Technical Announcement

Product Category	DOP-HMI	Model(s)	DOP-B DOP-AE	Security Classification	☑General ☐Confidential ☐Top-secret
				ECN No.	N/A
Issued by	HMI SAR Division	Author(s)	Tina Lee	Issue No.	HM11061700
				Released Date	2011/06/17
Recipient	HMI Product Manager, BU Sales Representive, RMA, DGC, DPS, DESG, DEN, DPR, DEK, DEJ				

Abstract:

The HMI team is pleased to announce the immediate release of DOP-eServer 1.00.11. This release is an improvement, which includes new features, bug fixes and enhancements.

Enhancements and Fixes in DOP-eServer 1.00.11:

1. Support Firmware version v3.0020 for DOP-B series network type.
2. Support Firmware version v1.08C for DOP-AE Series.
3. Add new function for fixed mode of Export Recipe could select CSV file.
4. Add new function for Import of Recipe with fixed and variance mode all could select CSV format to save.
5. Add new function for Import of Recipe on fixed and variance mode with extension when HMI import recipe file to PC.
6. Add new function for Export of Recipe when change file content without disconnect eServer and HMI connection.
7. Add new function for Excel data logging with 『Clear the existing logging data for next cycle』.
8. Correct eServer at Spanish Operating System cannot write data to Excel.
9. Correct if use figure with Excel template will occur eServer have abnormal shut.
10. Correct when go to Excel Wizard and without any setting then press cancel will occur eServer cannot close with press "X".
11. Correct after trigger "Falling edge" and "Rising edge" at the same time, stop logging will occur HMI crashed.
12. Correct if eRemote connect with HMI first, then execute eServer connect with HMI, the eServer will not create the connection.
13. Correct the Excel data logging with 『Auto save』 behavior.

Software Download Link:

http://www.delta.com.tw/product/em/download/download_main.asp?act=3&pid=3&cid=2&tpid=3

Remark:

The model(s):

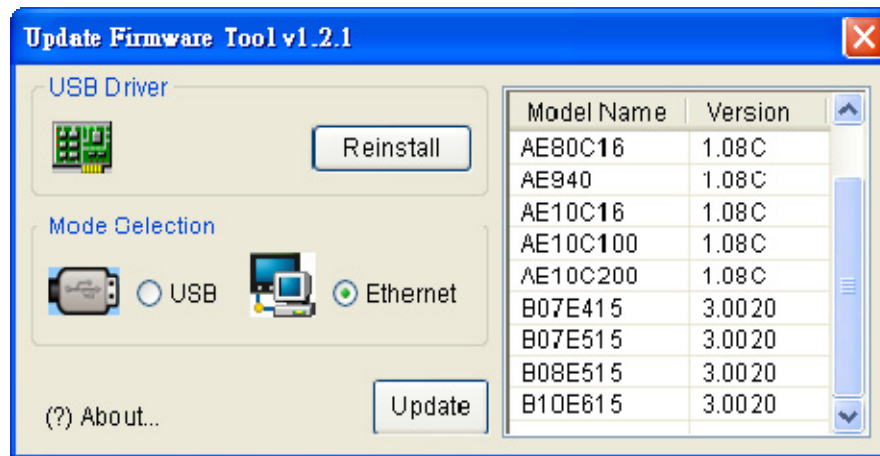DOP-B10E615, DOP-B07E415, DOP-B07E515, DOP-B08E515,DOP-AE series

Further details:

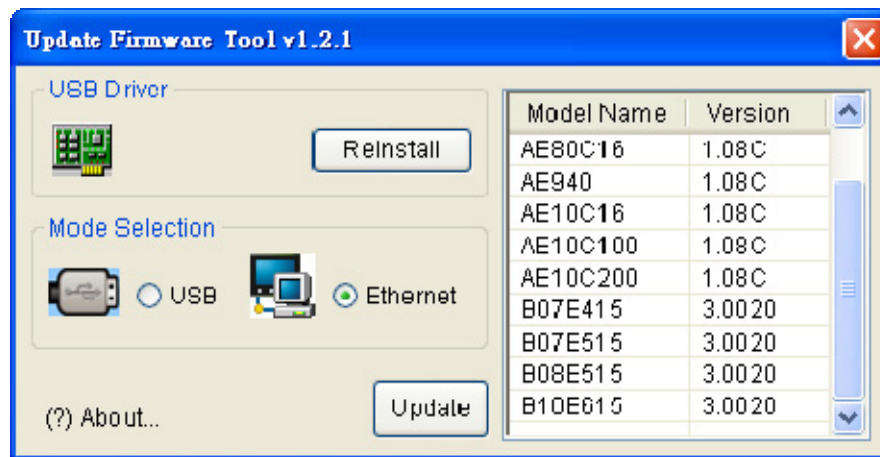Any further details related to this release will be notified later.

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Description:
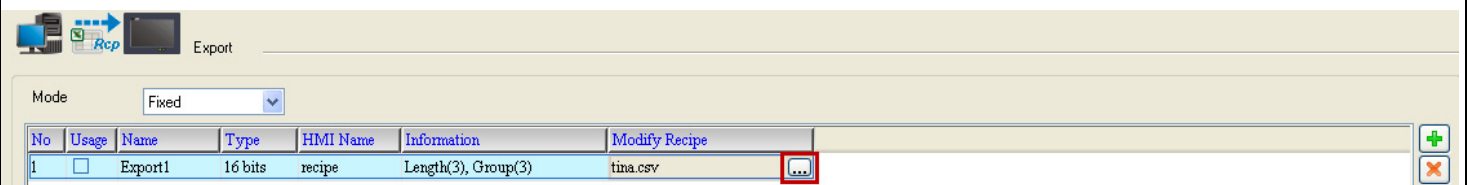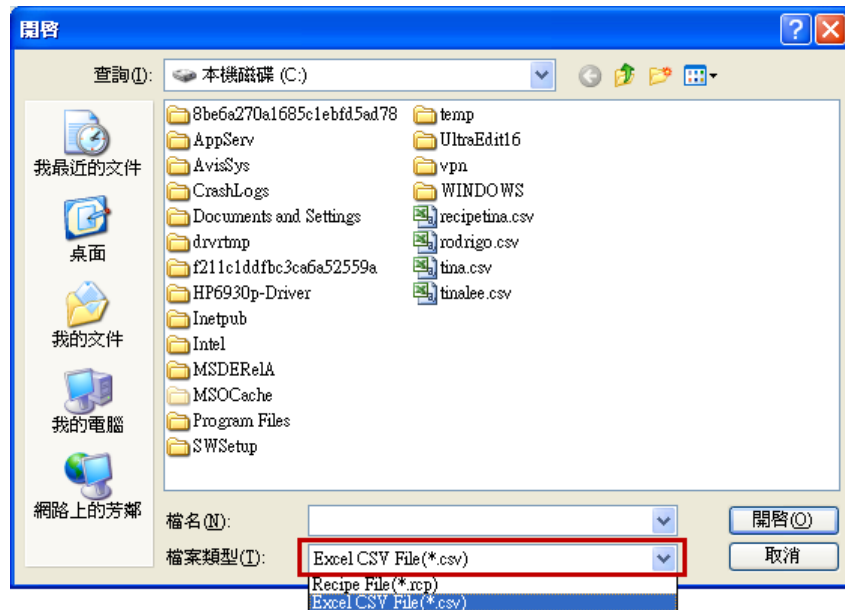
1. Support Firmware version v3.0020 for DOP-B network type

2. Support Firmware version v1.08C for DOP-AE Series

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3. Add new function for fixed mode of Export Recipe could select CSV file.

