

## **ACE Programing Language**



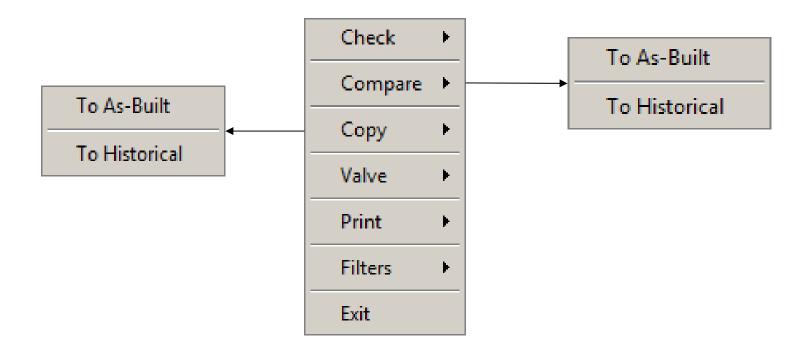
#### ACE

- ACE Suite 4.1 was programmed using VB6
- •VB 6 has been an obsolete product for 10 years
- ACEDP & ACETest have been converted to C#.net
- •ACEDP & ACETest versions are now version 5.0
- •ACE version is now 4.2
- ACE continues in VB6 until 2018



## ACE 4.2 Improvements

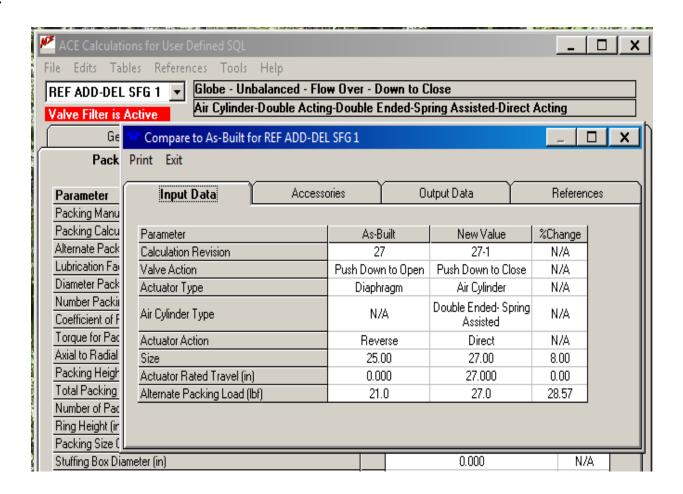
- ACE now includes as-built table like Midas
- "What if Calculations can now be utilized without compromising record calculations





