

BYO ANYTHING



BYOD or BYOC?

With the PC's shortcomings as a hub for classroom connectivity, we must examine the root cause of what is stressing the capabilities of the classroom PC: Bring Your Own Device, or BYOD. From an IT perspective, BYOD is where faculty or students connect their smartphones, tablets, personal laptops and other devices to the campus network.

BYOD has major implications on IT infrastructure, including classroom and presentation technology. Within the context of a class, it's not only the act of connecting devices that's important – it's the act of accessing content in general. That's why BYOC – Bring Your Own **Content** – is perhaps a better categorization than BYOD in a classroom or classroom setting.

Classroom technology needs to accommodate devices and access content equally well. Inability to connect devices and access content are among the most common reasons for a class to be categorized as a failure; and the root cause is usually the room PC.

BYOC and the room PC

The BYOD/BYOC phenomenon reinforces why PCs are not well suited as content hubs: They are great for creating content and accessing information, but not quick and agile enough to support real-time access to content during classrooms. That’s why many methods have evolved for accessing content during a class, including:

Device	Methods of Accessing Content
Laptop	<ul style="list-style-type: none"> Connecting directly to a display or projector and accessing local files from the laptop Connecting to a table top AV box mounted on the conference table via HDMI or DVI cable
Portable Storage	<ul style="list-style-type: none"> Accessing files from a USB storage device connected to a USB port in a table top AV box Accessing files from USB connected to a room PC or laptop
Campus Network	<ul style="list-style-type: none"> Accessing network resources via a networked room PC Accessing network resources via a networked laptop connected in one of the methods shown above
Internet	<ul style="list-style-type: none"> Accessing files and other content from the internet via a networked room PC or laptop
Media Devices	<ul style="list-style-type: none"> Delivering content via a DVD player, Blu-Ray player or other device
Broadcast	<ul style="list-style-type: none"> Playing broadcast content from a cable box or “Apple TV” type box

These are all effective methods for accessing content; however, many of them frequently fail because they rely on our old friend, the PC, as a connectivity hub. Whether connecting a USB drive, accessing files on the corporate LAN or accessing the web, the room PC has serious shortcomings: Software updates, complex login procedures and long boot times, to mention a few. And as a result, room PCs can be nightmares for the IT support staff.

The question is: If the room PC isn’t optimal for accessing content in a classroom, what’s the alternative?

From the AMX White Paper “The Evolution of Learning Space Technology” (www.amx.com/education)

TAKE ACTION

To learn how AMX's award-winning products can help your organization manage the new world of BYOD, BYOC and rich content, we invite you to explore the information on our website.

The **LEARN** page (<http://amx.com/education/learn.aspx>) includes a broad range of general resources on the AV industry, as well as Product Guides covering most major AMX products. In particular, you might be interested in AMX's classroom solutions as discussed above:

- [Enzo](#). Describes the amazing “always on” content management device discussed in this White Paper.
- [Enova® DVX Family](#). Describes our ultra-reliable line of All-in-One-Presentation Switchers.
- [Resource Management Suite \(RMS\) Overview](#). Describes our software package for real-time remote monitoring of AV assets.
- [AMX Modero® S Family](#) and [AMX Modero X® Family](#). Describe the industry's most awesome lineup of touch panels.
- [HydraPort®](#). Describes our configurable architectural connectivity products.

The **PLAN** page (<http://amx.com/education/plan.aspx>) includes an interactive tool that allows you to visualize the typical classroom configurations that AMX offers, and to explore which room configuration is best suited to your needs.

You can always **CONTACT A SOLUTIONS ADVISOR**, who will be glad to guide you through the process of identifying, specifying and purchasing your ideal classroom or classroom AV solution. The “Contact an Advisor” link is at the top of every page of the AMX website. Options to connect include chat, phone and email.