Step1. Start eServer, select Recipe function.

Step2. Add new node and choose fixed mode of Export at Setting page, please press the ⊞ button to select CSV file to export to HMI.

No	Usage	Name	Type	HMI Name	Information	Modify Recipe	
1	☐	Export1	16 bits	recipe	Length(3), Group(3)	tina.csv [...]	

After select the CSV file, if user would like to change the file content, please press the 🔲 button, it will popup the Excel windows for edit.
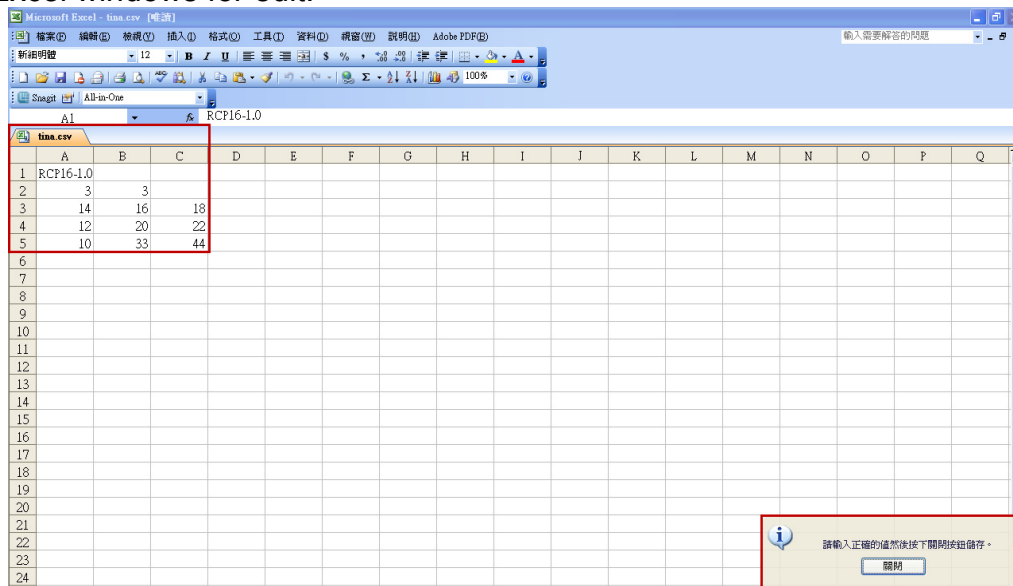
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4. Add new function for Import of Recipe with fixed and variance mode all could select CSV format to save.

eServer add new column for 【Format】could let user select what you want to save to CSV or RCP file.

No	Usage	Name	Type	HMI Name	File Name	File Name Length	Format		Controller	Destination Path
1	☑	Import16(1)	16 bits	recipe	$100	10	RCP	▼	Internal Memory	C:\Documents and Settings\tina.q.lee.T
2	☐	Import32(1)	32 bits	recipe	None	1	RCP			
							CSV			

Mode: Variance

Mode: Fixed

No	Usage	Name	Type	HMI Name	File Name	Format		Destination Path
1	☑	Import16(1)	16 bits	recipe	Tina_%H%M	RCP	▼	C:\Documents and Settings\tina.q.lee.TW
2	☐	Import32(1)	32 bits	recipe	Import32_%H%M	RCP		
						CSV		

5. Add new function for Import of Recipe on fixed and variance mode with extension when HMI import recipe file to PC.

Mode: Variance

No	Usage	Name	Type	HMI Name	File Name	File Name Length	Format		Controller	Destination Path
1	☑	Import16(1)	16 bits	recipe	$100	10	RCP	▼	Internal Memory	C:\Documents and Settings\tina.q.lee.T
2	☐	Import32(1)	32 bits	recipe	None	1	RCP			
							CSV			

Select CSV：When user select CSV to save to Destination Path, the file name is .CSV.

Select RCP：When user select RCP to save to Destination Path, the file name is .RCP.

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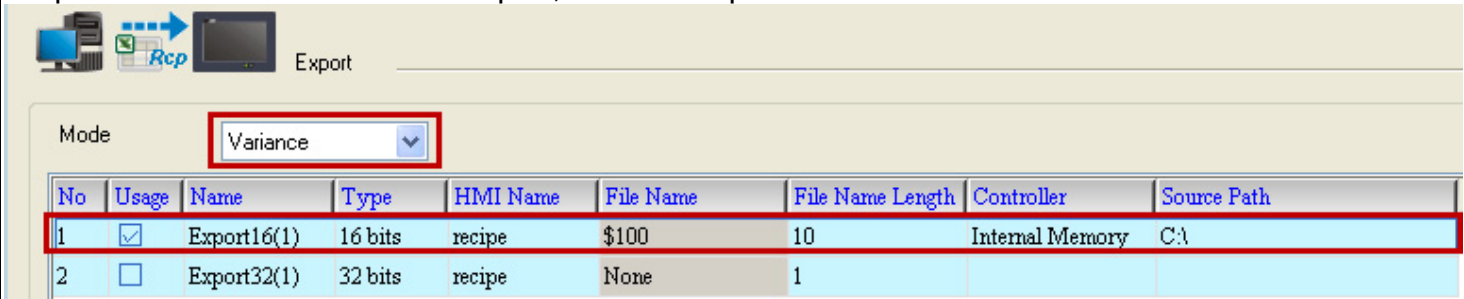追求卓越

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6. Add new function for Export of Recipe when change file content without disconnect eServer and HMI connection.

