

# Advantech AE Technical Share Document

Date	2016 / 1 / 10	SR#	
Category	<input checked="" type="checkbox"/> FAQ <input type="checkbox"/> SOP	Related OS	Microsoft Windows7
Abstract	How to Modify WebAccess Default Datalog Trend Template		
Keyword	WebAccess, Datalog Trend, Description		
Related Product	N/A		

**■ Problem Description:**

WebAccess default datalog trend template is dlogtrd.bxx and dlogtrd.dxx.

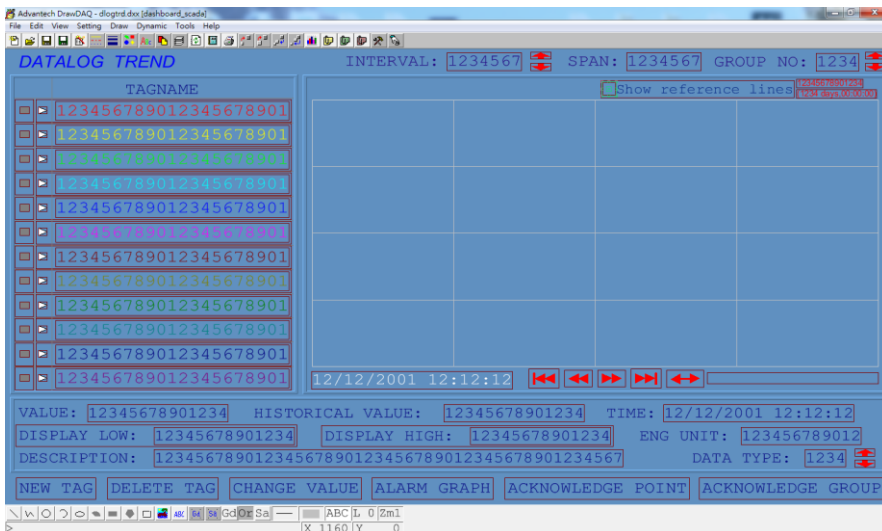
In this FAQ, user will learn following skills:

- How to add timestamp and tag range in X and Y Axis
- How to display tag description instead of tag name
- No data in Datalog Trend

