5 Configure Ethernet Channel

Please enter the following information:

Channel No.:  Channel Name:

Advanced

Note: Below details will when we select OPC option

Port:  Prog ID:

## 6 Configure Ethernet Controller(s)

Please enter the following information:

Controller No.:

Controller Name:

Offset (Hex):

IP Address: ...

IP Address2: ...

Advanced

Offset Help

Would you like to add an (additional) offset controller? An offset controller is required to communicate a specific range of Modbus address in the HC900.

Click on the Offset Help button to see a list of supported offset addresses.

Offset Controller:  Yes  No

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Basic Info

Ethernet Info

**Path Info**

Assign Info

Save Info

## 7 Save Hardware file

Select a path to save your hardware file to:

Path:

## Import csv file

Please select a csv file to import:

Import:

8

## 9 Add Points

Do you want to build all points in this project?

- Yes (Build all points)     No (Let me choose)

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Basic Info

Ethernet Info

Path Info

Assign Info

Save Info

# 10

## Choose database default settings

Analog scanrate:

Digital scanrate:

Area:

PV History Enabled

PV History Disabled

Fast

Standard

Extended

## Assign EU

Engineering units for PID loops & SP Programmers are not included as part of the csv file export. Would you like to assign them now?

# 11

Yes (I want to assign them now)

No (I'll do it later in Quickbuilder)

# 12

## Assign SPP PV Source

For SPP blocks, the source PV address and the source AUX PV address are not automatically assigned. These are required for SP profile pre-plot ranging and tracking. Would you like to assign them now?

Yes (I want to assign them now)

No (I'll do it later in Quickbuilder)

# 12

## Configure OPC Server Details

Please enter the following information:

OPC Server Device Group Name:

OPC Server Device Name:

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Basic Info

Ethernet Info

Path Info

Assign Info

Save Info

# 13

## Save the pnt file

select a path to save your pnt file to.

Path:

Browse

## Save the pnt file

Pnt file creation successfull

you may now import your hdw and pnt files into Quickbuilder for fine tuning.

view results page

# 14

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# HC900 Pointbuild Utility

## Hardware Results

Lorem Ipsum is simply dummy text of the printing and typesetting industry.  
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## Database point Results

The following point types will be built:

- 7 Analog Signal Tags
- 85 Digital Signal Tags
- 32 Analog Variable
- 32 Digital Variable
- 0 set Point Programmers
- the analog scan rate is 120 seconds
- the digital scan rate is 120 seconds

## Database point Results

A hdw file has been created in:  
C:\Users\Desktop\Pub files\test.hdw

A pnt file has been created in:  
C:\Users\Desktop\Pub files\test.pnt

Close

# Custom Map Partition Help

**When using the custom Modbus map please pay attention to the following guidelines:**

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Lorem Ipsum is simply dummy text of the printing and typesetting industry.

OK



# Generic Modbus Interface Warning

When using the Genernic Modbus interface please note the following:

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Lorem Ipsum is simply dummy text of the printing and typesetting industry. Lorem Ipsum has been the industry's standard dummy textever since the 1500s, when an unknown printer took a galley of type and scrambled it to .make a type specimen book.

Don't show this message again.

OK



## Advanced Channel Information:

Marginal Alarm Limit= 25

Write Delay= 0 millisecc

Fail Alarm Limit= 50

Connect Timeout= 10 seconds

Diagnostic Scan= 60

Read Timeout= 2 seconds

OK



# Advanced Controller Information:

Marginal Alarm Limit= 25

Fail Alarm Limit= 50

OK

# Help

Lorem Ipsum is simply dummy text of the printing and typesetting industry. Lorem Ipsum has been the industry's standard dummy text ever since the 1500s, when an unknown printer took a galley of type and scrambled it to make a type specimen book.

Lorem Ipsum is simply dummy text of the printing and typesetting industry. Lorem Ipsum has been the industry's standard dummy text ever since the 1500s, when an unknown printer took a galley of type and scrambled it to make a type specimen book.

OK

# Steps Skipped

Hardware file import successful! Skipping ahead to step 8

Don't show this message again.

[Details](#)



## Modbus Address Offset Help

Multiple virtual controllers, each supporting an address range of 2000(hex) are required to cover the full range of their Modbus addresses for the HC900 Controller.

