

GEN21729-R / GEN23718-R

CAD Standards Management

Mark Perrott – Autodesk Consulting
Senior Solution Architect



Class summary

A **Roundtable** discussion on the **Challenges** and **Solutions** for managing CAD standards.

You bring the **Questions**, the group bring the **Experience** and the **Answers**

Key learning objectives

At the end of this class, you will be able to:

- Discuss best practices for CAD standards management
- Talk about what's working and what isn't
- Explore options currently available
- Understand what may be achieved in a custom solution

Ground Rules

- Be Respectful of the Group
- Avoid Side Conversations
- Step Out for Cell Phone Calls



Who am I and Who are You?

- Me
 - Solution Architect with Autodesk Consulting
- You
 - < 10 CAD Users
 - 10 – 50 CAD Users
 - 50 – 250 CAD Users
 - 250 +
- Industry (AEC, MFG, M&E...???)



HOW STANDARDS PROLIFERATE:

(SEE: A/C CHARGERS, CHARACTER ENCODINGS, INSTANT MESSAGING, ETC.)



<https://xkcd.com/927/>

Business

- What is the **Need**?
 - Does the business understand?
 - How do we justify Standards?
- What is the **Support**?
 - How do we get resources?
 - What is the process?



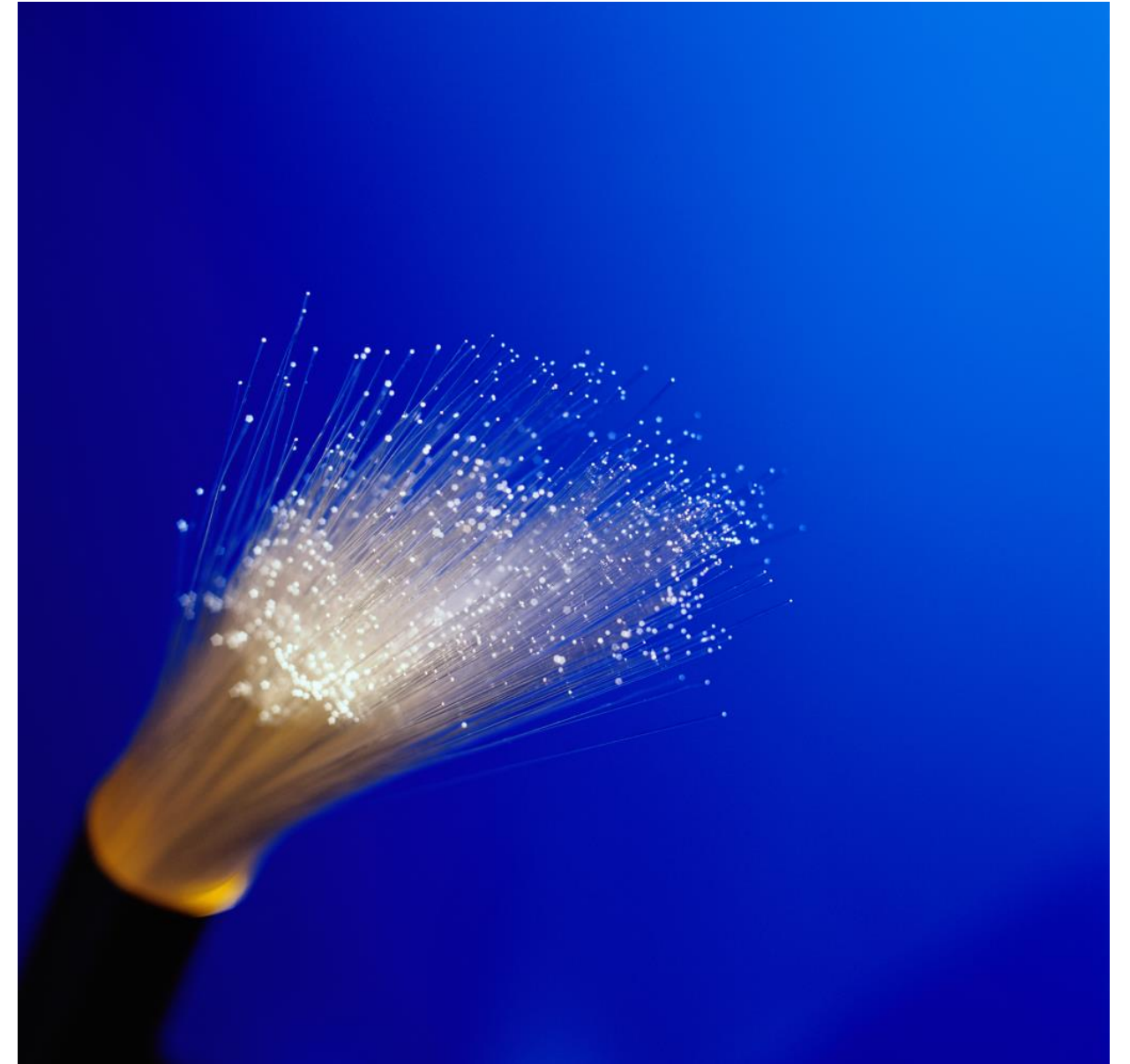
Data

- What are Standards?
 - Blocks / Line Types?
 - Processes / Practices?
- What Formats?