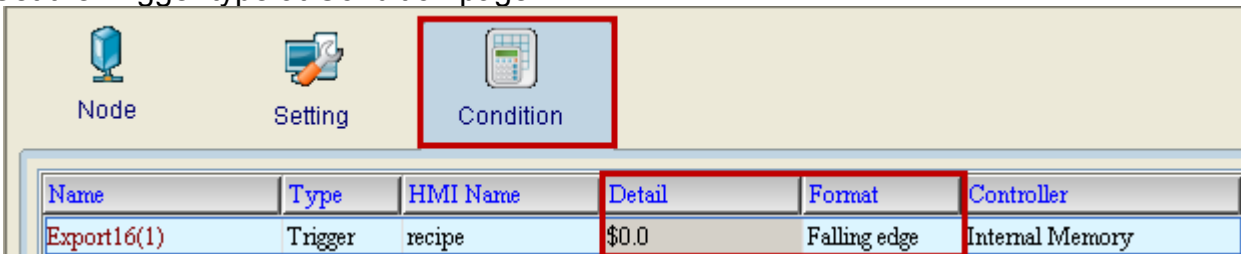Step1. Start DOPSoft, edit recipe screen as below figure.
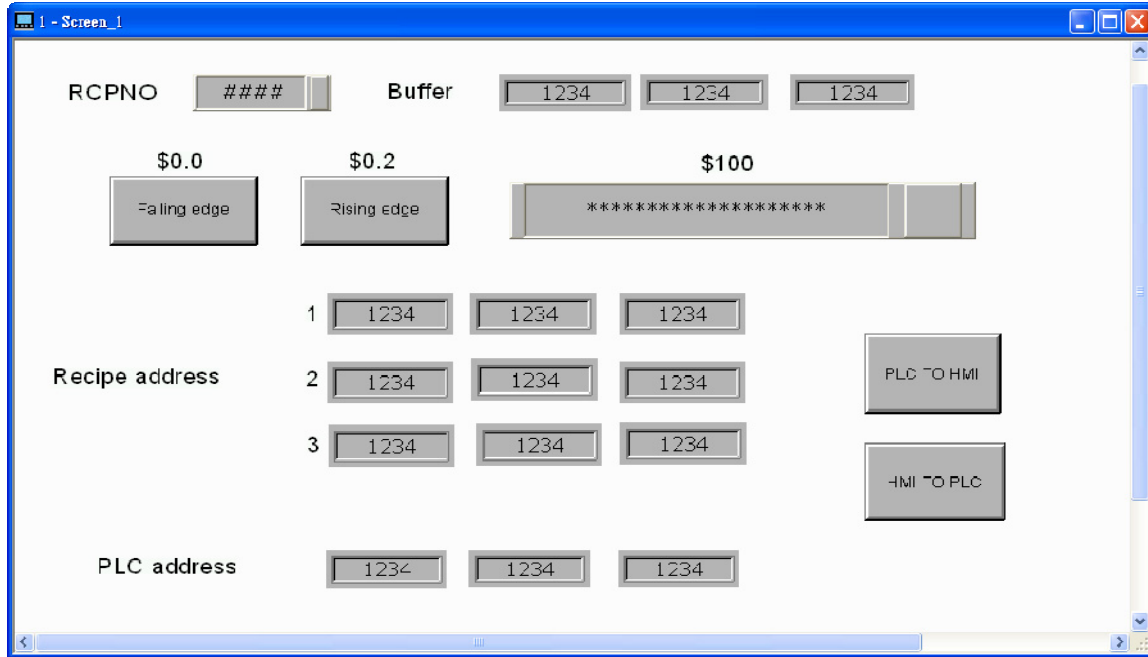
Step2. Start eServer, select Recipe function.
Step3. Select variance mode of Export, set related parameter as below.

No	Usage	Name	Type	HMI Name	File Name	File Name Length	Controller	Source Path
1	☑	Export16(1)	16 bits	recipe	$100	10	Internal Memory	C:\
2	☐	Export32(1)	32 bits	recipe	None	1		

Step4. Set the Trigger type at Condition page.

Name	Type	HMI Name	Detail	Format	Controller
Export16(1)	Trigger	recipe	$0.0	Falling edge	Internal Memory

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Step5. When execute eServer, it will popup Translated window to ask user translate CSV file under C:\ path.
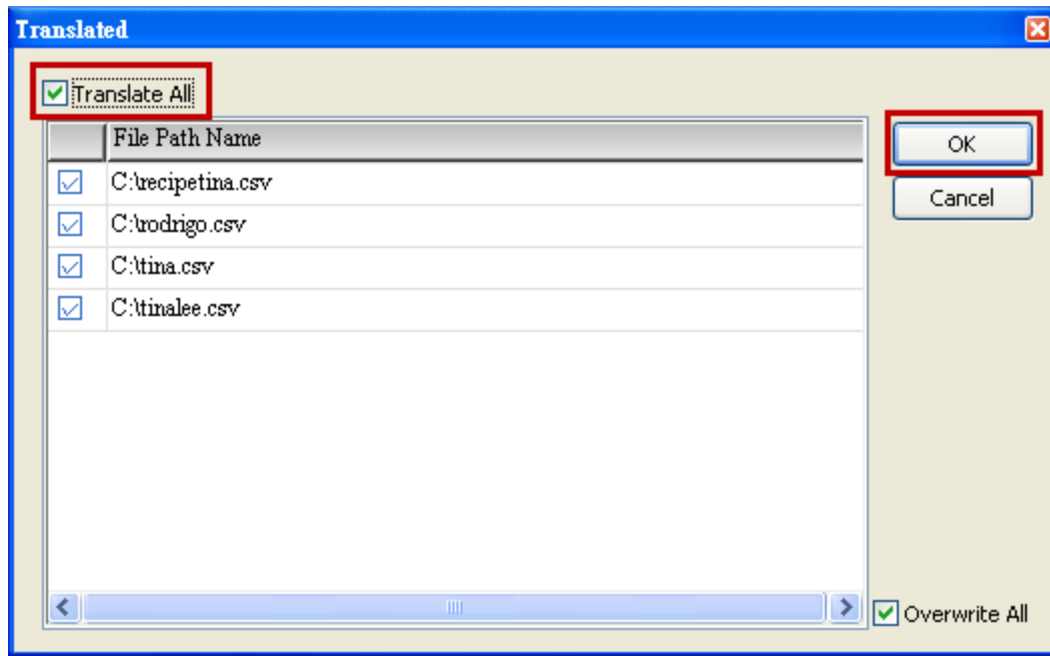
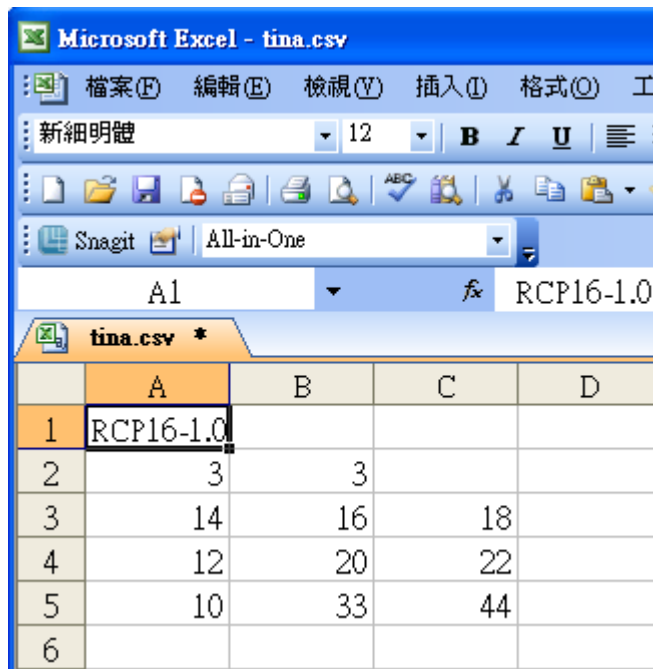

