

SMART ED

EARLY WARNING SYSTEM TO CURB HIGH SCHOOL DROPOUTS

ATi SMART Education (SMART EDSM) uniquely identifies students at risk of dropping out of school and delivers real-time guidance to alert officials of the necessary intervention requirements to change the path of individual students and ultimately improve high school graduation rates. As Bill Gates, founder of Microsoft recently noted, "The world of education is the sector of the economy so far the least changed by technology." ATi's SMART ED changes how technology is used in education. We empower administrators, educators, counselors and families with the guidance to intervene, providing choices and alternatives for authorities to make the best decision, increasing the likelihood of graduation.

ATi's proprietary advanced modeling and predictive analytics technologies serve as the SMART ED platform of a critical early warning system. SMART ED provides education authorities Intelligent InformationSM to proactively direct focus, intervene and change a student's track based on their individual situation. We predict the interventions most likely to succeed, measure the impact of actions taken and alert educators of changes on which to act immediately, maximizing impact and improving our educational standing in the world.

IDENTIFYING INTERVENTION CHANGES STUDENTS' COURSE

Our future is dependent on an educated workforce. Educational priorities are often defined by economics and availability of resources. The startling statistic that less than 75% of all ninth grade students will graduate within four years of entering high school is a crisis that requires early intervention. Studies show increasing graduates with a quality education has a positive impact on state and national revenues and reduces billions of dollars spent on rectifying the shortcomings of a failed high school education.

ATi SMART ED is a solution that identifies students at risk, directs educators to the best intervention programs and support plans, changing a student's trajectory. The ATi SMART ED solution is a faster, more cost effective way to intercede now and help the 25% of our youth who are failing to receive a high school diploma in four years.

ATi's SMART ED software-as-a-service web application combines powerful analytics and scientific modeling using the school's existing data assets and external resources to:

- Characterize students and groups at risk, including those with no adequate interventions today.
- Identify probabilities of dropouts at an early age.
- Recommend programs and interventions that are likely to increase a student's probability of success.
- Provide intervention guidance options in a web-based user interface "dashboard" for immediate action.
- Tailor recommendations and information based on the role of the intervention: administrator, educator, family or counselor.
- Measure the impact of an intervention to guide program selection and continuation.



SMART ED PROVIDES OUR YOUTH A BRIGHTER FUTURE



ATi SMART ED predicts the likelihood to dropout of high school in real-time by analyzing dozens of student variables with millions upon millions of potential combinations, producing an early warning system to identify the dropout potential of individual students all the way back to 5th and 6th grades.

ATi's data-driven technology and advanced analytics help institutions of learning and administrators define trends and focus on more effective programs. ATi's SMART ED evaluates predictive criteria including student characteristics, socio-demographics, and individual student performance variables like attendance, GPA and test scores, in addition to school factors such as interventional programs and the type of learning institution. The SMART ED solution provides educators proactive identification so they can advise youth at risk in the middle school and elementary years for early intervention.

The ATi SMART ED solution provides individual predictions, recommendations and the likelihood of success. SMART ED produces Intelligent Information that can be viewed at multiple levels—student, school-wide and district-wide so administrators, counselors and teachers can prioritize and target the intervention needed to address the probabilities of students dropping out of school.

ATi's solution gives power to those that are seeking ways to intervene and reduce the long-term, costly impacts of dropouts by predicting those at risk of not receiving a diploma. SMART ED is an early warning system that provides uses data to recommend intervention opportunities and help our children increase the probability of graduating with a brighter future. Call today to learn more about ATi's SMART ED!

Student Number	Probability	Change	GPA	Recommended Intervention
45279	21.96%	↓ -2.19%	3.00	Freshmen Academy
46196	13.71%	↓ -0.37%	1.14	Small Learning Community
41002	12.19%	↓ -1.26%	1.79	Vars Program
48196	13.55%	↑ 0.25%	1.67	Vars Program
43007	10.97%	↑ 0.31%	1.42	Interest Driven Programming
46422	9.88%	↑ 0.86%	1.91	Contact Parent or Guardian
46529	7.11%	↓ -0.55%	1.90	Freshmen Academy
46529	7.11%	↓ -0.55%	1.90	Interest Driven Programming
43558	6.71%	↓ -0.59%	2.08	Small Learning Community
44434	6.26%	↓ -0.50%	1.14	No Recommendation
46956	5.44%	↑ 0.31%	3.44	Vars Program
43942	4.89%	↑ 0.16%	1.50	No Recommendation
47400	4.15%	↓ -0.32%	2.64	No Recommendation

Adaptive Technologies, Inc. (ATi) helps education leaders make better decisions. We provide tailored business intelligence and advanced predictive analytics solutions turning data into intelligent, actionable information. We empower leaders with Intelligent InformationSM that improves performance, reduces costs and optimizes relationships. ATi helps you **Decide. With Confidence.**