HC900 Category	Offset	Comment
_PID Loops 1 - 24	0	Full mode support
_All Variables 1-600	0	N/C
_SP Programmers 1-4	0	Named acronyms only
_SP Programmers 5-8	N/A	Not Supported
_Signal Tags 1-1000	2000	N/C
_Signal Tags >1000	4000	Analog Points Only
_PID Loops 25 - 32	6000	Full mode support to loop 31 only

Close

# Channel Help

Plantscape/Expersion requires both a hardware channel & controller be built for communication with the HC900.

The next screen will require you to choose a name and a free Plantscape channel number for the hardware channel to be created.

There are several parameters in the advanced section that you may change, however the default settings are recommended.

Don't show this message again.

OK

# Controller Help

The next screen will require you to choose a name and a free Plantscape/Experion controller(RTU) number for the controller to be created.

There are several parameters in the advanced section that you may change, however the defaults settings are recommended.

Don't show this message again.

OK

# Hardware file saved!

Your Hardware file was successfully saved as:

C:\Users\Tom\Downloads\PUB files\hardware file  
to honeywell.com

OK

# CSV Import Help

When using the fixed Modbus map the following csv export files are supported:

- Signal Tag Report
  - Variable Report
  - Signal Tag & Variable Report
  - Summary Function Block Report
- Don't show this message again.

OK

# CSV Import Help

When using the custom Modbus map the following csv files are supported:

- Signal Tag Partition Report(default name: Signal Tags 1-1000)
- Variable Partition Report(default name: Variables 1-600)
- Combined Signal Tag and Variable Partition Report(user-defined)
- PID Loop Partition Report(user-defined)
- SPP Partition Report(default name: SP Programmers 1-4)
- Summary Function Block Report

Don't show this message again.

OK

# Import CSV file

91 Signal tags and 65 Variables have been Imported.

Do you want to import another csv file?

Yes

No

# Steps Skipped

Skipping ahead to step13.

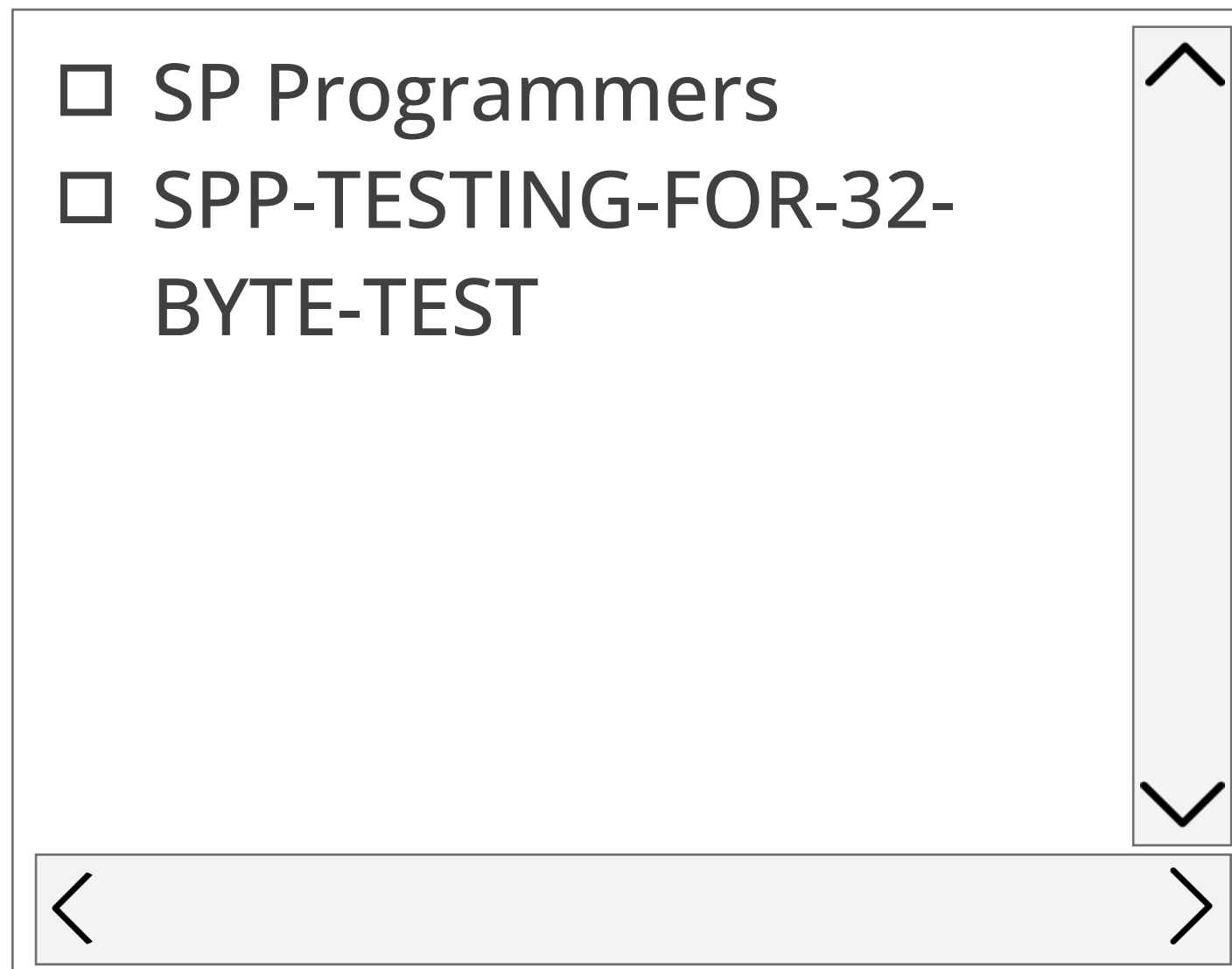
Don't show this message again.

