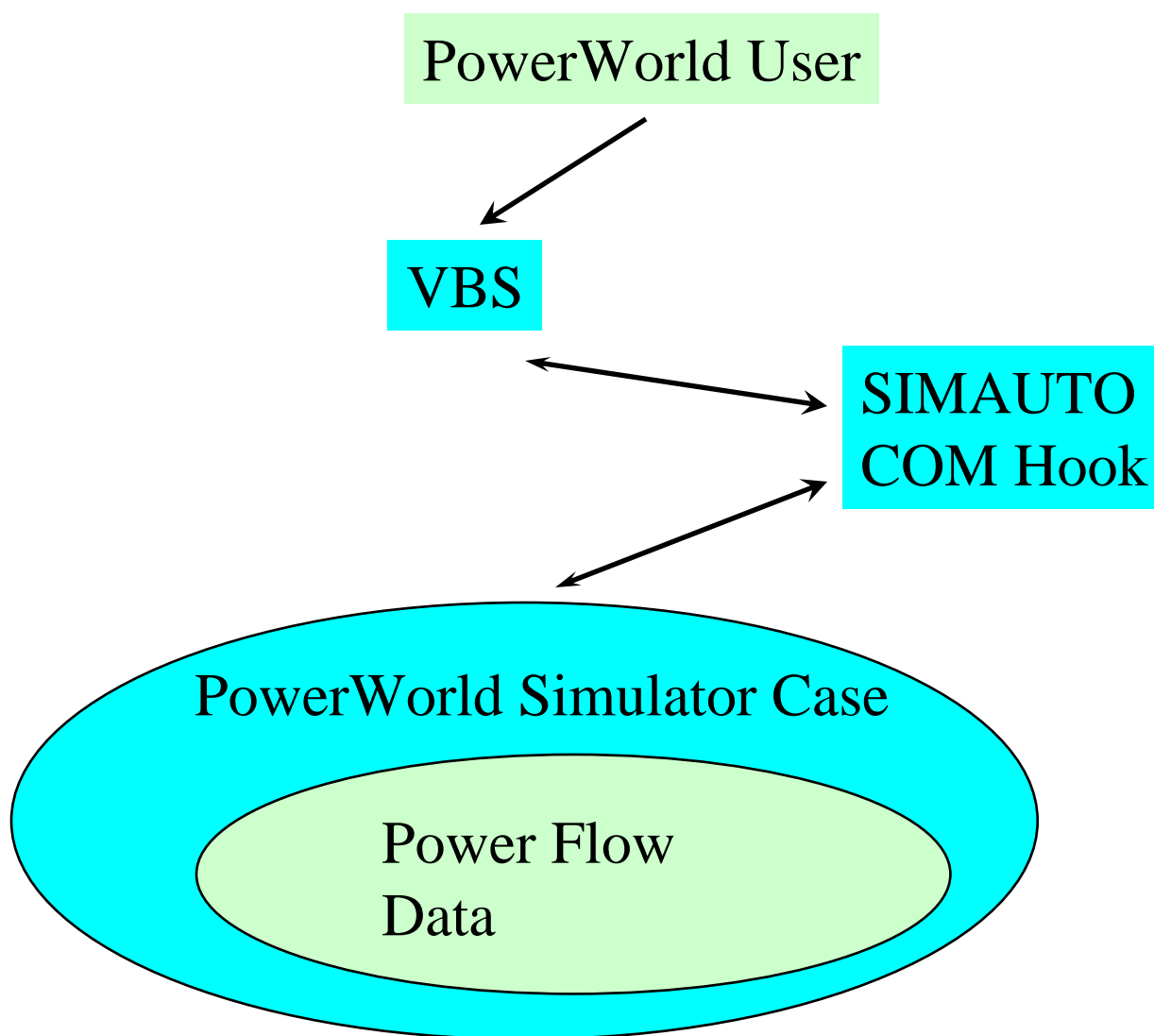


Simulator Automation Server

- Tracy Rolstad
 - Utility System Efficiencies, Inc
 - www.useconsulting.com
 - tracyrolstad@useconsulting.com
 - (360) 513-4227
 - SIMAUTO
 - COM (i.e. MicroSoft) enabled version of Simulator
 - Provides a loadflow “calculator”
 - Allows interface to PWS from any COM enabled language
 - C#, VBA, VBD, VBS, Delphi, J, etc

VBS COM Hook



Recommendations

- Get a good machine for SIMAUTO (PWS)
 - Dual processor (2.4 GHZ Athlon)
 - Add some RAM (at least 512 MB)
 - Big Hard drive (>100 GB)
- SIMAUTO
 - can be slow(er) than “native” PWS
 - don’t reproduce tools
 - use PWS filters vice looping and searching
 - take a class on programming
 - my last one was FORTRAN 77

COM hook to SIMAUTO

- VBA

- *Public MySimAuto As SimulatorAuto*
 - References MySimAuto globally as SimulatorAuto

- VBS

- *Dim MySimAuto*
 - Sets a variant with the DIMension Array command
- *Set MySimAuto = Wscript.CreateObject("pwrworld.SimulatorAuto")*
 - Establishes (Sets or references) the SimAuto COM hook

[DEMO code](#)

[DEMO Run](#)

Findings

- SIMAUTO (& VBS)
 - VBS is free, and surprisingly powerful
 - VBS leads to VBA & VBD
 - in fact most MS .NET technology
 - Allows maximum customization
 - doesn't burden developer with language to maintain
 - provides full power of a coding language
 - You get what you put in to it
 - it requires coding skills

Questions