Step6. Please input the password, the password is setting by DOPSoft at【Options】→【Communication Setting】→【Ethernet】→【LocalHost】page, user could change the password, the default password is 12345678。

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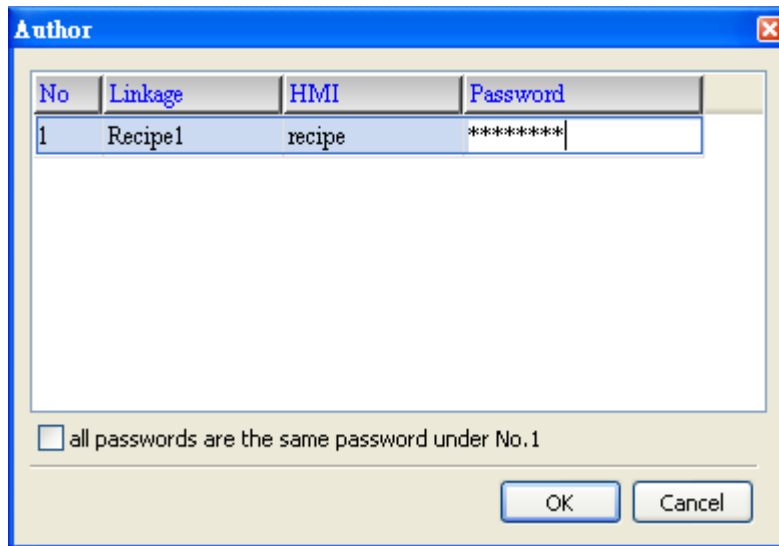
Step7. After input password, please use the Numeric Entry element $100 and type 『TINA』 (this is tina.csv file at Step5.), then trigger $0.0 Falling Edge button, the HMI show the recipe file value will be the same with tina.csv.

The recipe value of HMI is equal to tina.csv file value. As below is tina.csv file content：
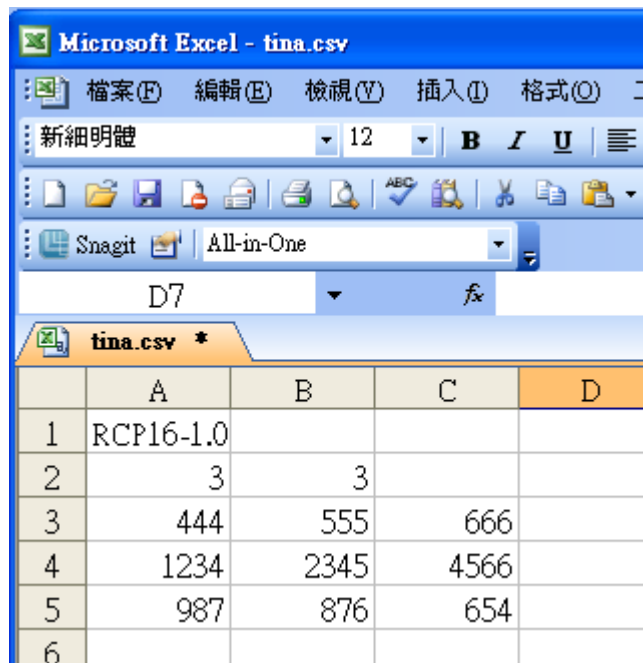
Step8. If user would like to change the recipe value, the old eServer version have to disconnect the eServer with HMI, then reconnect eServer to export the CSV file to HMI. Now, user just only edit Tina.csv under C:\ path then save it, and trigger $0.0 Falling Edge button that the recipe value will be changed.
As below is changed file of Tina.csv：

