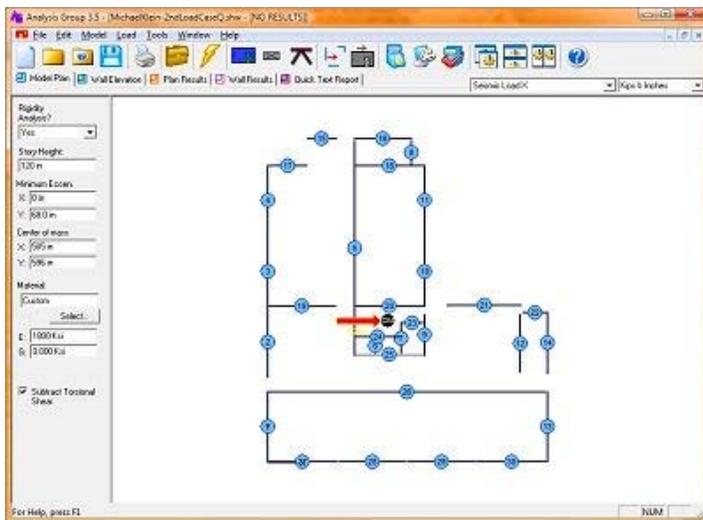




Introducing AnalysisGroup 3.5

A long-awaited upgrade for the workhorse

Crunching numbers is what [AnalysisGroup](#) does. It's not nearly as flashy as its sibling, [VisualAnalysis](#), but when have rushed jobs, it really shines. The last time we upgraded this tool was in 2006, so version 3.5 is **long overdue**. In some respects we are slightly embarrassed by AnalysisGroup, as it sports a user-interface that is, well, how shall we say it, "So '90's!". Yet some IES customers love this tool and use it extensively. We eventually hope to give it a makeover, but this current release is a 'minor' refresh (fast for IES to implement, low cost for you) that brings some noteworthy fortifications.



Why Use AnalysisGroup?

With [VisualAnalysis](#) (and the [beta-testing VisualFoundation](#)) offering considerable 'overlap' and significantly more power than AnalysisGroup, **why would you** want to use AG? Here are four enormous reasons why engineers choose AnalysisGroup:

1. **Productivity:** AG does all the FEA meshing, which saves you a lot of thinking and busy work. It also has the right report, with just a click of the Print button.
2. **Focus:** AG solves very specific problems, meaning your input is significantly lessened and your reports are shorter and of higher quality.
3. **Value:** AG packs a **huge wallop** for its **low price**, and offers solutions to 6 common types of engineering components.
4. **Simplicity:** Sure, you can model a shear wall system in [VisualAnalysis](#), if you use thousands of plate elements and manually generate the model. Then you can take your 100 page report and try to accumulate plate element stresses in the right places to get pier forces, etc. In [AnalysisGroup](#) you simply locate the walls and openings, apply a shear force and print the results!

What's New in Version 3.5?

All Modules

- Updated compiler & libraries for greater reliability and functionality.
- Moved **View Tabs** to top of window for easier access.
- Improved **print & print-preview** so you always know what you will be printing.
- Performance improvements in analysis engine.
- Selecting a "Result" tab **automatically analyzes**, if necessary.

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Fast, Faster, Fastest

Maturity Brings Performance in VA

Optimizing [VisualAnalysis](#) was something that IES engineers rarely worried about. Over the past 15 years we could count on machines doubling in speed and memory with each new generation. By creating efficient algorithms in the first place, we let the fast CPU's do the rest.

A New Generation

With [VisualAnalysis 6.0](#), that all changed. Using some new tools, IES engineers are able to squeeze much better performance out of version 6 than any of its predecessors, for example:

- 700% Analysis-Time Boost
- 700% Design-Time Boost

Don't Stop There!

The great part about using current IES products is that they are ever-improving. As customers solve real-world problems and push our tools to their limits, **we learn things** and dig deeper into our 300,000 lines of code and we make changes. We have found a new tool to help us uncover bottle-necks in our code resulting in some staggering performance gains in the **latest updates** of [VisualAnalysis 6.0](#). The following indicate gains made between update versions of 6.0:

- Reports Generate **25X** Faster
- Steel & Wood Design is **8.5x** Faster
- Generate Copies is **3X** Faster

Get on the Bus Gus!

IES will continue to search out and destroy inefficient code as we move forward with version 6.0 and version 6.5 (scheduled for 3rd Qtr 2009). If you are experiencing **slow progress** or **long waits**, send us your

- General improvements in graphic report content, headings and layout.
- Some automatic load cases and combinations.
- Text reports are shorter, better organized.
- Quick text reports paste nicely into a spreadsheets.
- Export projects to VisualAnalysis (except Circular Tank, Shear Wall).
- Updated licensing, supports IES Network License Server.

Shear Wall

- Improved algorithm for tall walls with openings.

Rectangular Plate & Mat Footings

- Better plate element formulation is more accurate.
- Greatly improved graphs and graphs in reports.