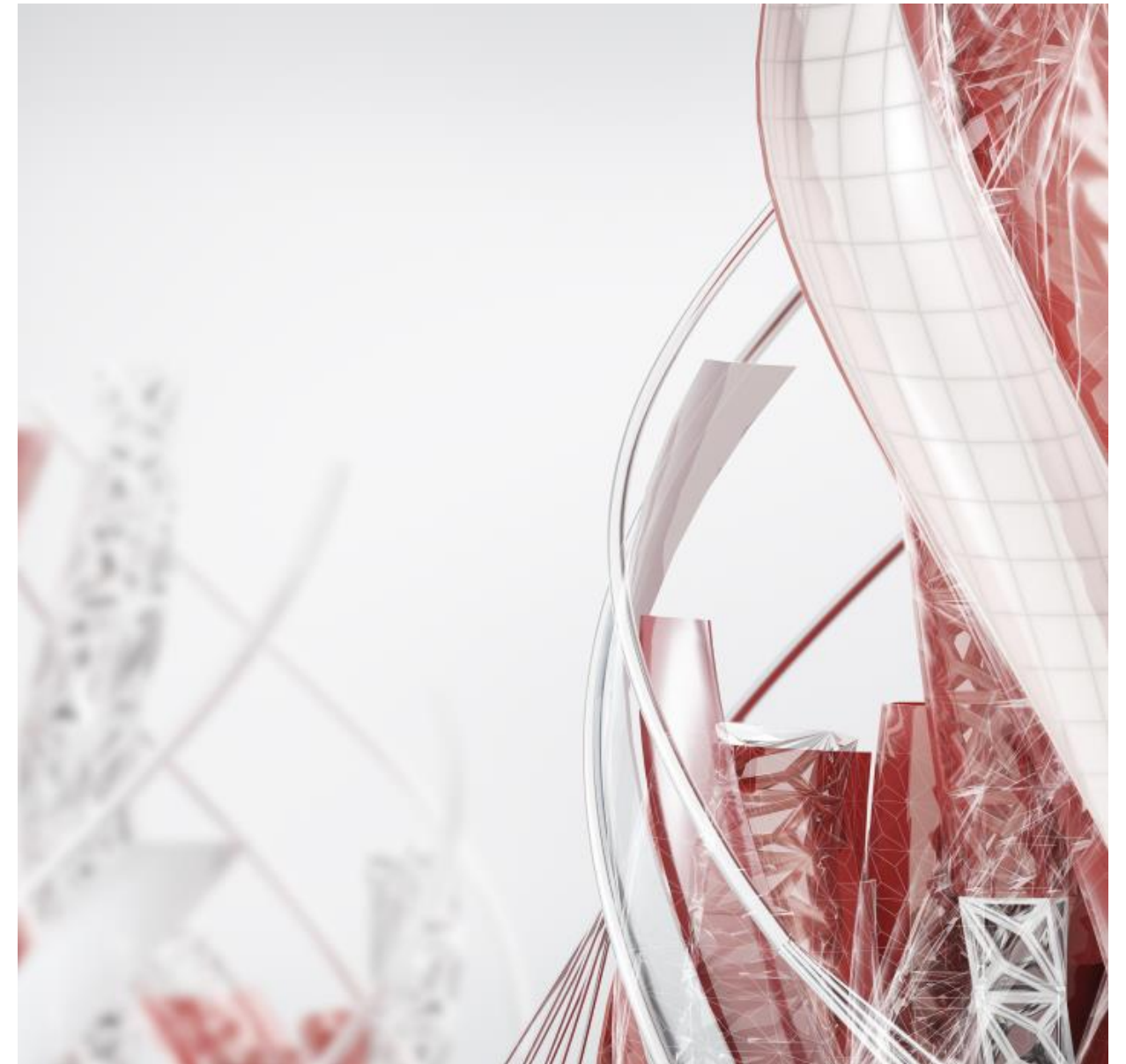
Technology

- Where do we **Store** standards?
- How do we **Distribute** Standards?
 - Network Shares
 - Vault
 - PowerPoint
 - Manuals



Application

- How do our applications **Support** standards?
 - Sheet Set Manager
 - Batch Standards Checker
- What can be done to **Enhance** Application Support?
 - Smarter Use
 - Scripting
 - Customization
 - 3rd Party



How did I do?

- Your class feedback is critical. Fill out a **class survey** now.
- Use the AU mobile app or fill out a class survey online.
- Give feedback after each session.
- AU speakers will get feedback in real-time.
- **Your feedback results in better classes and a better AU experience.**



