

The Adaptive Architecture: A Modular Approach to e-Learning

The Adaptive Architecture is both the organizational and technical means for assembling integrated, proven learning content that is highly modular, flexible, and efficient. The Architecture allows us to tap our vast collection of training content in the areas of security, privacy, and compliance to find the right match of content for each individual client need.



SECURITY



PRIVACY



COMPLIANCE

The Training You Need, When You Need It

A truly adaptive employee awareness training program allows you to build courses with just the right content to meet your specific needs. Such a program also allows you to arrange content to meet demanding requirements to reduce training length.

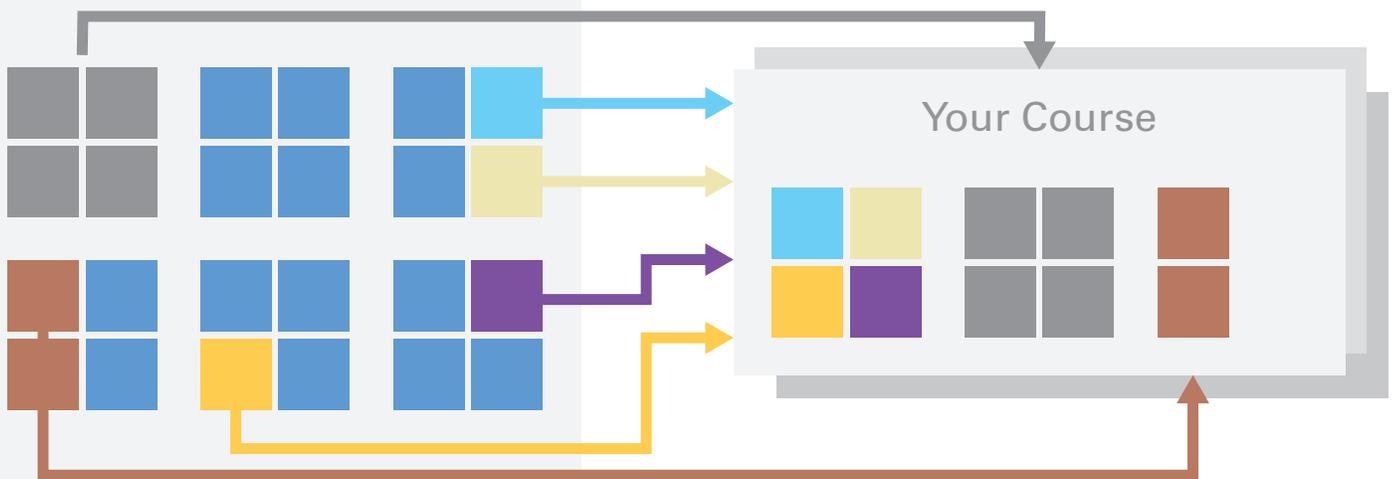
All this and more is possible, and easy, with MediaPro's exclusive [Adaptive Architecture™](#).

The Adaptive Architecture's flexibility keeps you from being locked into predefined content coverage, a core problem with most other e-Learning solutions that makes customization difficult.

By design, the Adaptive Architecture is:

- Modular
- Flexible
- Customizable
- Easily Deliverable

Adaptive Curriculum Topics



MODULAR

The modular nature of a MediaPro curriculum begins with the basic building block: the topic.

A topic is the smallest unit of instruction in our architecture. It corresponds to a narrowly defined segment of a content area—for example, a topic on “Password Best Practices” is one topic in the topic group called “Safe Computing,” or a topic on “Conflicts of Interest” is one topic in the topic group called “Business Ethics.” Think of a topic as a single Lego building block in a boxful of Legos; or as a single song in a music library. Pull together a set of these topics and you’ve got a course, just as a set of Lego bricks is built into an airplane, or a collection of songs forms a playlist.

In working with hundreds of different clients, we saw that the full library provided pretty much everything our clients needed. But we also noticed that no one client needed them all, and that most clients needed a relatively unique set of topics. Therefore, we had to build our topics in such a way that any one client could mix and match topics to meet their requirements for content coverage and course length.