## ACE 4.2 Improvements

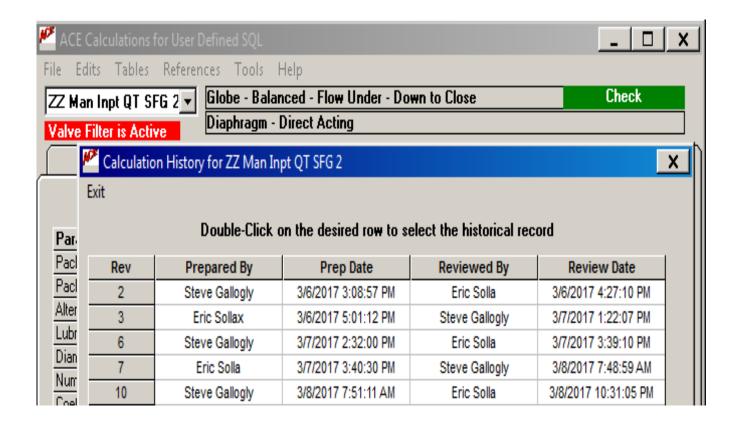
Compare to As-Built





## ACE 4.2 Improvements

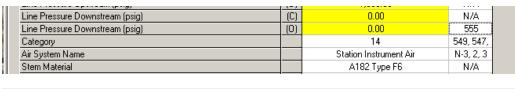
Compare to Historical

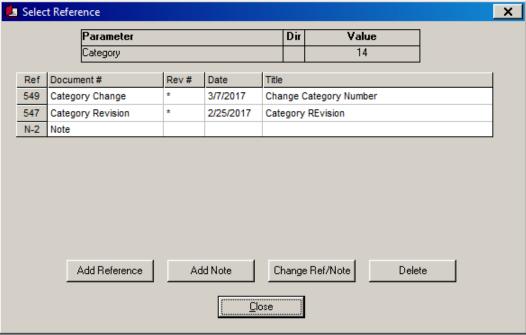


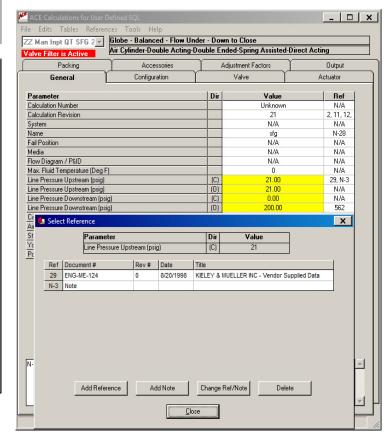


## Ace 4.2 Improvements

• The software now has the ability to link multiple references to any input





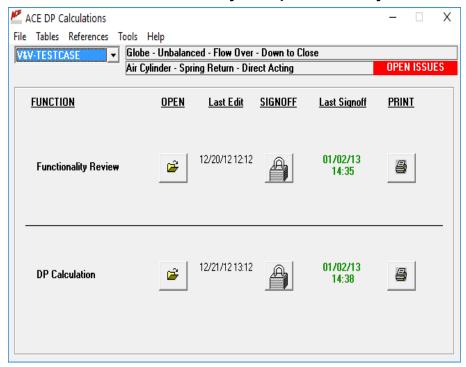


## ACEDP & ACETest 5.0



#### ACEDP 5.0

- First C#.net version
- Different appearance than the previous versions
- Same functionality as previously





ACEDP 4.1

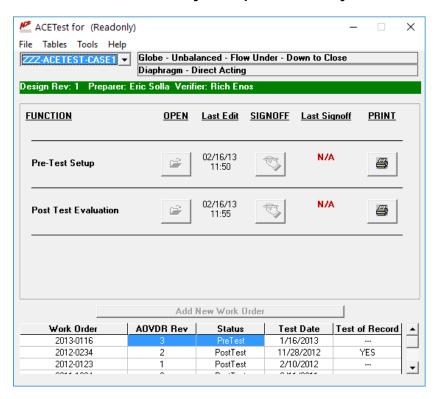
ACEDP 5.0

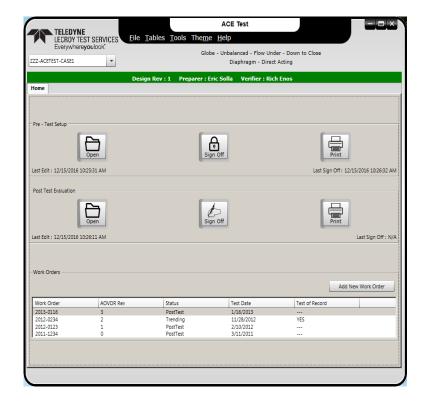
## ACEDP & ACETest 5.0



#### ACETest 5.0

- First C#.net version
- Different appearance than the previous versions
- Same functionality as previously





ACETest 4.1

ACETest 5.0

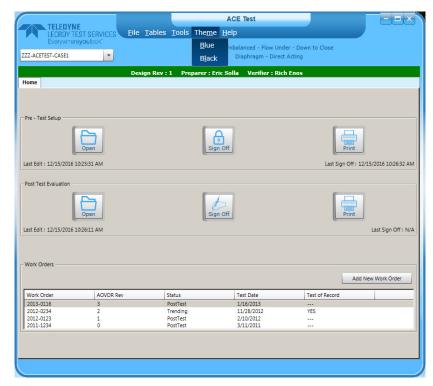
## ACEDP & ACETest 5.0



#### **ACEDP & ACETest Theme**

• The Theme menu allows the user to select a different background color for the C#.net version (blue or black)