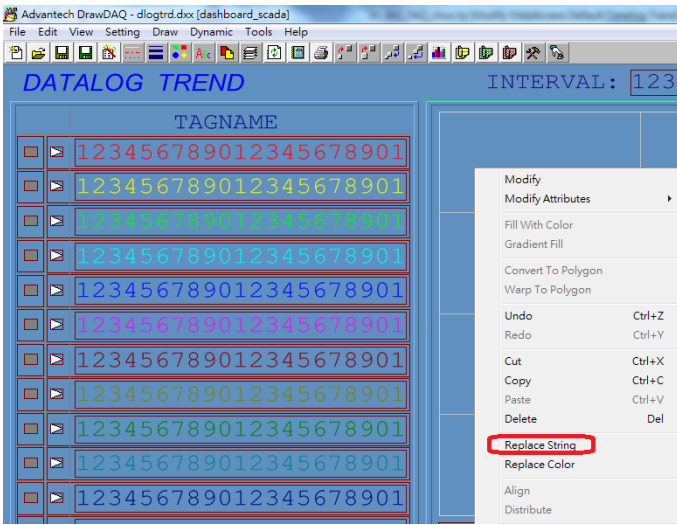


**■ Brief Solution - Step by Step:**

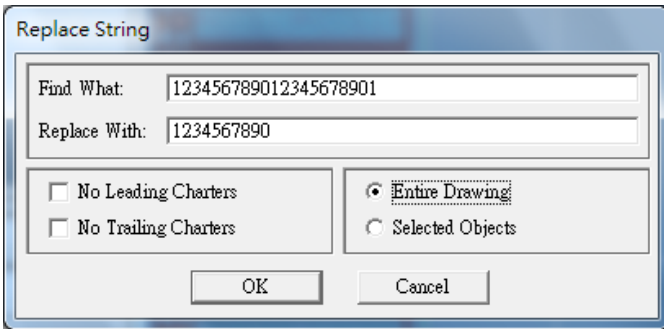
1. Retrieve dlogtrd.dxx in DrawDAQ



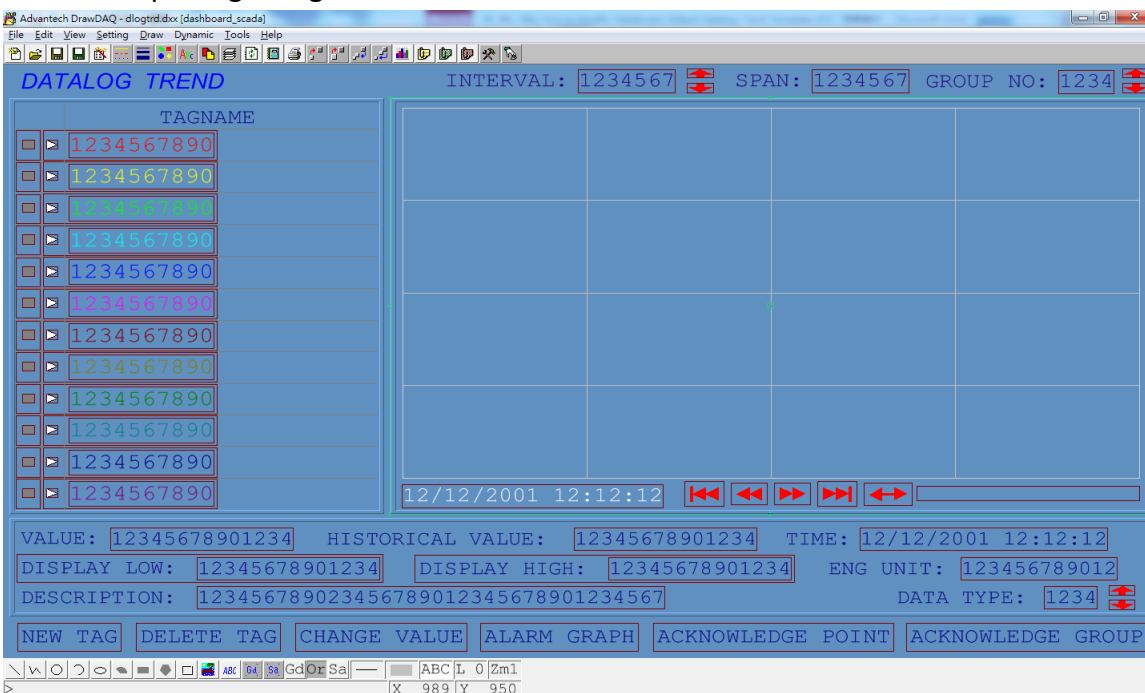
- To get more space for Y axis, user has to shorter tag name space.  
Click right button of mouse and select "Replace String"



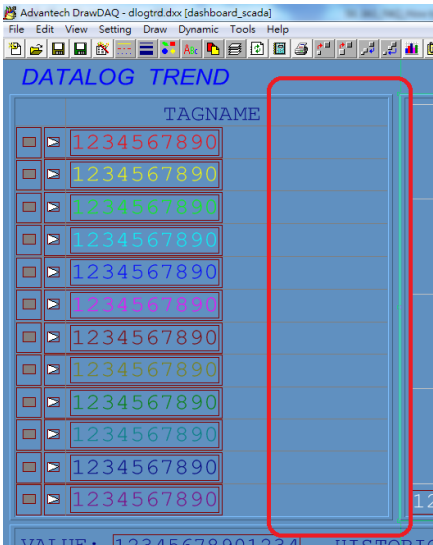
- Enter "123456789012345678901" in Find What  
Enter "1234567890" in Replace With  
Then click "OK"



