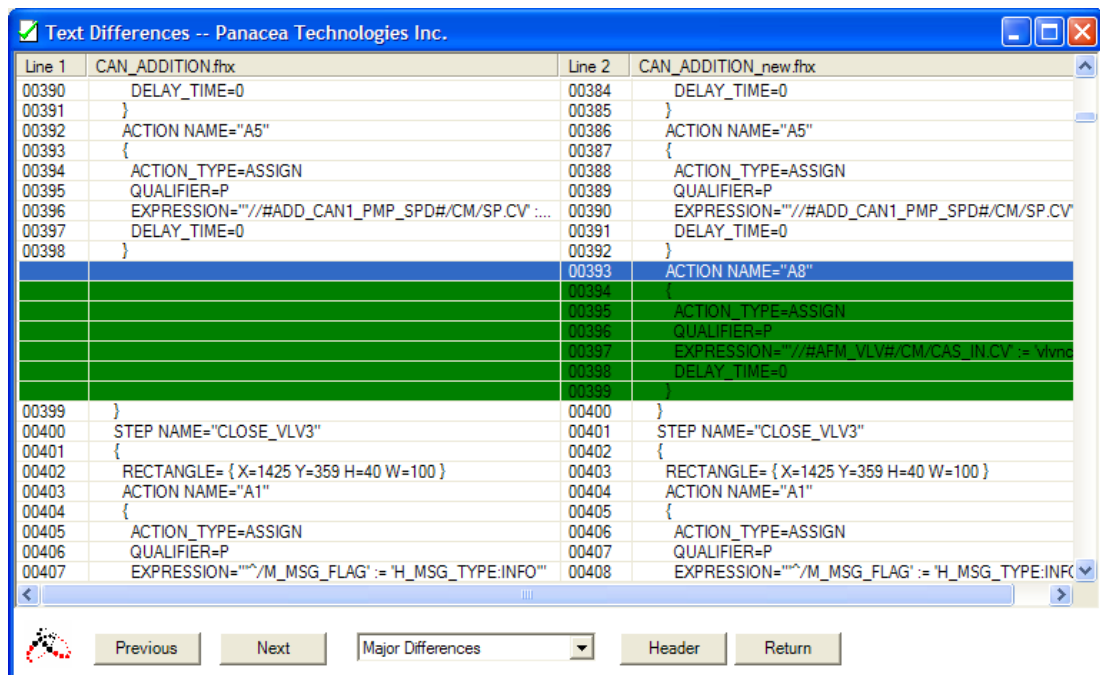


## FHX File Compare for DeltaV

The FHX File Compare for DeltaV allows the user to compare two DeltaV configurations (via FHX export files) and shows in a simple side by side view the software that has been modified, added, or deleted between the two configurations. The FHX File Compare for DeltaV makes a determination on whether the changes are significant or insignificant based on predefined criteria. This application is used to increase quality by facilitating change control and reduces project costs by quickly determining changes without having to initiate a full review of the software.

### Benefits of Using FHX File Compare for DeltaV

- Designed to be quick and easy to use
- Allows the user to quickly verify the items that are different in the two configuration
- Facilitates change control by verifying only the items that were to be changed were changed.
- Can be executed offline on the users PC no DeltaV license is required.



Line 1	CAN_ADDITION.fhx	Line 2	CAN_ADDITION_new.fhx
00390	DELAY_TIME=0	00384	DELAY_TIME=0
00391	}	00385	}
00392	ACTION_NAME="A5"	00386	ACTION_NAME="A5"
00393	{	00387	{
00394	ACTION_TYPE=ASSIGN	00388	ACTION_TYPE=ASSIGN
00395	QUALIFIER=P	00389	QUALIFIER=P
00396	EXPRESSION=""//#ADD_CAN1_PMP_SPD#/CM/SP.CV' ...	00390	EXPRESSION=""//#ADD_CAN1_PMP_SPD#/CM/SP.CV
00397	DELAY_TIME=0	00391	DELAY_TIME=0
00398	}	00392	}
		00393	ACTION_NAME="A8"
		00394	{
		00395	ACTION_TYPE=ASSIGN
		00396	QUALIFIER=P
		00397	EXPRESSION=""//#AFM_VLV#/CM/CAS_IN.CV := Vlvn
		00398	DELAY_TIME=0
		00399	}
00399	}	00400	}
00400	STEP NAME="CLOSE_VLV3"	00401	STEP NAME="CLOSE_VLV3"
00401	{	00402	{
00402	RECTANGLE= { X=1425 Y=359 H=40 W=100 }	00403	RECTANGLE= { X=1425 Y=359 H=40 W=100 }
00403	ACTION_NAME="A1"	00404	ACTION_NAME="A1"
00404	{	00405	{
00405	ACTION_TYPE=ASSIGN	00406	ACTION_TYPE=ASSIGN
00406	QUALIFIER=P	00407	QUALIFIER=P
00407	EXPRESSION=""//M_MSG_FLAG' := 'H_MSG_TYPE:INFO"	00408	EXPRESSION=""//M_MSG_FLAG' := 'H_MSG_TYPE:INFO"

### Scenarios Where This Application Has Been Used

- On a project where the validation and execution were being done at two different sites it helped Panacea verify the changes being done in the configurations that were being passed back and forth.
- Our clients have used it extensively to compare a current configuration with a configuration in the archives.
- Our clients use it before and after the execution of a software modification to ensure that items other than those identified in the change control were not modified.