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7. Add new function for Excel data logging with 『Clear the existing logging data for next cycle』.
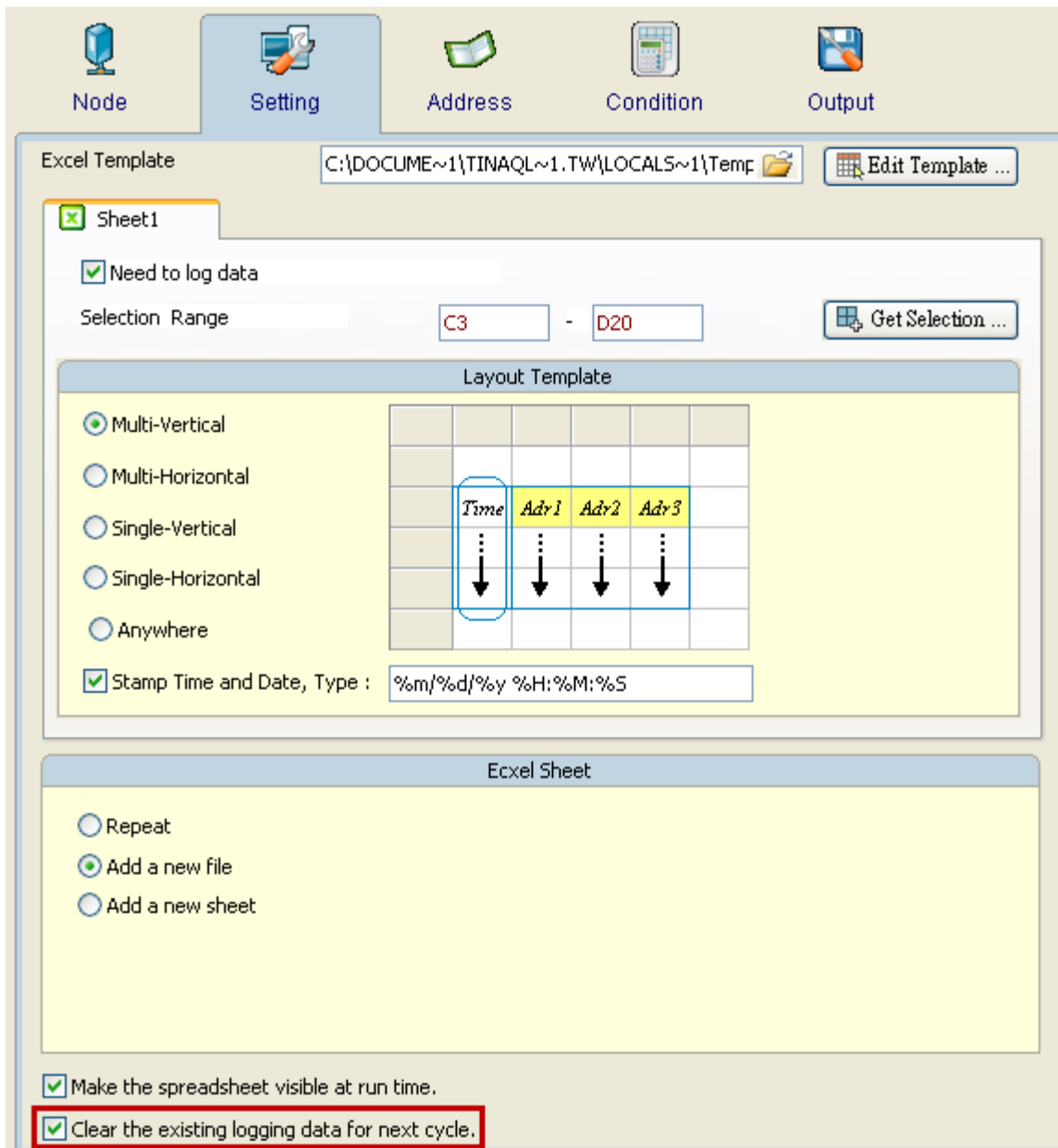
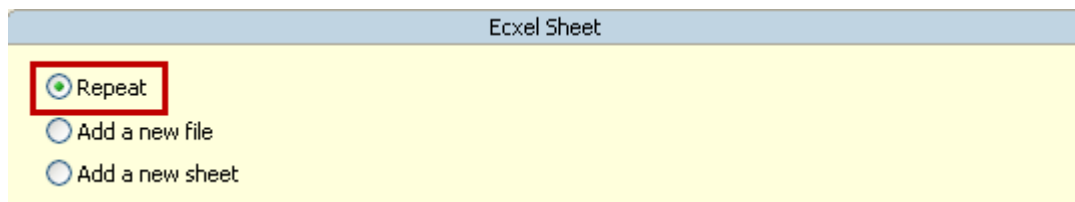Below will introduce 【Repeat】、【Add a new file】、【Add a new sheet】collocation 『Clear the existing logging data for next cycle』.

➢ Repeat：

Start eServer to execute Excel data logging, if user check this Repeat option, it means after fill with the arrange data area at sheet, it will repeat the data at the same sheet. Before next cycle start logging that it will clear the fill with data.

The first cycle fill with data in arrange area：

	A	B	C	D	E
1		Daily Report			
2		Time	Data1	Data2	Data Average
3		05/31/2011 11:52:14	52823	27397	40110
4		05/31/2011 11:52:40	53075	28153	40614
5		05/31/2011 11:52:41	53085	28183	40634
6		05/31/2011 11:52:42	53096	28216	40656
7		05/31/2011 11:52:43	53106	28246	40676
8		05/31/2011 11:52:44	53117	28279	40698
9		05/31/2011 11:52:45	53127	28309	40718
10		05/31/2011 11:52:46	53137	28339	40738
11		05/31/2011 11:52:48	53148	28372	40760
12		05/31/2011 11:52:49	53158	28402	40780
13		05/31/2011 11:52:50	53169	28435	40802
14		05/31/2011 11:52:51	53179	28465	40822
15		05/31/2011 11:52:52	53190	28498	40844
16		05/31/2011 11:52:53	53200	28528	40864
17		05/31/2011 11:52:54	53211	28561	40886
18		05/31/2011 11:52:55	53221	28591	40906
19		05/31/2011 11:52:56	53231	28621	40926
20		05/31/2011 11:52:57	53242	28654	40948

Clear the existing data logging at next cycle：

	A	B	C	D	E
1		Daily Report			
2		Time	Data1	Data2	Data Average
3		05/31/2011 11:53:18	53440	29248	41344
4					#DIV/0!
5					#DIV/0!
6					#DIV/0!
7					#DIV/0!
8					#DIV/0!
9					#DIV/0!
10					#DIV/0!
11					#DIV/0!
12					#DIV/0!
13					#DIV/0!
14					#DIV/0!
15					#DIV/0!
16					#DIV/0!
17					#DIV/0!
18					#DIV/0!
19					#DIV/0!
20					#DIV/0!

➢ Add a new file：

Start eServer to execute Excel data logging, if user check this Add a new file option, it means after fill with the arrange data area at sheet, it will append a new file to Destination Path, and before next cycle start logging that it will clear the fill with data.

The first cycle fill with data in arrange area：

	A	B	C	D	E
			eServer_excel_Excel11		
1		Daily Report			
2		Time	Data1	Data2	Data Average
3		05/31/2011 12:28:09	7860	23580	15720
4		05/31/2011 12:28:10	7871	23613	15742
5		05/31/2011 12:28:11	7881	23643	15762
6		05/31/2011 12:28:13	7892	23676	15784
7		05/31/2011 12:28:14	7902	23706	15804
8		05/31/2011 12:28:15	7913	23739	15826
9		05/31/2011 12:28:16	7923	23769	15846
10		05/31/2011 12:28:17	7933	23799	15866
11		05/31/2011 12:28:19	7951	23853	15902
12		05/31/2011 12:28:20	7962	23886	15924
13		05/31/2011 12:28:21	7972	23916	15944
14		05/31/2011 12:28:22	7982	23946	15964
15		05/31/2011 12:28:23	7993	23979	15986
16		05/31/2011 12:28:24	8003	24009	16006
17		05/31/2011 12:28:25	8014	24042	16028
18		05/31/2011 12:28:26	8024	24072	16048
19		05/31/2011 12:28:28	8035	24105	16070
20		05/31/2011 12:28:29	8045	24135	16090

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Clear the existing data logging at next cycle, and add a new file to Destination Path：

	A	B	C	D	E
1		Daily Report			
2		Time	Data1	Data2	Data Average
3		05/31/2011 12:28:49	8243	24732	16487.5
4		05/31/2011 12:28:50	8254	24762	16508
5					#DIV/0!
6					#DIV/0!
7					#DIV/0!
8					#DIV/0!
9					#DIV/0!
10					#DIV/0!
11					#DIV/0!
12					#DIV/0!
13					#DIV/0!
14					#DIV/0!
15					#DIV/0!
16					#DIV/0!
17					#DIV/0!
18					#DIV/0!
19					#DIV/0!
20					#DIV/0!

eServer_excel_Excel11

➢ Add a new sheet：

Start eServer to execute Excel data logging, if user check this Add a new sheet option, it means after fill with the arrange data area at sheet, it will append a new sheet, and before next cycle start logging that it will clear the fill with data.

