

CASE STUDY

AISN Builds Award-Winning Online State School Report Card

To foster school transparency, the VDOE engaged Virginia eGov contractor AIS Network to develop Virginia's first online, interactive state school report card, the [Virginia School Quality Profiles](#). AISN leveraged enhanced technologies, processes and methodologies to aggregate, analyze and display millions of data points on 1,800+ schools, allowing the public easy insight into Virginia school performance. The site has received six prestigious design awards, making it the "most awarded" government website in Virginia.

Client

The Virginia Department of Education is a \$2 billion executive branch agency that provides support, guidance and technical assistance to Virginia's 132 school divisions, which serve more than 1.25 million public school students and their families.



Challenge

In 2015, the Virginia General Assembly directed the state Board of Education to redesign the commonwealth's School Performance Report Cards to communicate more effectively about the achievements of Virginia's public schools. The report cards had been published annually since the late 90s and were a bulky compilation of disorganized, static PDF reports and Excel spreadsheets on schools and school divisions. For the public, finding needed information felt like a scavenger hunt. For staff, generating and posting reports was a time-consuming, manual process.



Solution

The AISN team created enhanced processes and methodologies for aggregating, analyzing and displaying millions of VDOE data points via dozens of distinct, visually attractive and easy-to-interpret visualizations –dynamically presented at the state, division and school levels and easily downloaded. On the back end, a custom web service takes public data from a legacy Oracle database and pushes scrubbed data into a second MySQL database. The SQP site is mobile-friendly and meets all accessibility requirements.



Results

In the Virginia SQP, AISN has created a modern, interactive dashboard that currently displays nearly 70,000 report card visualizations and tables for more than 1,800 schools, 132 school divisions and the state. Since its debut in 2016, the SQP site has won five national awards and one regional award for excellence in website design. Over the years, AISN has continued to upgrade the site, developing new visualizations and providing ongoing design, hosting, security, support and maintenance.

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