



**SOME BUILDING PROJECTS WON'T  
MOVE AHEAD WITHOUT YOU**

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**AMD**

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# cadalyst



**CAD Manager's Newsletter**

STRATEGIES AND SOLUTIONS FOR THE REAL WORLD

*By Robert Green*

October 12, 2022  
Issue #500

## The Constants in CAD Management

**Celebrating Robert Green's 500th CAD Manager Column! The more things change, the more they stay the same — 500 columns into it, what are the constants of being a CAD manager?**

Realizing that this is my 500th newsletter makes me feel accomplished yet old at the same time. During the time I've been writing The CAD Manager's Newsletter, I've tried to pass along practical advice on how to do the job and hope you've benefited from it. A lot has changed in the CAD world over these years but, then again, many things haven't changed at all.

So, in this edition I'll be sharing some observations about the things that seem to be constant in the life of a CAD manager and how you can use this knowledge to maintain your sanity while getting ahead. Here goes.



So, try to get involved with IT and see how you can foster the relationship. You have nothing to lose by doing so.

## Resistance to Standards

I've always noticed that everyone agrees that standards are a great thing so long as the standards are their own standards. But when users must change their way of doing things to work to a company standard, that's when resistance is encountered. Alas, this seems to just be part of the human condition, so the best we can do is to manage the process.

No matter what tool is in use — CAD, BIM, MCAD, Civil — and no matter what standard we're trying to follow, there are those who simply won't comply. Accepting this simple fact allows you to move past the frustration and deal with standards directly rather than personally.

*How do you encourage standards use? What else are constants in the job? And, what makes a great CAD manager? [Read more >>](#)*

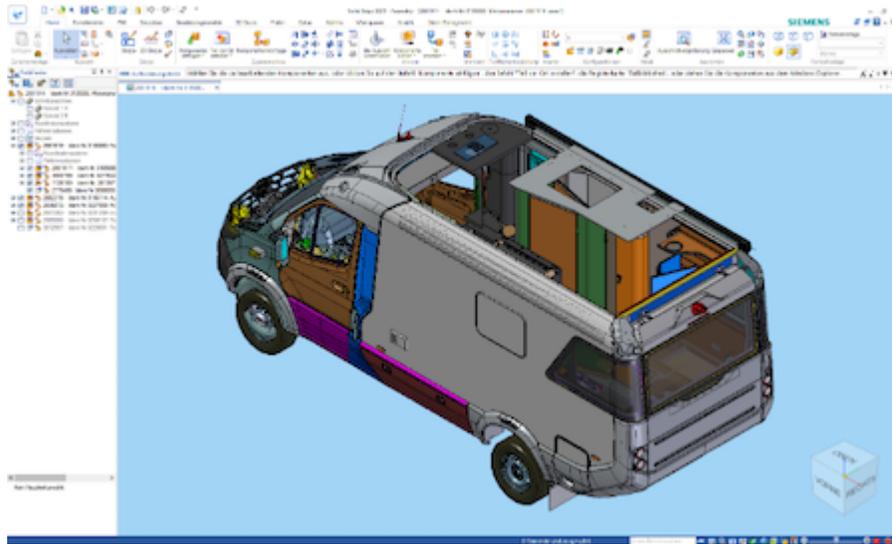


## Tools & Resources



### Webinar: Will Pandemic Adaptions In The Infrastructure Industry Endure?

18 October 2022, 12pm EDT. In this webinar, McGraw Hill's panel of experts discuss the top 3 trends reshaping the future of infrastructure engineering. Topics will cover: how the adoption of connected and experiential technologies can enrich working strategies, optimize decision-making, and allow teams to communicate and collaborate more effectively. How climate change and sustainable design are influencing planning and development. And, how human-centered projects can help address social inequities. [Register for webinar >>](#)



### Case Study: Siemens Helps Bring New Camper to Market

Siemens Digital Industries Software announced that Hymer, designer of recreational vehicles, has adopted the Siemens Xcelerator portfolio of software and services to develop VisionVenture, a recreational vehicle using the comprehensive digital twin. Hymer engineers designed the VisionVenture concept camper van by weaving a digital thread along the entire product creation process. According to the company, the Siemens Xcelerator software portfolio enabled Hymer to reduce physical prototypes by 80% with further 65% reduction in variant derivation time through creation of complete vehicle digital twin. [Read more >>](#)

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### Performance Enhancement

AMD released new AMD Software: PRO Edition 22.Q3 which brings performance advancements to all OpenGL applications and other design, modeling, and CAD software applications. With the new version, AMD quotes improvements up to 41% greater on the AMD Radeon PRO W6800 GPU versus an NVIDIA RTX A5000 GPU using the Quadro Optimal Driver for Enterprise (ODE) 516.94. [Read more >>](#)