The first cycle fill with data in arrange area：

	A	B	C	D	E
1		Daily Report			
2		Time	Data1	Data2	Data Average
3		05/31/2011 12:28:09	7860	23580	15720
4		05/31/2011 12:28:10	7871	23613	15742
5		05/31/2011 12:28:11	7881	23643	15762
6		05/31/2011 12:28:13	7892	23676	15784
7		05/31/2011 12:28:14	7902	23706	15804
8		05/31/2011 12:28:15	7913	23739	15826
9		05/31/2011 12:28:16	7923	23769	15846
10		05/31/2011 12:28:17	7933	23799	15866
11		05/31/2011 12:28:19	7951	23853	15902
12		05/31/2011 12:28:20	7962	23886	15924
13		05/31/2011 12:28:21	7972	23916	15944
14		05/31/2011 12:28:22	7982	23946	15964
15		05/31/2011 12:28:23	7993	23979	15986
16		05/31/2011 12:28:24	8003	24009	16006
17		05/31/2011 12:28:25	8014	24042	16028
18		05/31/2011 12:28:26	8024	24072	16048
19		05/31/2011 12:28:28	8035	24105	16070
20		05/31/2011 12:28:29	8045	24135	16090

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Clear the existing data logging at next cycle, and add a new sheet：

eServer_excel_Excel11

	A	B	C	D	E
1		Daily Report			
2		Time	Data1	Data2	Data Average
3		05/31/2011 13:56:19	58338	43942	51140
4		05/31/2011 13:56:20	58348	43975	51161.5
5		05/31/2011 13:56:21	58359	44005	51182
6					#DIV/0!
7					#DIV/0!
8					#DIV/0!
9					#DIV/0!
10					#DIV/0!
11					#DIV/0!
12					#DIV/0!
13					#DIV/0!
14					#DIV/0!
15					#DIV/0!
16					#DIV/0!
17					#DIV/0!
18					#DIV/0!
19					#DIV/0!
20					#DIV/0!
21					
22					
23					
24					
25					
26					

\ llSheet1 \ llSheet2 /

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8. Correct eServer at Spanish Operating System cannot write data to Excel.

Before：
Due to Row and Column at Excel of Spanish Operating System is not equal to R1C1 at English Operating System, in Spanish is F1C1. Therefore, when data logging to Excel, it will always ask user cancel the Excel Focus message.
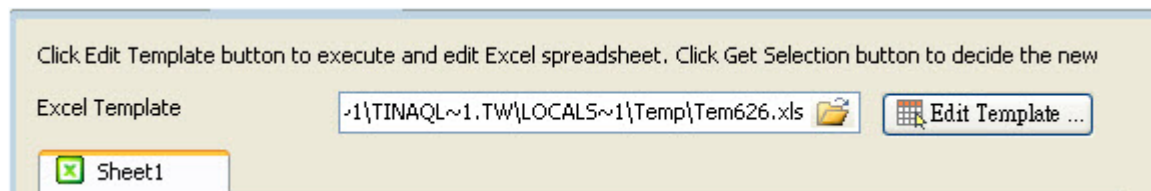
After：
It could write data to Excel normally.

9. Correct if use figure with Excel template will occur eServer have abnormal shut.
Before：

Step1. Start eServer, select Excel function。

Step2. Press Edit Template and create figure or table or follow the Wizard to edit Excel Template to create figure or table.


Step3. After execute eServer, Excel will not show figure or table and caused eServer abnormal shut.

After：

Could use figure or table function and did not caused eServer abnormal shut.

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10. Correct when go to Excel Wizard and without any setting then press cancel will occur eServer cannot close with press "X".