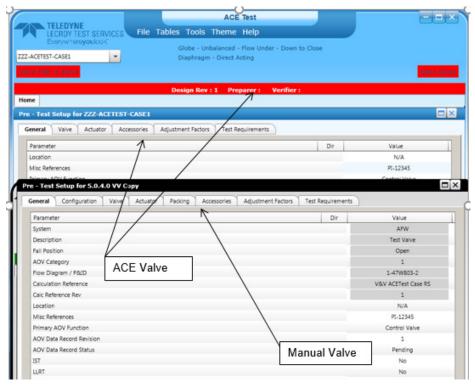
## ACE, ACEDP & ACETest



#### **ACE Suite User Manuals**

- The user manual for all 3 programs have been improved
- More detail and better screen shots

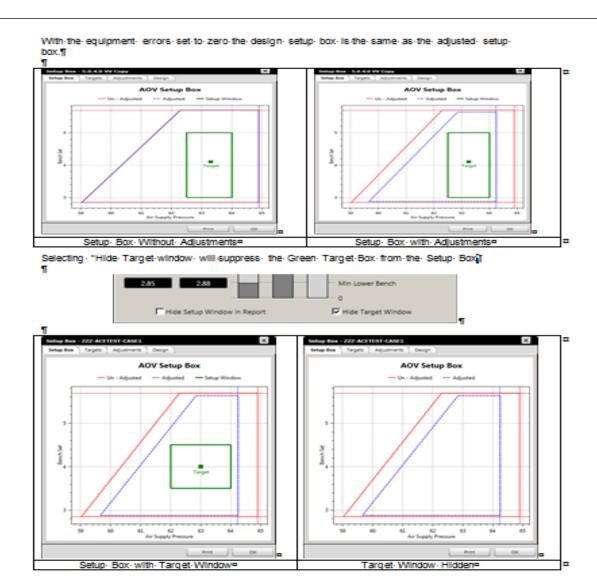
**ACETest 5.0 User Manual** 



# ACE, ACEDP & ACETest User Manuals



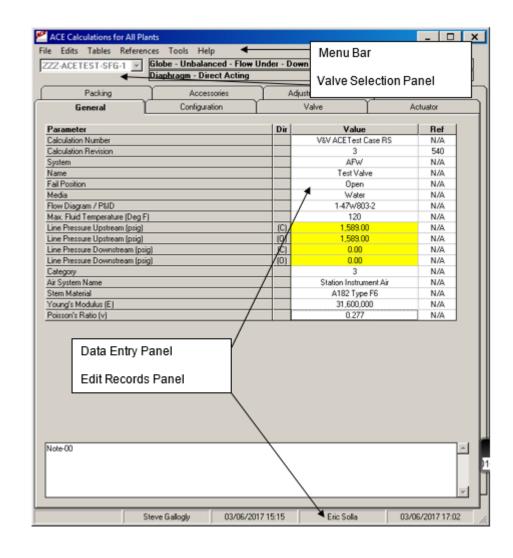
The User
Manuals have
been improved
with more
detail and
better screen
shots



# ACE, ACEDP & ACETest



ACE 4.2 User Manual



## ACE Future Enhancements - 2018



- Incorporate EPRI Side Loading into ACE
- Upgrade ACE Programming language to C#.net
- Add to ACE Fisher Actuator and Valve Tables as pull-downs
- Add to ACE various other Vendor Actuator Tables and Valve Data as pull-downs

## ACE Future Enhancements Appendix IV - 2018



- Add Appendix IV Report to ACETest for "AOV Functional Margin"
- Appendix IV Report to trend anomalies
- Risk-informed testing and margins (do we need to add PVT schedule??)
- Trending module improvements
- ACEDP & ACETest working with users on feedback (we need a Champion)???

