

# cadalyst



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## To Stay on Top of Tech — Read More

**The best way to stay in front of new technology, software, trends, and issues is to read more daily, weekly, and monthly — how do you best find the time and how do you use your time wisely?**

The last few years have been stressful for CAD managers as the pandemic forced work-from-home support problems to the forefront of our day and the ever-changing licensing schemes, cloud products, and software updates made the job even tougher. We've had to rethink almost everything about how the procurement, implementation, and software support, without going insane. But, how can we keep up with it all? It turns out that reading more is the best weapon we have and in this edition of the CAD Manager's Newsletter we'll explore a few strategies to do just that. Here goes.



Image source: Scanrail/stock.adobe.com.

### Just Read More

Every month I wade through a huge amount of press releases, blog posts, tweets, articles, and reviews for all manner of software, hardware, and training resources. There's a lot to read out there and — let's be honest — not all of it is worth your time.

The most effective CAD managers I know read as much as they can from a wide range of sources, so they are immersed in a variety of news, opinions, and technical content. Further, they make reading a routine part of their day/week/month, so they are always current. Here is my personal day/week/month reading strategy for your consideration:

**Quick social scan.** I sign up for notifications from CAD-centric LinkedIn groups, Facebook groups, and follow vendors via Twitter. If something big is happening that impacts the CAD world, you're likely to see it in these locations first. I don't dwell on social media — as it can consume way too much time — but I do find a daily check-in to be of help. *Tip: Check social media feeds in the morning.*

**Read a business paper/blog daily.** I read the Wall Street Journal but you can substitute any good daily business paper or blog that is relevant for your country. The reason I recommend this is that we only have a job because the business we work for has projects to complete. The better you understand the business environment you operate in, the more you'll understand market ups and downs that could impact your career. *Tip: Read your business paper on lunch break to give your mind a break from CAD and project issues.*

**Browse a good IT resource weekly.** As CAD managers, we need to be aware of advances in hardware, networks, operating systems, and mobile devices so we can plan. The best place to read about these types of topics is in an IT-focused magazine or blog. I've read InfoWorld and CNET for years and have found them to be a fantastic resource for all sorts of IT topics.

**Read bloggers and vendor sites weekly.** These are the trusted authors, vendors, email newsletters, and blogs that "speak to me" most. Create a reading list or dedicated email folder for these items and read through them once a week so you can really focus on your reading. *Tip: I do my weekly reading items on Friday*

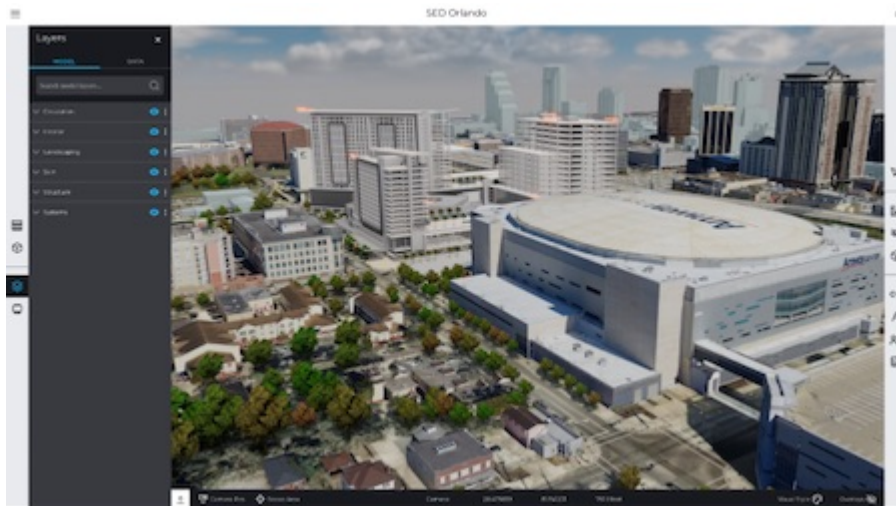
*afternoons as a reward for making it through the week and to energize my mind for the week ahead.*

**Read professional journals bi-weekly or monthly.** Any magazines, trade publications, or information that is relevant to the industry you operate in as well as CAD magazines typically publish monthly. I simply read these as they show up. Conclusion. By creating a reading structure, I find that I can ease in a habit of reading to enrich and reward my mind with new concepts.

