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| **How may I use Excel VBA to automate a series of runs of my HYSYS model and retrieve results for each run?** | | |
| **Solution ID:** | | 112987 |
| **Product(s):** | | Aspen HYSYS |
| **Version(s):** | | Multiple |
| **Primary subject:** | | Programmability/Extensibility, OLE - Access to HYSYS Features |
| **Last Modified:** | | 20-Feb-2004 |
| **Attached files (filesize):** | |  |
| [Excel HYSYS Link - AutomateCompCalcs.zip (34k):](http://support.aspentech.com/webteamcgi/ValidateDownload.cgi?instructions=5767421_Ghekjys3BBVcxW_MM7744AAAAQQ88521&attachid=352159&docid=112987&location=T) | Example files | |
| **Associated Solutions:** | | |
| [ID: 112361](http://support.aspentech.com/webteamcgi/SolutionDisplay_view.cgi?key=112361) | | Common Errors that can occur when linking Excel to Aspen HYSYS via OLE Automation / VBA, and how to resolve them |
| **Training Classes:** | | [Click here to see the training options for this product](http://support.aspentech.com/webteamcgi/SolutionDisplay_view.cgi?key=112987#TrainingSection)  Top of Form    Bottom of Form |
| **Applicable Version(s)**  All  **Problem Statement**  How may I use Excel VBA to automate a series of runs of my HYSYS model and retrieve results for each run?  **Solution**  The attached HYSYS 3.1 case is a simple model of a compressor with curves enabled. The attached spreadsheet allows the user to enter a series of feed temperatures, pressures and flows. These are then sent to the HYSYS model and, for each set of input data, a set of results is extracted from HYSYS and reported on the spreadsheet.  For troubleshooting advice on common HYSYS / OLE Automation errors see Solution #112361.  **Note**  The Knowledge Base examples are provided for academic purposes only and as such are not subject to the quality and support procedures of officially released AspenTech products. Users are strongly encouraged to check performance and results carefully and, by downloading, agree to assume all risk related to the use these examples. We invite any feedback through the normal support channel at [esupport@aspentech.com](mailto:esupport@aspentech.com).  **KeyWords**  Automate Batch runs | | |