When follow Excel Wizard at first, press the Cancel button, then will go back to eServer interface then press top-right hand corner and could not close the eServer.
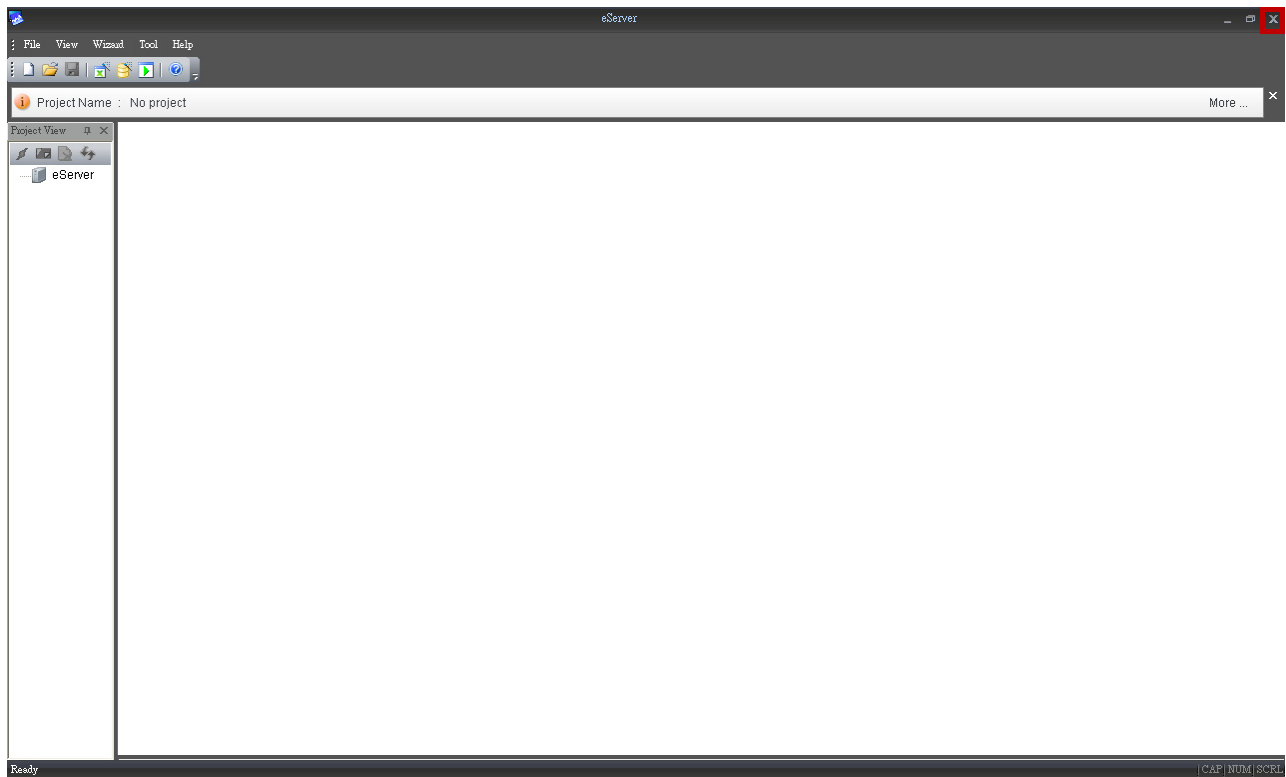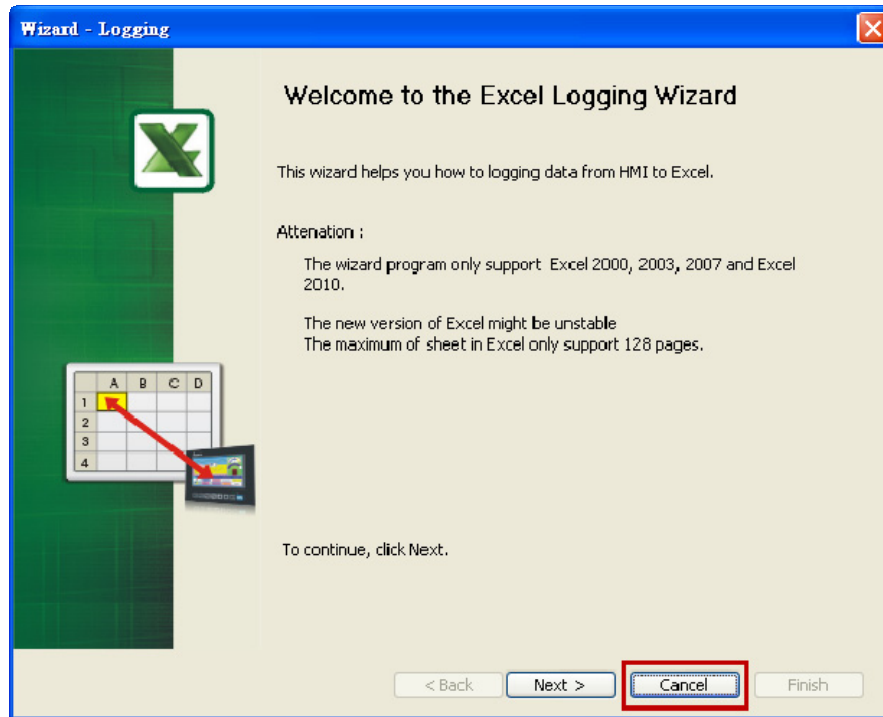
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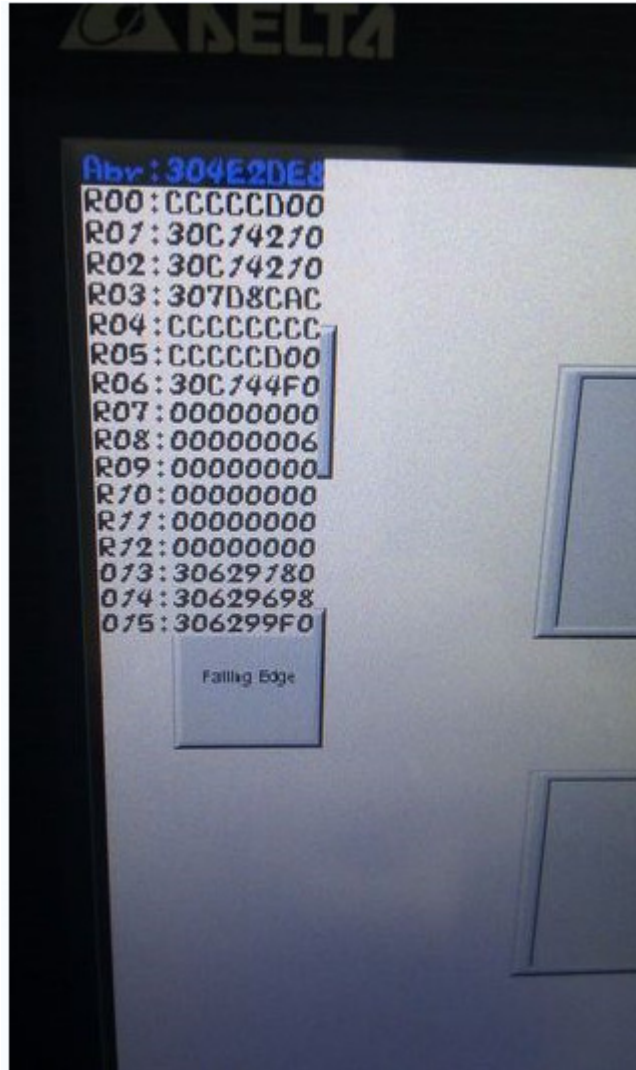11. Correct after trigger "Falling edge" and "Rising edge" at the same time, stop logging will occur HMI crashed.

When create two conditions for Falling edge and Rising edge, after execute eServer to trigger and stop eServer will occur HMI crashed.

Before：
Step1. Start eServer, select Excel function.
Step2. At Condition page, create one for Falling edge, another for Rising edge to trigger.
Step3. After execute eServer and trigger Falling edge and Rising edge button, please stop eServer to cancel data logging, then the HMI will occur crashed.

After：
HMI had already trigger Falling edge and Rising edge at the same time and did not occur HMI crashed.

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12. Correct if eRemote connect with HMI first, then execute eServer connect with HMI, the eServer will not create the connection.

Before：

Step1. Start eRemot, searing the same domain HMI and connect.

Step2. Start eServer, select the connect with eRemote of HMI, then eServer will not create the connection with HMI.

But if start eServer to connect with HMI at first, then start eRemote to connect the same HMI, the result is normally.

After：

It could connect normally.

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13. Correct the Excel data logging with 『Auto save』 behavior.

Auto save function correct the behavior to temporal data and did not according to set the time of auto save to create file. It have to wait the arrange data area for fill with and then will create a file. The created file according to Excel sheet select to Repeat or Add a new file or Add a new sheet.

Auto save include Period and Fixed. 『Period』 is setting by user and if auto save time is one minute, means every one minute will save file and according to Excel sheet to Repeat or Add a new file or Add a new sheet.