OK

# EU Configuration

## Select Tag

SP Programmers  
 SPP-TESTING-FOR-32-BYTE-TEST



## Enter EU

## Click

Add

## Options

- Clear checkboxes after setting engineering units.
- Retain checkboxes after setting engineering units.

Finished

# Set Point Programmer Configuration

Select a PID Loop or Signal Tag

Copy to the desired source

PID Loops  
 Signal Tags

^

∨

< >

SPP-TESTING-FOR-TEST	<input type="text"/>	PV Source
	<input type="text"/>	AUX Source
Not Configured	<input type="text"/>	PV Source
	<input type="text"/>	AUX Source
Not Configured	<input type="text"/>	PV Source
	<input type="text"/>	AUX Source
Not Configured	<input type="text"/>	PV Source
	<input type="text"/>	AUX Source

**Finished**

# PNT file saved!

Your PNT file was successfully saved as:

C:\Users\Tom\Downloads\PUB files\PNT file  
to honeywell.com

OK



**Want to Quit the Process!**

**Yes**

**No**

Hide All messages

Resect Message Flags

Resect Server Version

Save ini File

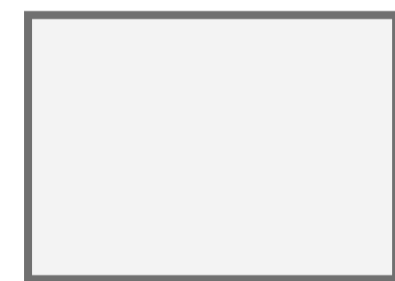
---

Help

About

# Color & Fonts Details

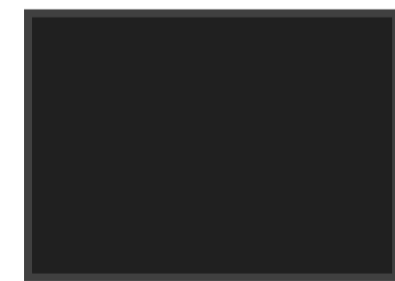
## Color Details



Background - #F3F3F3



Left pannel - #404040



Menu selected pannel - #202020



Button - #1B99D6



Menu Left selected pannel - #1B99D6

## Font Details

Honeywell -

Open Sans - 45px Bold

Point Bilder Utility -

Open Sans - 35px SemiBold

Left side menu -

Open Sans - 28px SemiBold

Left side down -

Open Sans - 26px Medium italic

Body Heading -

Open Sans - 28px Bold

Normal content1 -

Open Sans - 26px Medium

Normal content2 -

Open Sans - 24px Medium

Main Buttons -

Open Sans - 30px Bold

Browse & Other Buttons -

Open Sans - 22px SemiBold

Numbers -

Open Sans - 112px Bold

Popup heading-

Open Sans - 50px Bold

Popup Content-

Open Sans - 34px medium

Popup Sub heading-

Open Sans - 40px Bold