VirtualWork
A newsletter for customers and friends of IES

IES 20th Anniversary

Celebrating Years of Great Customers & Friends!

Thanks To You...

Everyone at IES would like to send a huge shout out to great customers! **Thanks to you** for helping us make great products--both by suggesting features and reporting problems. **Thanks to you**, IES has offered free VisualAnalysis software for over 200 schools and universities to help train young engineers for 20 years! **Thanks to you**, numerous families are fed and nearly 20 MSU graduate or undergraduate students have had good internships during their college years. **Thanks to you**, engineers around the world have better tools to make their jobs easier and to help ensure public safety.

Quality Software for Structural Engineers
www.iesweb.com

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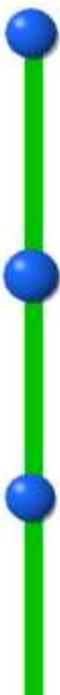**1994: Floppy Disks for Windows NT**

IES was born in a world dominated by DOS programs for engineers. As one of the first companies to embrace the new Windows system, we pioneered the concept of "Friendly" engineering software that made structural engineering more visible (3D sketch-your-model graphics), more flexible (unit systems, preferences, report filtering & sorting), and more accurate (input validation, error checking, result validation). VisualAnalysis in that era required three floppy-disks to install.
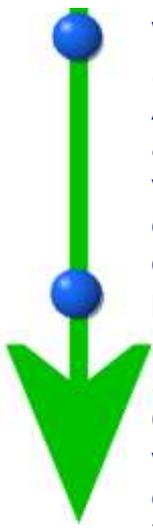
1999: IESWeb.com

Now on CD, software was easier to ship to free-trial users and customers who were getting limited information from the Internet! Dial-up was still too slow to download a megabyte of data reliably for many people. IES had opened it's first real office in downtown Bozeman, MT, after working from scattered locations on an inefficient "sneaker-net".

2004: A Modern FEA "Engine"

We celebrated 10 years of business by releasing VisualAnalysis 5.5 with a thoroughly modern rewrite of our core finite element analysis engine. This opened the doors for major improvements in products for both performance and accuracy. By this time, IES had reached

well over 2000 customers in 85 different countries around the world.

2009: BIM, Product Expansion

As our stable products matured, IES expanded into the BIM world and added a number of new products to our line up, meeting a wider variety of customer needs. We had survived the great fall-out in the construction market, when software was often the first item axed from our customer's budget by keeping our expenses down and selling products at significant discounts to help our customers get through the rough times.

2014: Simple, Easy, Productive

Celebrating 20 years of serving you, we know your names and your work, though we may have never actually met in person! We are excited with the release of a completely new line-up of tools late in 2013 and into the first quarter of this year. Our products have never been more accurate, or stable, or simple to learn and use. We have a lot of work ahead of us, and we invite you to continue helping make IES products into tools that work well for you.

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VisualShearWall 2.0

Diaphragms: Rigid, Semi-Rigid, or Flexible?

Shear Wall Systems

Engineers have performed rigid diaphragm analysis for many years using simple equations and procedures for getting it done quickly. But when are diaphragms ever rigid? With the power of finite elements, but with far less complexity than using a general-purpose analysis program, VisualShearWall 2.0 can help you knock-out shear wall system analysis without making diaphgram assumptions that are incorrect.

Key Features

VisualShearWall will streamline your efforts in modeling shear wall systems including:

- Any single-floor arrangement of shear walls
- Multiple diaphragms of different thickness/material
- Holes in diaphragms and walls
- Cartesian or Polar coordinates for layout of models
- DXF Import and Export for diaphragm geometry
- Column lines, automatic and customizable
- Inclusion of steel moment or braced frames as "walls"
- Loading is easy and flexible for diaphragms or walls
- Graphical results including wall reactions and diaphragm forces
- Export wall pier results to QuickConcreteWall or QuickMasonry
- Transfer wall reactions to next-lower floor project as loads

Better Integration

VisualShearWall helps you set up a project and get analysis results organized and collected for your shear wall systems, but it does not stop there. You can export your model to VisualAnalysis where you might do different tasks, such as a dynamic analysis or gravity analysis. You can also export wall (pier) results into QuickConcreteWall 4.0 for reinforced concrete shear wall design. When QuickMasonry 4.0 is released, it too will support an import from VisualShearWall for masonry wall design.

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QuickSuite 4.0

Simplified Download & Installation

New Versions & Features

We have just released the latest upgrades for three of the four "Quick" products. The new versions have code updates, along with other new features to streamline your work flow.

Installation

To simplify your installation tasks, we have recently consolidated the downloads for the following products:

- QuickRWall 4.0
- *QuickMasonry 3.0*
- QuickFooting 4.0
- QuickConcreteWall 4.0

You may **install any or all** of these products with this single installer. Re-run the installer to add or remove one of the products.

Licensing

These products are **licensed independently**, using the 'new' online licensing system which means that ALL current IES products are now licensed through the self-service portal.

QuickMasonry 4.0: In Development

We have not yet upgraded QuickMasonry, but that product is in development and we hope to release it in the first half of 2014. Once released, it will offer Direct Design, updated code provisions, as well as the ability to import wall (pier) results from VisualShearWall.

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Install & License

Fairly Clean Transition!

Customers who have been around IES for a while have noticed (and survived!) a major change in our licensing system and procedures over the past three or four months. We certainly appreciate your patience as we have had a few minor kinks to work out through the course of this conversion.

Staying Out of the Way

Our goal is, and always will be, to serve your needs for structural software in a way that is markedly "not" in your way! We have avoided hardware locks and other cumbersome licensing systems or controls. We have always tried to provide custom, personalized service as well. The new system allows you to deactivate your product on one machine and then activate it on another as your needs or systems change.

Giving You Control

With the new automated system and self-service portal, we hope that your licensing tasks will be made easier and more flexible as you will not have to reach IES by phone or email and wait for answers or changes.

- Assign Licenses to Different People
- Automated Maintenance Billing
- Easy Cancellation of Maintenance
- View Active Products & Licenses
- Monitor License Activations
- Review Purchase History
- Add New Products or Licenses

Legacy Products w/out Maintenance

If you have older-version products without maintenance, you are at risk of having to pay "full price" to get a newer version, should you need it. The new system does not have an automatic upgrade option. For the greatest cost-savings you should watch for a special "upgrade" sales event coming soon. Don't miss this limited opportunity.

We Are Here to Help

You will be able effect most licensing tasks yourself. Of course we are here (sales@iesweb.com or 1-800-707-0816) if you have any kind of special needs or changes that are not automatically available in the new system. We look forward to helping you through this transition!

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