

xAPI vs SCORM vs AICC

eLearning Standards Comparison

1993



AICC

Aviation Industry
Computer-Based Training Committee

Released 1993 | Last update 1999

✓ Advantages

- Supports secure HTTPS data transfer
- Supports cross-domain tracking

✗ Disadvantages

- An outdated standard developed in the 80s
- Limited tracking capabilities
- Compliance limitations
- Doesn't support mobile learning
- No support and updates

1999

SCORM

Shareable Content Object Reference Model

Released 1999 | Last update 2009



✓ Advantages

- Plug-and-play functionality
- Easy and fast content creation
- Widely supported
- Compliant
- Basic course completion tracking

✗ Disadvantages

- An old standard, with the most popular version dating from 2004
- Works only in LMS
- Doesn't support multiple sources
- Doesn't support mobile learning
- Doesn't support offline learning
- Doesn't support modern learning techniques
- Last update was in 2009

Learn more about SCORM
<https://www.valamis.com/hub/scorm>

2013



xAPI

Experience API

Released 2013 | Last update 2016

✓ Advantages

- Wide integration capabilities
- Captures data from a vast array of sources
- Allows the connection of learning and performance
- Supports mobile learning
- Supports offline learning
- Supports simulations
- Supports modern learning techniques
- Compliant
- Continuously developing

✗ Disadvantages

- Requires specific knowledge from developers
- Requires tight work between departments

Examples of xAPI in Action

MOBILE APP



Jim started a lesson on his desktop and continued it on a **mobile app** without an internet connection. The **data was collected** and stored inside the app and was transferred to the LRS when he was back online.

VR LESSON



Jack was doing training on how to work with new firefighting equipment in a **VR lesson**. He tested different scenarios **without any risk to his life** and passed the test with a score of 96%.

ONBOARDING LEARNING PATH



Laura completed the **onboarding learning path** consisting of onboarding lessons and onboarding videos, and she answered the quiz with a score of 98%.

TRAINING COURSE



Dylan participated in an experiment at work, and his score collected before the experiment showed that he **improved his skills by 37%**, after training, which was captured with **xAPI**.

LRS
Learning Record Store

Learn more about xAPI
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