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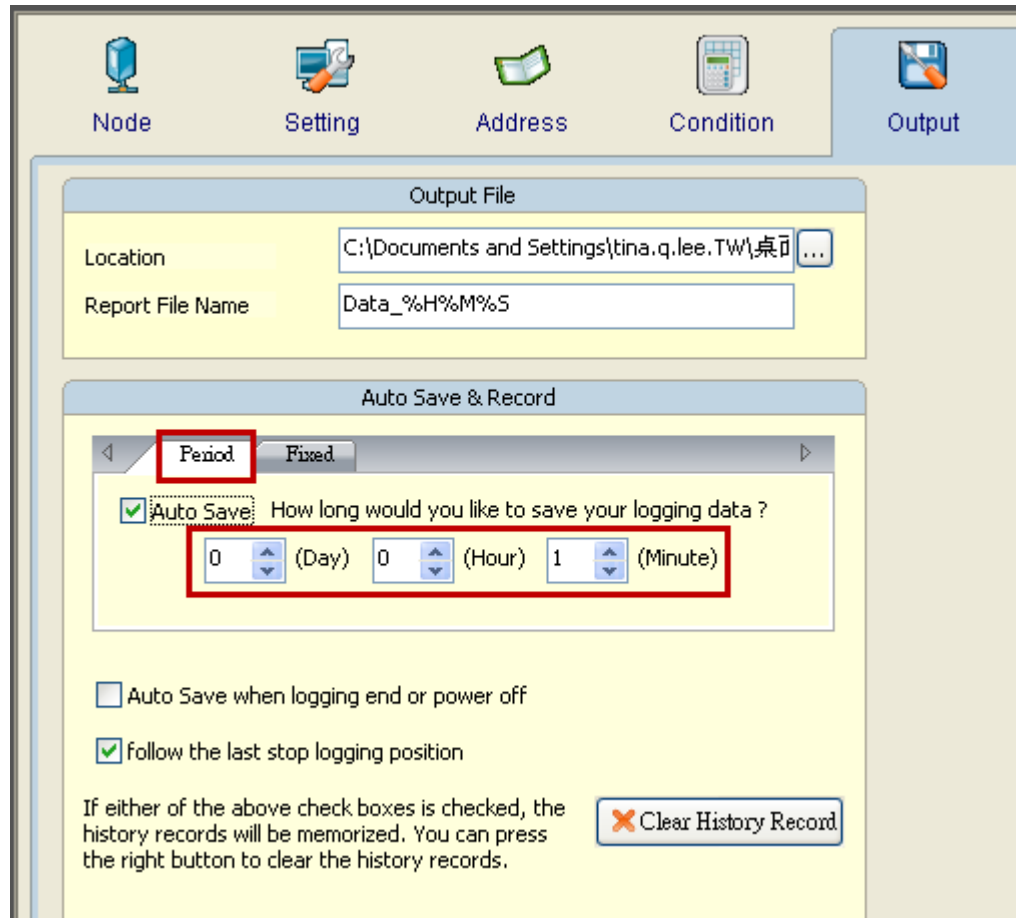
『Fixed』is 24 hours set. One day only auto save data one times. If set the fixed time for 15 hour 0 minute, then eServer will auto save the file at 15:00. It also according to Excel sheet to Repeat or Add a new file or Add a new sheet.

Condition：
Repeat Excel sheet，**Every 20 second logging data**，**Auto save time is one minute**，**Arrange data area is 18**.

Data will every 20 second logging data, when data logging to the third just one minute so will append a file to destination path. When fill with the data area, the data will overwrite at the same file.

Data logging to the third data then stop data logging. Re-execute eServer and it will data logging to the fourth data.

	A	B	C	D	E
		eServer_excel_Excel11			
1		Daily Report			
2		Time	Data1	Data2	Data Average
3		06/01/2011 13:41:50	19567	58701	39134
4		06/01/2011 13:42:10	19757	59271	39514
5		06/01/2011 13:42:30	19948	59844	39896
6		06/01/2011 13:42:50	20140	60420	40280
7		06/01/2011 13:52:32	25711	11597	18654
8		06/01/2011 13:52:51	25890	12134	19012
9		**Data logging to the fourth data, it will**			#DIV/0!
10		**not clear existing data.**			#DIV/0!
11					#DIV/0!
12					#DIV/0!
13					#DIV/0!
14					#DIV/0!
15					#DIV/0!
16					#DIV/0!
17					#DIV/0!
18					#DIV/0!
19					#DIV/0!
20					#DIV/0!

Condition：
Add a new file，**Every 10 second logging data**，**Auto save time is one minute**，**Check『follow the last stop logging position』**，**Arrange data area is 18.**

Data will every 10 second logging data, when data logging to the sixth then stop Excel logging, and will append a new file at destination path. When fill with the data area, the data will append a new file at the destination path

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	A	B	C	D	E
1		Daily Report			
2		Time	Data1	Data2	Data Average
3		05/31/2011 17:18:19	42922	63230	53076
4		05/31/2011 17:18:28	43015	63509	53262
5		05/31/2011 17:18:38	43111	63797	53454
6		05/31/2011 17:18:49	43207	64085	53646
7		05/31/2011 17:18:59	43303	64373	53838
8		05/31/2011 17:19:09	43399	64661	54030
9					#DIV/0!
10		**Next time execute eServer will record this position**			#DIV/0!
11		**and start data logging.**			#DIV/0!
12					#DIV/0!
13					#DIV/0!
14					#DIV/0!
15					#DIV/0!
16					#DIV/0!
17					#DIV/0!
18					#DIV/0!
19					#DIV/0!
20					#DIV/0!

Stop Excel data logging then execute eServer, the existing data will not clear and data logging will keep the last record and continue logging data.

	A	B	C	D	E
			eServer_excel_Excel11		
1			Daily Report		
2		Time	Data1	Data2	Data Average
3		05/31/2011 17:18:19	42922	63230	53076
4		05/31/2011 17:18:28	43015	63509	53262
5		05/31/2011 17:18:38	43111	63797	53454
6		05/31/2011 17:18:49	43207	64085	53646
7		05/31/2011 17:18:59	43303	64373	53838
8		05/31/2011 17:19:09	43399	64661	54030
9		05/31/2011 17:19:50	43790	298	22044
10					#DIV/0!
11		Keep last data record and contiune data logging			#DIV/0!
12		and will not clear the existing data.			#DIV/0!
13					#DIV/0!
14					#DIV/0!
15					#DIV/0!
16					#DIV/0!
17					#DIV/0!
18					#DIV/0!
19					#DIV/0!
20					#DIV/0!

品質至上
信賴第一
追求卓越

QUANTITY
RELIABLITY
EXCELLENT