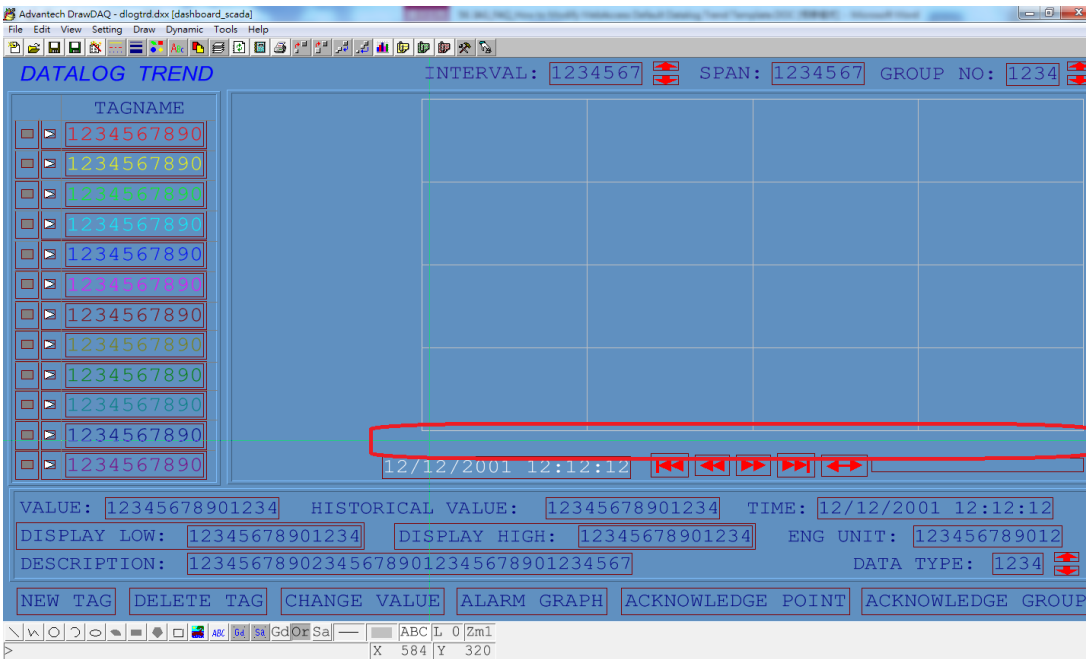
## Result of replacing string



4. Adjust frame and line in tag name.



5. Make graph smaller so we may put time in X axis

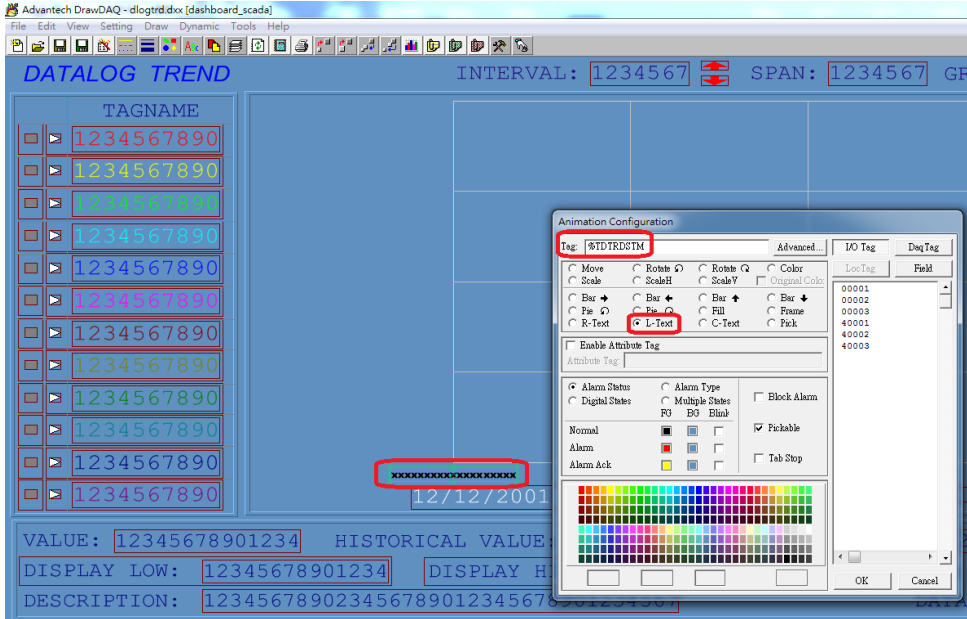


6. To display full date and time, user will need create a string of 19 characters e.g. 19 characters for "2016/01/11 13:13:18"

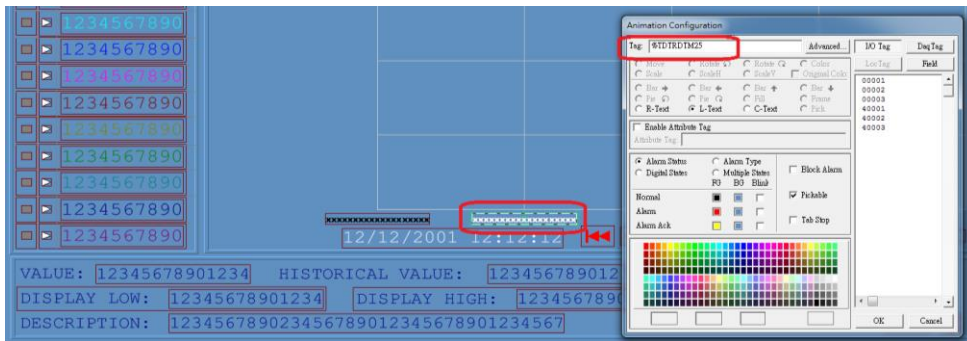
7. Macro for adding time in X-axis:

- Start Time: %TDTRDSTM
- 25% of Time: %TDTRDTM25
- 50% of Time: %TDTRDTM50
- 75% of Time: %TDTRDTM75
- 100% of Time: %TDTRDETM

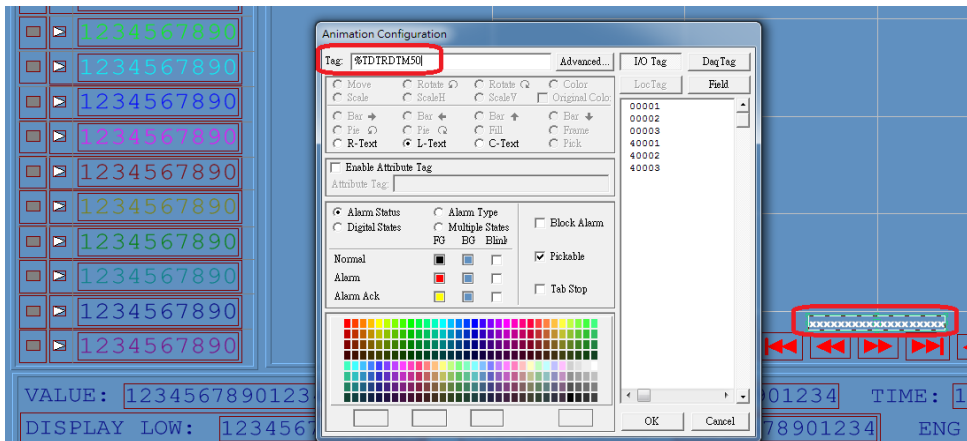
8. Start time: %TDTRDSTM



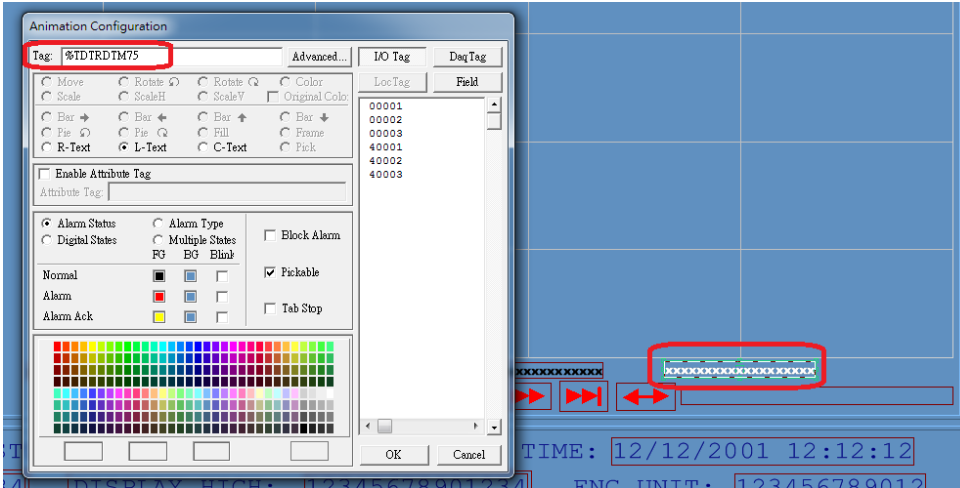
9. 25% of time: %TDTRDTM25



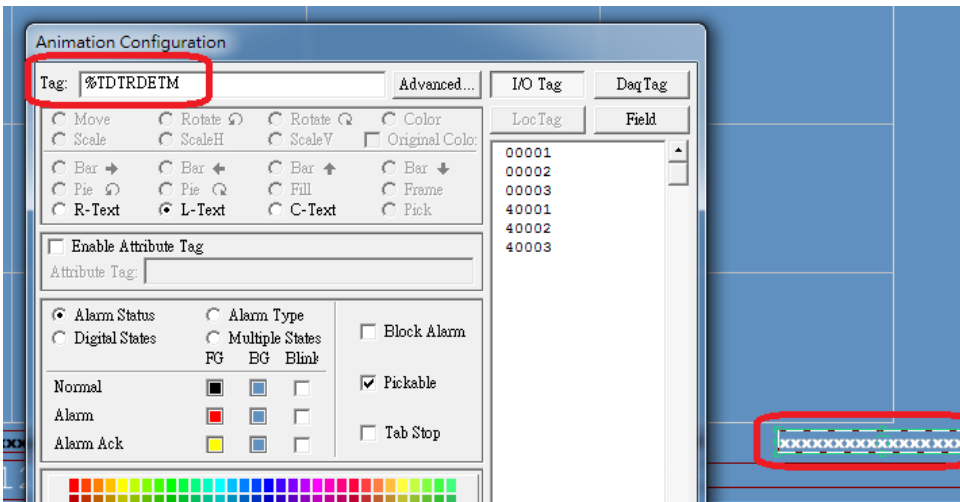
10. 50% of time: %TDTRDTM50



## 11. 75% of time: %TDTRDTM75



## 12. 100% of time: %TDTRDETM

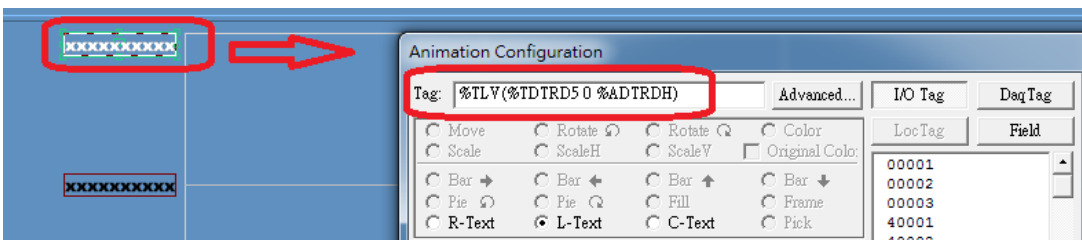


Note: adjust the screen so 5 strings can fit the screen.

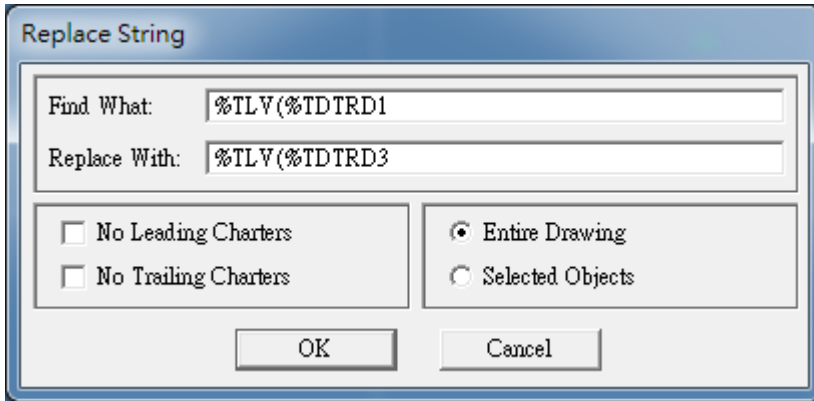
## 13. Add tag display value in Y-axis:

- 0% of display: %TLV(%TDTRD4 0 %ADTRDH)
- 100% of display: %TLV(%TDTRD5 0 %ADTRDH)
- 25% of display: %TLV(%TDTRD8 0 %ADTRDH)
- 50% of display: %TLV(%TDTRD9 0 %ADTRDH)
- 75% of display: %TLV(%TDTRDA 0 %ADTRDH)

Example of "100% of display":



14. Done for adding timestamp in X-axis and tag ranges in Y-axis.
15. Here shows the way to displaying tag description and this can be don't by using Tag Replace
- Tag Name Macro: %TLV(%TDTRD1 0 %ADTRDP)
  - Tag Description Macro: %TLV(%TDTRD3 0 %ADTRDP)



Q&A: Tag “datalog” function and active and datalog trend are setup properly, but user can't see any trend in datalog trend

Suggestion:

Check “Data Log Dead Band” function in Tag Property.

It means enables Data logging to c:\webaccess\node\YOUR PROJECT\log folder by default when the tag value change exceeds 3% of the Data Log Dead Band configuration.

