SBT ALLIANCE
Smarter Building Technologies Alliance

INNOVATIVE SOLUTIONS FOR EDUCATION

EDUCATION

Whether you operate a public or private university or manage a primary K-12 school, ensuring students' health, welfare, and safety is a top priority for all educators. As new technologies hit the market with ever-increasing speed, keeping tabs on how the latest and greatest gizmos can help foster environments that promote learning and focus is no easy task.

Smarter Building Technologies (SBT) Alliance works with our educational clients to develop custom education solutions that enable educators to provide safer, healthier, and smarter educational environments for their students and staff alike. All while keeping in mind the budget restraints often placed on your operating and capital improvement budgets.

Ease of Implementation

Cost Effective

Highly Intelligent

At the center of SBT's educational solutions is the transformative power of today's Internet of Things (IoT) technology.

Through advanced controllability of facility systems, school staff can easily ensure the right temperature and lighting levels are consistent throughout the day and school year with the touch of a button, resulting in:

• Lower Energy Costs
• HVAC Improvements
• Space Utilization
• Improved Productivity
• Security

1 **LOWER ENERGY COSTS**
LED lighting greatly lowers cost together with adjusting light levels by occupancy and settings.

2 **HVAC IMPROVEMENTS**
Realize significant savings by not heating/cooling unoccupied spaces through per-defined occupancy-based control profiles.

3 **SPACE UTILIZATION**
Identify occupied and un-occupied spaces for energy savings, safety and determine best usage of space.

4 **IMPROVED PRODUCTIVITY**
Optimize light and tempera-ture in classrooms including color-tuning to create ideal learning environments.

5 **SECURITY**
Through advanced location services educational institu-tions can now account for student locations in the event of an emergency event.
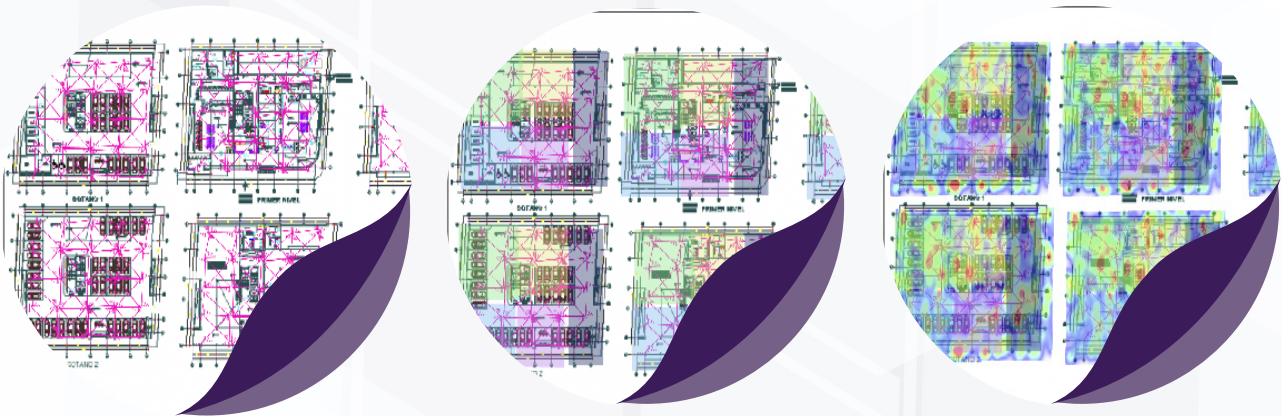
CREATING SMARTER, SAFER EDUCATIONAL ENVIRONMENTS

SBT Alliance division, Glued Solutions (GSI), is the industry's leading provider of smart application development services that transform facilities and school environments into intelligent, streamlined, and interactive spaces.

Working one-on-one with educators and facility management staff, GSI system engineers craft custom applications to suit any need, including, custom education facility applications, like heat-mapping, student locator, and security-centric solutions.

LEVERAGING SMARTER LIGHTING AND IOT TECHNOLOGIES

Driving productivity and space analysis through lighting connectivity is at the heart of SBT's technology-centric solutions. In addition to the immediate financial and energy-saving benefits of an upgraded LED lighting system, the fixture-embedded controls provide the ultimate digital foundation to create a more holistic, smarter, and connected facility. Here's how:

Connected Network

The networked control system offers the ideal digital platform to gather advanced energy analytics and build custom applications that drive deeper occupant connectivity and facility analytics.

Custom Zoning

The networked controls further enable end-users to customize zones within the facility with a click of a button. And with advanced system support from SBT Alliance, system technicians continually monitor zone performance to ensure each zone delivers the highest possible value.

Occupancy Sensing & Heat Mapping

Taking things a step further, SBT system engineers leverage big data analytics to provide more in-depth insight into your facility, zones, and occupants through interactive heat-mapping and emergency location tracking.

SBT Alliance is committed to helping our educational clients create inspiring environments that nurture comfort, safety, focus, and learning. Through today's advanced IoT technologies, so much more is possible than even a few short years ago. With today's LED-driven IoT technologies, creating a smarter, more efficient school or university campus is easier than ever.