

When it comes to choosing
a college or university,
image is everything.
How good do your
building management
systems make you look?



University Building Management Solutions

t.a.c. 



Create the best possible learning environment in

You go the extra mile to enroll the top students, attract the best faculty and develop the right infrastructure. What more can you do to enhance the prestige of your school and keep enrollment and endowments at record levels?

Do what Boston University did. Create one of the safest, most comfortable learning and living environments in the world. Invest in an integrated building management solution—and reduce your capital and operating expenditures in the process.

Do it with TAC, the company Edinburgh University and other leading universities choose to solve today's challenge of providing an energy-efficient, appealing, secure campus, while maximizing limited financial resources.

"Like any university, our buildings have diverse uses that change all the time. We need to respond to the community's needs by balancing energy conservation with energy use. We chose TAC."

~Tim Sweet, Syracuse University's Director of Energy and Computing Management



a way that makes you look like a financial genius.

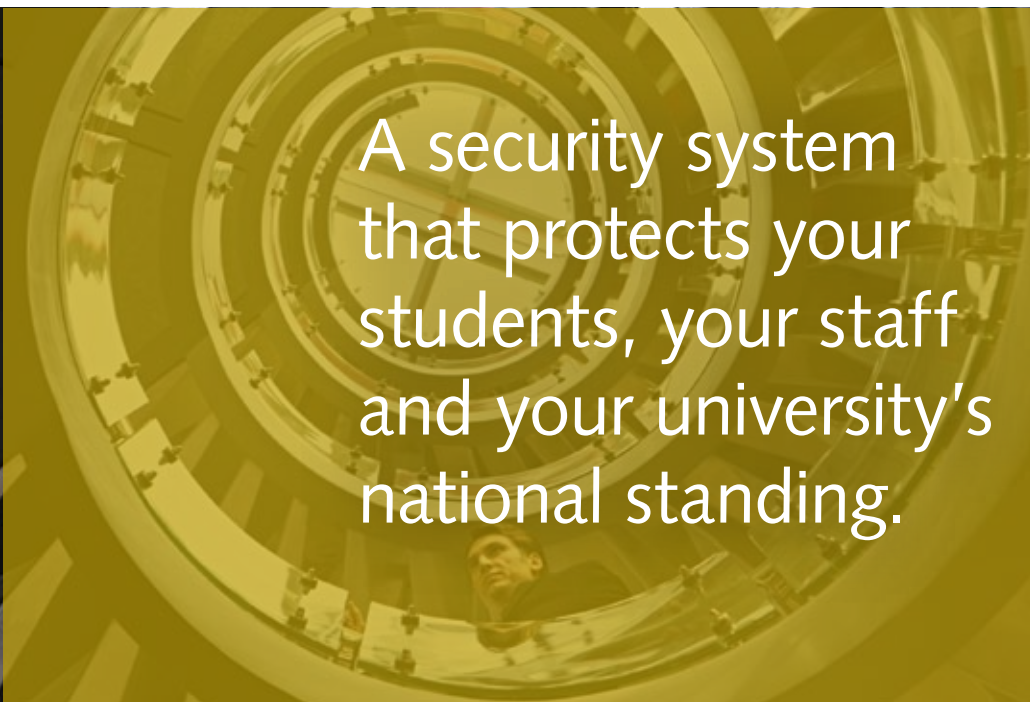
Your team runs one of the top universities in the country, with high overall rankings for academic standards, facilities and campus atmosphere. How can you protect your school's rankings?

With a partner who knows that security is more than just locking the doors. It is also about safeguarding your hard work and accomplishments. TAC understands. That's why we offer state-of-the-art security solutions designed specifically for universities.

- Smart card access control systems that secure facilities while allowing for easy access by authorized persons. More important, dorms, labs and other sensitive areas are protected from intruders who do not belong.
- Call stations for remote sections of campus integrated with CCTV cameras, exterior lighting and campus voice communications, all linked directly into the campus central security station.

- CCTV and DVR solutions from TAC's security partner, Integral Technologies, that are discrete, yet effective in monitoring vulnerable points on campus for greater security and speed of response by campus police.

