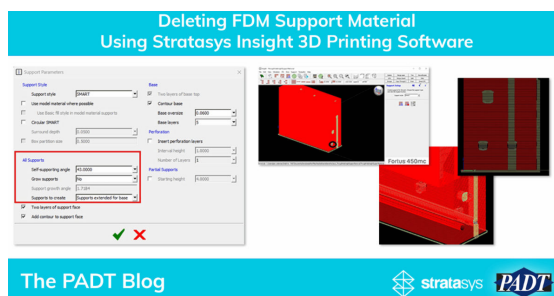




Featured Stories

Deleting FDM Support Material Using Stratasys Insight 3D Printing Software

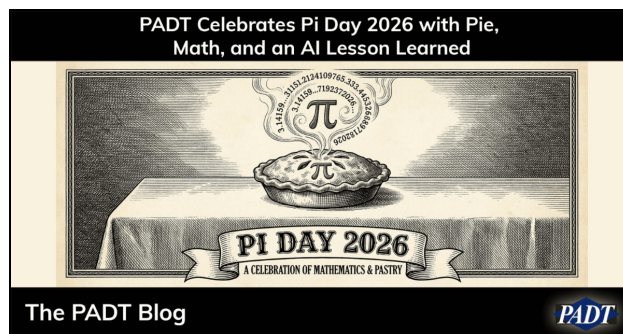
For Fused Deposition Printing (FDM) printing on higher-end Stratasys 3D printers such as the Stratasys Fortus 450 and Stratasys F900 systems, Stratasys' own Insight build set-up software offers deep levels of customization. This post describes how to delete Support material from within selected horizontal holes. Read on for step-by-step instructions.



[Read More](#)

PADT Celebrates Pi Day 2026 with Pie, Math, and an AI Lesson Learned

Well, another year came and went, and it is Pi Day again. We have been celebrating 3/14 for a long time now, as you can see by past blog posts. Our standard formula is several different pies and a math quiz. This year we did that, and ran afoul of AI hallucinations. Take a read and take the quiz.

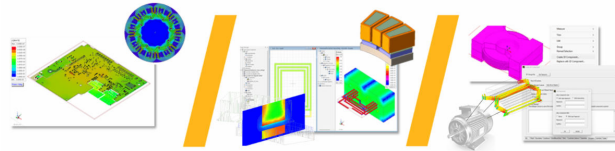


[Read More](#)

What's New in Ansys 2026 R1 for Electromagnetics

PADT application engineer Tyler Buntin takes a look at his favorite new features for electromagnetic simulation in Ansys 2026 R1 for Ansys Motor-CAD and Ansys Maxwell. Give it a read to learn about stronger integration between products, faster solves, improved workflows.

What's New in Ansys 2026 R1 for Electromagnetics



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The PADT Blog



Customer Corner



Ursa Major Unveils the HAVOC Hypersonic Missile System

The company unveiled the “Ursa Major HAVOC Missile System,” a complete hypersonic capability designed to deliver high-speed, affordable mass at scale to meet urgent warfighter requirements, with a core module that can also be used for hypersonic targets. HAVOC is engineered for rapid production and scalability, addressing the growing need for optionality in survivable, maneuverable hypersonic systems that can be fielded in operationally relevant quantities.

[Read More](#)

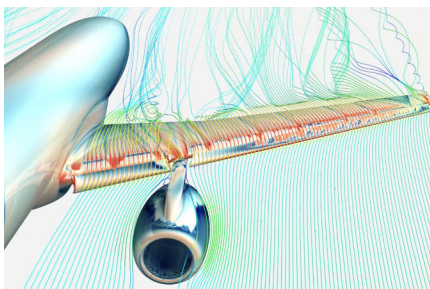


Voyager Invests in Permanent Lunar Habitat Infrastructure

Voyager Technologies (NYSE: VOYG) announced a multi-million-dollar strategic investment in Max Space to advance the development of next-generation expandable space habitats supporting sustained lunar operations and future deep-space missions. The company will also support internal research and development efforts to accelerate engineering, manufacturing scale-up and mission integration activities.

[Read More](#)

Featured Products And Services



Ansys
Fluent



Stratasys
Streamline Pro

Ansys Fluent is the industry-leading fluid simulation software known for its advanced physics modeling capabilities and industry leading accuracy. Ansys Fluent gives you more time to innovate and optimize product performance. Trust your simulation results with software that has been extensively validated across a wide range of applications. With Ansys Fluent, you can create advanced physics models and analyze a variety of fluids phenomena—all in a customizable and intuitive space.

