



## Trends in SIS and LMS Solutions for K-12 Education

Summarized by *Emil Ahangarzadeh, Ed.D.*



[TechSETS Google+ Page](#)

---

*This research summary is a service of TechSETS, based on research conducted by Gartner, and is summarized with permission from Gartner. Individual TechSETS members may request a complete copy of the Gartner Research Report referenced and summarized in this article as outlined at the end of this document.*

---

Student information systems (SIS) and learning management systems (LMS) are typically viewed as transactional systems by teachers, resulting in a lack of ownership at the classroom level. A new solution, referred to as the instructional management system (IMS) will supplant current SIS and LMS solutions according to analyst Bill Rust. The IMS will include the features and functions of an SIS and an LMS and facilitate substantial changes in the teaching and learning environment.

According to this five-page report, education leaders and CIOs should look for student data solutions that promote classroom ownership of information by providing actionable data to students and teachers. Moreover, SIS/LMS solutions must be tightly integrated with each other and other instruction resources. Rust also recommends that before adopting a data solution, CIOs should make sure that the solution includes analysis and prescriptive guidance for individual learners.

The research note provides a report on current market conditions as well as emerging market trends with relation to SIS/LMS products. Most interestingly, Rust suggests that the emerging IMS solutions will lead the way in the disruption of the Industrial Age education model built for group instruction and sequenced on the number of hours of attendance. The IMS will transform organizations by personalizing instruction by facilitating frequent and unobtrusive online assessment and delivering individual instructional activities based on student characteristics.

---

\*Members of TechSETS may request an individual copy of the original Gartner research note summarized herein by TechSETS staff. To request the original document, you must be a registered member of TechSETS and be employed by a K-16 educational organization. To register as a member of TechSETS, [click here](#). **To request an individual copy of the research note summarized in this document, [click here](#).**

Rust, B. (2014, January). *Trends in SIS and LMS solutions for K-12 education* (Rep. No. G00236610). Stamford, CT: Gartner.