Here’s how we did it: each topic is built around a specific unit of measurable learning content that is framed by a learning objective (the classic unit in instructional design). The content—what your employees will experience in the course itself—directly supports the learning objective and is designed to be to-the-point, engaging, and interactive. Each topic is also accompanied by supporting features we call “attributes”: the learning objective, two assessment questions (these are scored), a knowledge check question (these are unscored), and a summary statement. When you select a set of topics to build your course, these attributes are assembled dynamically to support your instructional goals.

EASILY DELIVERABLE

No special plug-ins are needed to take advantage of the Adaptive Architecture.

The Adaptive Architecture is not built on or with proprietary tools or technology. It is built in web-native HTML, JavaScript, and XML. No required plug-ins or installed components are needed.

Courseware assembled in the Adaptive Architecture can be delivered over workstations, laptops, and tablets; and from any standard browser and over any standard OS.

ASSEMBLE



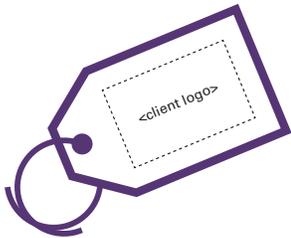
Assemble your course from more than 200 topics.

CONFIGURE



Configure to meet the learning needs of your employees.

BRAND



Brand with your unique logo and color guidelines.

DEPLOY



Deploy on an LMS (yours/ours). Desktop or tablet.

FLEXIBLE

The great benefit of this level of modularity is that it is flexible.

You have complete control over which content goes into creating the course, and thus the course length. You do not have to buy a 20-minute unit on Privacy Principles, for example, when all you want is 4 minutes of content where employees identify and classify personal information. Moreover, you can determine whether employees must pass a test at the end of the course, or whether signing an electronic pledge will be sufficient (among other things)

But this flexibility goes beyond determining content and length. You can also select which content goes to which employee groups using the unique selection profiling built into our Adaptive Architecture.

Say, for example, you want all employees to get a lesson on “Code of Conduct.” But you also want one subset of employees to get a lesson on “Anti-Money Laundering” while another gets a lesson on “Insider Trading.” You can bundle all the content into a single course and have employees select the track that is right for them, based on their job role, for example. (This profiling selection tool allows you to choose languages, job roles, or content preferences, based on your needs.) One of the core benefits of using the profiling tool to distribute multiple strands of content is that it allows you to manage a single course on your learning management system, rather than multiple courses. This makes for easy reporting and analysis.

The Adaptive Architecture also supports MediaPro’s ability to provide role-based content to specific job functions within an organization. Learning theorists agree that adult learners accept the information in new training when they can see how it relates to their interests, job role, and personal objectives. If the content is perceived as being helpful in accomplishing one’s personal or business goals, then the learner is more likely to be motivated. If not, the material is less likely to stick. In a nutshell: the more relevant learning content is to your employees, the more likely they are to retain it.

CUSTOMIZABLE

Third-party content can be added into the Adaptive Architecture.

The examples we’ve provided about how to deploy learning content using the Adaptive Architecture are all drawn from our existing libraries, but the architecture itself is content agnostic. Your own training content can be integrated into the Adaptive Architecture allowing you to present a specific message to a particular audience.

For example, you can add your own training content designed specifically for your call centers, IT professionals, or executives. This new content can be dynamically filtered and presented to the proper audience using the Adaptive Architecture. Your content can enhance or replace our existing library content, but you can still reap all the benefits of the Architecture.

Adaptive Architecture: Superior Course Construction

Easy Updates

Because the content is modular, updates can be made at a topic level without impacting the entire training program. You can update content when regulations change, or you can swap topics in and out of courses to refresh training from year to year.

Modular Structure

Content can be assembled and presented in the form it's needed. Need a short course on social engineering for executives? No problem. Need a longer and more in-depth course for IT? Design exactly what you need. Multiple language selection? Just-in-time content for new phishing threats? All can be configured easily and deployed rapidly to respond to current threats and to meet your changing needs.

Pain-Free Customization

All content is contained in externalized XML files that can be easily compiled into a format (a script) that allows for clients to easily and cheaply customize content. New custom content can be easily added so the training is in 100% alignment with your policies and procedures.

About MediaPro

MediaPro is nationally recognized for producing award-winning, Web-based security, privacy, and compliance training that reduces risk and changes employee behavior. In addition to the MediaPro line of training for general security and privacy awareness, MediaPro also develops custom security and privacy e-Learning courseware.

MediaPro has won over 100 prestigious awards for instructional excellence.