TAC works with your team to ensure your campus offers a safe environment, where the focus is on learning and growth. Where students and faculty feel secure, and loyal alumni take pride in the reputation of their alma mater.



A security system
that protects your
students, your staff
and your university's
national standing.



Security





Your campus is an energy-intensive atmosphere with thousands of students and faculty coming and going from buildings 24 hours a day. Those buildings need to perform, but with soaring energy costs, efficient performance is a must.

TAC implements programs designed to reduce your university's energy consumption. By analyzing campus facility operations and energy consumption patterns, we identify opportunities to replace old systems with today's energy-efficient technology. Then, through energy services that constantly monitor campus energy consumption, TAC ensures that your campus continues to run as efficiently as possible.

TAC can even help make an energy efficiency program easier to sell to your finance staff, with financial analysis. And when appropriate, risk management through results guarantees and financing.

Working with our parent, Schneider Electric, TAC can deliver a powerful combination of electrical distribution and building management solutions that drive down your energy cost expenditures.

Finally, TAC can "future-proof" your campus by taking into consideration your future building and energy needs in a sustainable energy plan.

So, as the academic years go by, your buildings will continue to make the grade—delivering optimal learning environments as class starts, and conserving energy when class is over.

POP QUIZ.

Chances are energy costs will only go up. What's your campus doing about it?



Energy

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In 1992, Syracuse University deployed the initial TAC system with a goal of achieving energy cost savings of 10% over three years. The goal was exceeded with a payback of \$1.7 million in annual cost savings. Since then Syracuse has continued to advance the operational efficiency of its building management systems to drive down energy consumption.



Integrated systems cost
less to design and install.
Less to operate over time.
And less to upgrade.
You do the math.

TAC's open, integrated systems enable campus building systems to communicate and work together on a daily basis. And that's only one of the benefits. Integration also reduces initial capital investment, as well as cutting your ongoing operating expenditures.

One design team and one installation team can consolidate systems such as building management, fire, security,

structured cabling and IP networks into a single infrastructure. As a result, your capital investment is reduced by as much as 24%. Plus, over time, you can save up to 37% on operating costs.

TAC's open, standards-based technology is just as cost effective when you're refurbishing facilities. It makes sense for your day-to-day operations, too. Because it gives your staff a complete view of the

network and the systems are flexible, training is easier. The bottom line: your facilities are more responsive to the needs of the university.

Our award-winning excellence in integration makes us the right partner to help you realize the clear advantages of this innovative approach to optimizing your college's facilities.

Integration

Georgia Institute of Technology (Georgia Tech) is a leading U.S. technology institution with a campus of 160 buildings and 20,000 students and faculty. The school migrated to a TAC access control system and eliminated redundant departmental systems and maintenance and compatibility problems.



TAC received the 2006 Frost & Sullivan Excellence in Technology Award in the field of Integrated Building Systems.

Universities where TAC passes the test:

Boston University, USA; Dublin City University, Ireland; Edinburgh University, UK; Edith Cowan University, Australia; Georgia Tech, USA; Malmö University, Sweden; Nannestad College, Norway; South Danish University, Denmark; Southern Methodist University, USA; Tampere Polytechnic, Finland; Texas Woman's University, USA; University of North Texas, USA; University of Tromsø, Norway; University of Oulu, Finland; University of Wales, Swansea, UK; Uppsala University, Sweden

Universities have countless (and sometimes priceless) investments to protect. These include everything from research programs and library collections to rare manuscripts, artifacts and valuable works of art.

When combined, TAC systems and services excel at providing exactly what you and your institution require. We work to deliver precise lighting, temperature, airflow and humidity controls for every facility on your campus. Any time of the day or night. Now, and far into the future.

Our team of experts collaborates with you to design and deliver the systems, tools and training that keep your facilities running safely and easily, with the highest standards of reliability.

TAC's experience, customized solutions and extended services (such as remote monitoring) help you maintain an ideal environment throughout every single building on your campus. So, you'll feel comfortable and confident even under the most challenging of circumstances, such as your quarterly board meeting.

Improve the climate
on campus.
Not to mention
in the boardroom.

Confidence



www.tac.com



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