- User-Friendly Interface
- Single Window, Streamlined Workflow
- Best-in-Class Physics Models
- Parallel
- Capabilities for Meshing and Solving

[Read More](#)



**Rapid Fusion
Zeus**

Combining high-speed pellet extrusion with precision subtractive finishing in one coordinated system enables faster, more accurate production of complex parts, tools, and components.

Zeus is powered by the Rapid Fusion PE320 Pellet Extruder, Epicurus Controller Pro, an open-source, customizable control system, alongside a KUKA robotic arm, Modular Heated Bed, Air Plus Kit, Smart Loom Pro, desiccant dryer, and CNC Milling Tool.

[Read More](#)

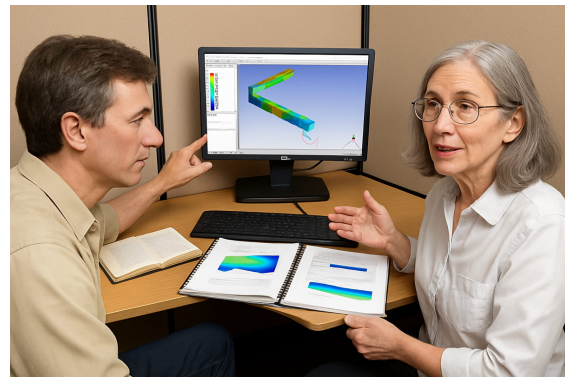
GrabCAD Streamline Pro is a Stratasys workgroup software suite powered by GrabCAD Print that connects people, parts and printers, essential to scale 3D printing.

Streamline Pro expands the capabilities of your Stratasys printer and the other products in the GrabCAD lineup, including GrabCAD Print Standard and Pro, GrabCAD Print Server, and GrabCAD Control.

Streamline Pro includes the following components:

- GrabCAD Shop, with auto-estimations
- Role-Based Access Control
- GrabCAD Analyze
- Shield

[Read More](#)



**Services
Ansys Mentoring
One-on-One Training & Support**

Enhanced Technical Support

Sometimes you need to go beyond simple tech support questions. PADT's Ansys mentoring puts one of our experienced engineers at your disposal. You can use their knowledge as you see fit. It may be one-on-one training, perhaps they will help debug a model, or maybe they are creating some simple scripts to help you be more efficient. Contact our support team to learn more about the options available.

[Read More](#)

Other Content Of Note



NEW PRODUCT

New Material: Stratasys PolyJet ToughONE™
Highest Impact Resistance

[Read More](#)



PODCAST

All Things Ansys Podcast
Episode 141: Accelerate Design & Usage of Industrial Robotics with Simulation

[Listen](#)



A Step-by-Step Guide to Rapid Prototyping with 3D Printing

ARTICLE

A Step-by-Step Guide to Rapid Prototyping with 3D Printing

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PODCAST

February 2026 TechFocus Spotlight | Episode 35: Sonia Vohnout, President & CEO of OpsSpot, LLC
(Hosted by PADT and the AZ Tech Council)

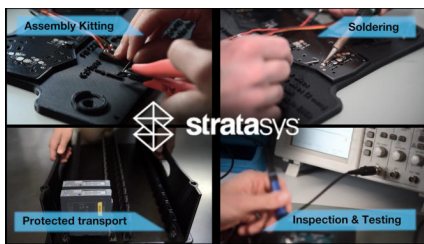
[Listen](#)



ARTICLE

Harnessing the Power of the Sun With Digital Engineering

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FDM PC-ESD: Why Strong ESD Safe Parts Matter for Manufacturing

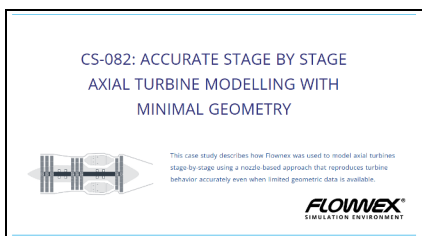
[Watch](#)



Execution Matters: Aligning Teams to Drive Real Growth - EP 64

(Hosted by PADT and the AZ Tech Council)

[Listen](#)



Accurate stage-by-stage axial turbine modelling with minimal geometry

(Case Study)

[Read More](#)