*Now that you know what **to** read, how do you find the time to fit it all in? Find out Robert's tips on making sure you read what is useful and leave the rest, plus how best to expand what you read. [Learn more >>](#)*

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## Tools & Resources



### Clean Cities — Clean Future

Cityzenith has added Orlando to the rollout of its 'Clean Cities – Clean Future' Urban Digital Twin initiative, alongside other metropolitan centres including Los Angeles, NYC, Las Vegas, and Phoenix. Clean Cities – Clean Future helps cities, building managers, and infrastructure operators harness the massive data processing, analytics, visualization, and collaboration power of its AI-driven SmartWorldOS Digital Twin platform designed to help eliminate carbon emissions and slash energy costs, according to the company. [Read more >>](#)

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### BIM Help

IMAGINiT Technologies has released Clarity 2023, a suite of programs that perform the repetitive tasks that help BIM coordinators control of their models, and handle as related metrics and analytics. [Read more >>](#)

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### IronCAD Update

IronCAD released the IronCAD 2022 Product Update #1 (PU1), an extension to the most recent 2022 release. According to the company, it is geared towards mechanical machinery and fabrication design users. PU1 for IronCAD 2022 updates



the 3D Section Tool, usability for the 3D environment, and time spent for users during the detailing phase, according to IronCAD. [Read more >>](#)

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### Digital Twin for Machines

Schneider Electric has launched EcoStruxure Machine Expert Twin, a scalable digital twin software solution to manage the machine lifecycle. The software enables original equipment manufacturers (OEMs) to create digital models of machines. EcoStruxure Machine Expert Twin's intuitive environment includes drag-and-drop mechatronic components, VR/AR interfaces, and application-focused libraries, all of which enable the parallel engineering of mechanical, electrical, and control tasks.

[Read more >>](#)

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## What's New from Our Sponsors



### IIJA Act Triggers Flood of Infrastructure Work

AEC industry looks for technology to help handle wave of projects. *By Cadalyst Staff*

[Read more >>](#)

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## What's New at Cadalyst



## Episode 1 Communication Techniques



### **NEW VIDEO SERIES:**

#### **CAD Manager Chronicles, Episode 1: Communication**

Introducing Cadalyst's new CAD Manager Chronicles video series from CAD Management Expert Robert Green. In this kickoff episode, Robert discusses how best to use elevator pitches to make sure your CAD team gets the hardware, software, and support they need to be successful. *By Robert Green* [Watch the video >>](#)



### **Additive Manufacturing, Part 4.**

#### **Increasing Innovation and Reducing Inventory with Additive Manufacturing**

Case Study: When these two companies hit roadblocks in their design process, they turned to 3D printing. *By Cadalyst Staff* [Read more >>](#)

### **Digital Twins Find Their Place in Construction**

Civil Engineering: While the construction industry might not be quick to adopt new technology, the emergence of digital twins could change that approach. *By Andrew G. Roe* [Read more >>](#)

## **CAD Cartoon**



— By [Roger Penwill](#)

[Keep on laughing!](#)

## Free Resources

From the editors of  
**cadalyst**



Herrera on Hardware:

### The Evolving Role of the Mobile Workstation

## White Paper

### Mobile vs. Desktop Workstations for CAD

#### *The Evolving Role of the Mobile Workstation*

It comes down to physics — a desktide can always outperform a mobile workstation. Cadalyst hardware expert, Alex Herrera, looks under the hood of both to break down the pros and cons of each form factor.

DOWNLOAD NOW



**cadalyst** Pro Tips #9

**TRAINING CHECKLISTS FOR CAD MANAGERS**

Conducting training can be overwhelming. Whether you're an experienced trainer or new to the process, it's easy to overlook details that you need to succeed. With a little guidance from CAD management expert, Robert Green, you can be sure you're ready.

### Cadalyst Pro Tip: Training Checklist for CAD Managers

Training is an essential task on every CAD manager's to-do list. But with all those little details to remember, preparing a clear, informative training session can ve overwhelming. Use this handy checklist from CAD management expert Robert Green to help you be successful.

DOWNLOAD NOW

## More Digital Design Solutions

Product Design

Building Design

Civil Engineering

Prototyping

Design Testing

Conceptual Design

Reality Capture

Drafting & 2D



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