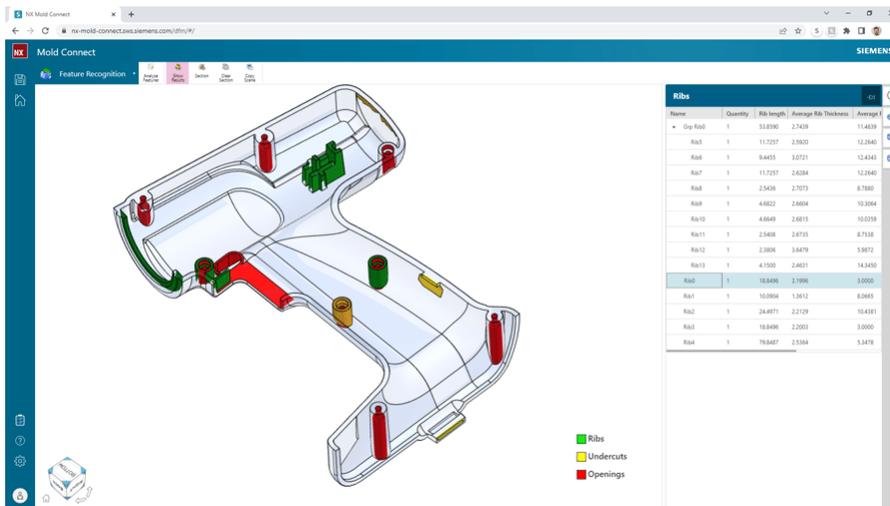
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### Product Announcement: AEC Workflows

Microdesk announced the integration of its BIMrx product line into Symetri's Naviate. The expanded and rebranded suite of products, designed to "improve workflows for AEC professionals, will streamline Revit project setup, model management, and documentation enabling users to move projects faster with Core, MEP, Fabrication, and Cloud Manager applications." Naviate is compatible with Autodesk software, including Revit, BIM 360, Autodesk Construction Cloud, and Civil 3D. [Read more >>](#)

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## What's New from Our Sponsors



**The Equipped Mold Designer:**  
**Tool Costing Is More Accurate and Streamlined with NX Mold Connect**  
Part 4: Find out how to use Tool Costing with Feature Recognition tools to quickly generate quotes to send to the customer. [Read more >>](#)

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## What's New at Cadalyst



**GIS SOLUTIONS:**  
**GIS Aids Planning Process for Electric Vehicle Charging Infrastructure**  
With the dramatic growth of electric vehicles, the need is rising for more EV charging stations. In this month's GIS Solutions column, find out how public agencies and consultants are using GIS to seek solutions to locate charging stations. *By Andrew G. Roe* [Read more >>](#)

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**Viewpoint: Advantages of Printing In-House vs. Outsourcing**

Printing in-house brings designers options and opportunities that can be stymied by outsourcing. Find out why! By *Jacob Hardin* [Read more >>](#)

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## CAD Cartoon

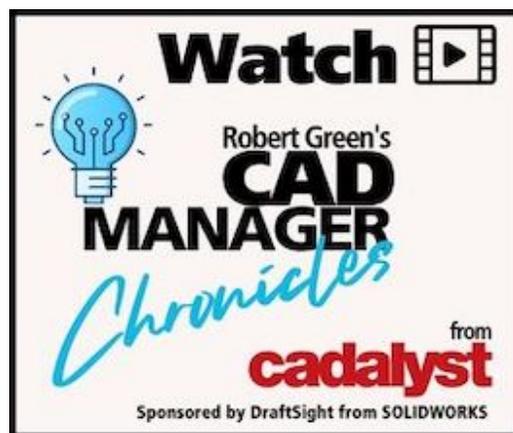


— By [Roger Penwill](#)

[Keep on Laughing!](#)

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## Free Resources



### CAD Manager Chronicles Video Series

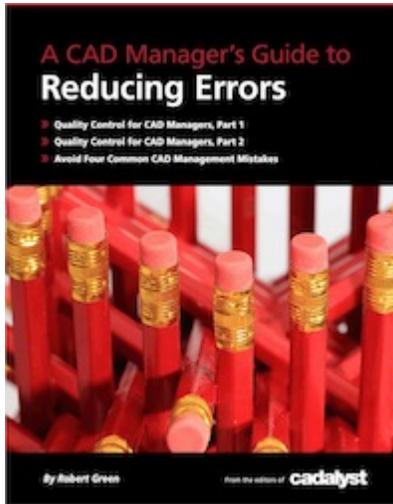
#### *Episode 2: CAD Management Plan*

Having a plan is your first step towards success. Watch this easy-to-follow introduction on how to streamline your process, ensure you have the right software

and hardware, keep your team up-to-date with training, and save money. *By Robert Green*

WATCH NOW

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## A CAD Manager's Guide to Reducing Errors

Whether your problems stem from users who ignore standards, a company culture that doesn't prioritize quality, or self-sabotaging management techniques, this guide will set you on the path to greater efficiency, fewer mistakes, and better results. *(Compiled from Robert Green's CAD Manager's Column.)*

DOWNLOAD NOW

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