Get AnalysisGroup Today

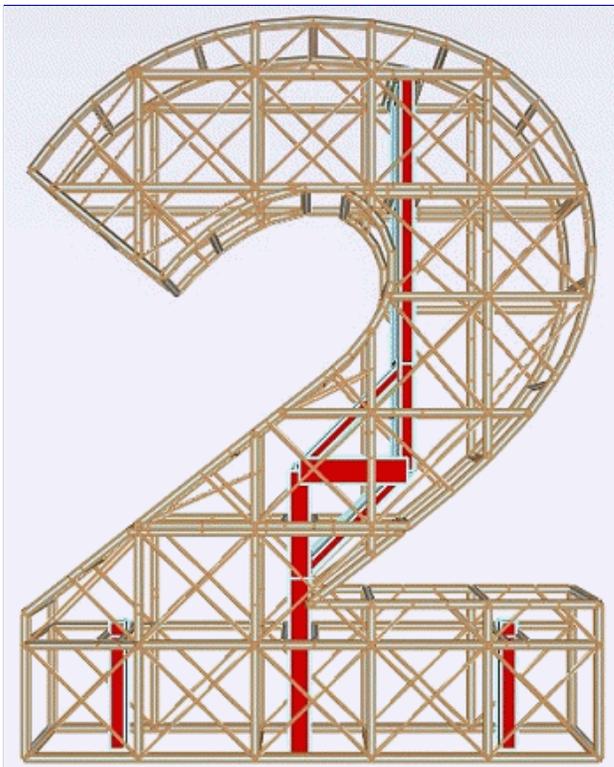
- [Download AnalysisGroup 3.5](#) for a Free-Trial.
- [Buy the Upgrade](#), just \$95 through February, \$140 after that.
- Buy it new at just \$395.

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We're #2! (Go Arizona Cardinals)

Steve Brackman applied VisualAnalysis to the Cardinals Stadium Lighting

Long-time IES customer, Steve Brackman, PE, of [Beaudette Consulting Engineers](#), successfully used [VisualAnalysis](#) in designing lighting structures outside the Cardinals Stadium, including this large #2, which we thought was rather appropriate given the super bowl outcome. (Sure was a great game, wasn't it.)



"VisualAnalysis was invaluable as a tool in designing the signage around the Arizona Cardinals stadium. With the DXF import tool, and the design features, the design process was smooth and efficient."

For more about Steve's project view this: [PDF document](#) .

Surviving the Down Economy

Our Tips, Your Thoughts?

We know that you are feeling the economic pinch because IES sales have dropped

project file to demonstrate it and we'll investigate.

Upgrade Your Productivity

VisualAnalysis 6.0 is proving itself over and over and we consider previous versions 'cLuNky' in comparison. IES has recently introduced lower upgrade prices to help stimulate your economy...[check it out today!](#)

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Troubled Technology

It's not just a software problem

It should not be so surprising, but engineering is hard and plagued with troubles. After all, consider these synonyms:

To Engineer =
wheedle, foist, trick, coax, or wangle!

Examples of Trouble

There are countless examples of troubled technology in the news these days. Consider these recent news stories:

CERN's Large Hadron Collider Delayed, Originally expected to "Go Live" during the summer of 2008, it is still not working and not expected to work for months...

Broken Water Main Ruptures in San Francisco's Nob Hill Neighborhood February 19th, 10 buildings without water, street closed...

Last month's US Airways jet, fails to eat birds; goes swimming instead.

IES Exception to the Rule?

No. Sorry. Get your [latest IES updates](#) before trouble strikes you too. If you have troubles, let us know so we can fish you out of the river. At least when you email [IES Technical Support](#), you **won't** have to go through **this**:

off significantly since November...and our customers come from all over the world. We also understand that software is not at the top of the "critical" purchase list when jobs are slow. IES is responding with **lower prices** and we are pouring our energies into research and development so that we will be ready with tools when you are.

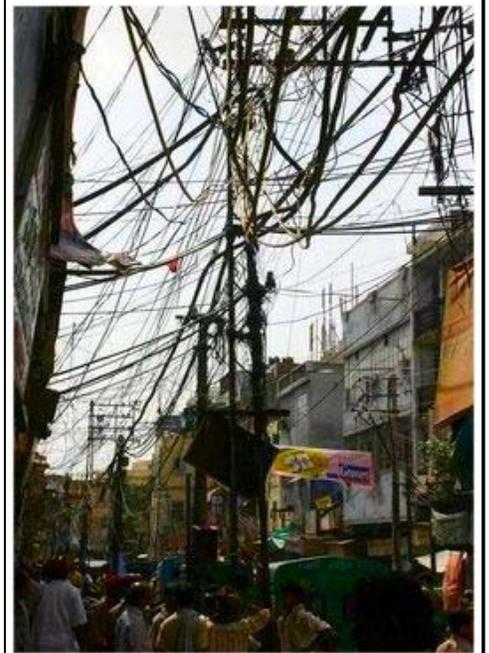
Tips for Engineering Smarter

- Maximize your current investment in IES technology, purchase an upgrade subscription to have a lower total cost of ownership and to keep current.
- Learn new tools while you have the time, upgrades are low-cost and easier to master than switching products.
- Prepare for better productivity when new work does start to come, set up some template projects, create some killer report styles, or design a spreadsheet to process reports coming from VisualAnalysis.
- Improve your bottom line on the few jobs you have now by working smarter and faster by utilizing the latest technology IES has available. Your competition is probably not using software created 3 years ago, which is like 7 engineer years.
- Expand your capabilities so you can take on different types of work! With some help from your tools you can take jobs you might not otherwise feel comfortable tackling.

Tell Us Your Needs

IES exists to help you solve everyday problems faster and easier. We would love to "fix" our existing tools or create new ones to help you work smarter, to get more jobs, and to perform tasks more efficiently. [So tell us what you need!](#)

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