Introducing Ansys GeomAI | Ansys 2026 R1

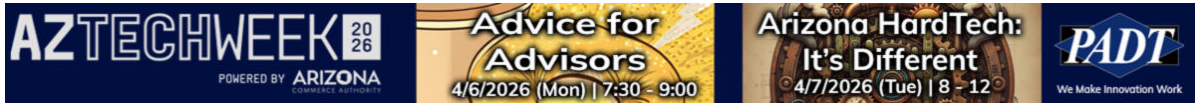
(Video)

[Watch](#)

Upcoming Events

- 04/06/2026 | [Advice for Startup Advisors – Breakfast – #AZTechWeek](#)
- 04/07/2026 | [Arizona HardTech: It's not The Same – #AZTechWeek](#)
- 04/08/2026 | [Data Centric Approach to Radical Innovation – #AZTechWeek](#)
- 04/06/2026-04/12/2026 | [AZ Tech Week 2026](#)
- 04/11/2026 | [STEAM National Honor Society: Research and Innovation Expo](#)
[and Innovation Expo](#)
- 04/13/2026-04/16/2026 | [RAPID + TCT](#)
- 04/13/2026-04/15/2026 | [41st Space Symposium | 2026](#)
- 04/27/2026-04/30/2026 | [Nuclear and Emerging Technologies for Space 2026](#)
- 05/13/2026 | [2026 Arizona Manufacturing Showcase](#)
- 06/18/2026 | [E-Mobility and Clean Energy Summit](#)
- 07/15/2026 | [Arizona Aerospace Summit](#)

- 08/10/2026-08/11/2026 | [2026 CEO Leadership Retreat + Golf Tournament](#)
- 10/21/2026 | [2026 Southern Arizona Tech + Business Expo](#)
- 11/18/2026 | [2026 Governor's Celebration of Innovation](#)



Ansyz Webinars:

- 04/01/2026 | [Ansyz 2026 R1: Ansyz SimAI What's New](#)
- 04/02/2026 | [Ansyz 2026 R1: Ansyz optiSLang What's New](#)
- 04/02/2026 | [Ansyz 2026 R1: Ansyz Fluids What's New](#)
- 04/07/2026 | [Ansyz 2026 R1: Ansyz Autonomous Vehicle Simulation \(AVxcelerate\)](#)
- 04/22/2026 | [Ansyz 2026 R1: Ansyz Discovery What's New](#)
- 04/23/2026 | [Ansyz 2026 R1: Ansyz Digital Twin What's New](#)
- 04/28/2026 | [Ansyz 2026 R1: Ansyz Sherlock and Electronics Reliability What's New](#)
- 04/29/2026 | [Ansyz 2026 R1: Structural Mechanics What's New](#)
- 04/30/2026 | [Ansyz 2026 R1: What's New in Ansyz Optics](#)
- 05/07/2026 | [Ansyz 2026 R1: Ansyz LS-DYNA What's New](#)

PADT In Pictures



PADT's Josh Stout attended the Ansys and Synopsys Converge event in the Bay Area, meeting a few customers and learning a ton about new simulation innovations.



The seminar room in PADT's Tempe offices was packed for an actual, live, in-person, face-to-face seminar for Strataysys users put on by our very own Pam Waterman.



Our sales and technical support teams were out and about this month visiting customers all over the southwest. They included, from left to right, a trip to Honeywell Aerospace, Torrence, Axiom Space in Colorado, and a whole group of customers in Texas.



We were also at the Flinn Foundation's annual Bio Investor Conference with over 200 other attendees. This is a picture of PADT co-owner Eric Miller with our Friend Sonia Vohnout from [OpsSpot](#).



PADT's Noah Asherbranner and others also visited for Honeywell's Tech Day in Phoenix to talk about MBSE with the Ansys toolset.



PADT was also invited to Tech Day at BD Medical in Tempe, where PADT's Jeff Wells shared all the different services we can offer this long-time customer.



PADT co-hosted the second "[Solver Social](#)," this time in El Segundo, California. Around 30 people from the local startup ecosystem attended. Discussions were had, Ansys startup packages secured, and pool games were won.

Currently Open Positions

- [Account Manager, Software Sales](#) | Fully Remote, Austin, TX
- [Account Manager, Software Sales](#) | Fully Remote, San Diego, CA
- [Application and Support Engineer, LS-Dyna](#) | Tempe, AZ
- [Facilities & Operations Support Technician](#) | Tempe, AZ

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