



# Innovation for Higher Education

Raising performance across college  
and university campuses





# Supporting the mission of higher education

Unleash the potential of your campus. Buildings impact every aspect of college and university life and influence your important work in shaping the next generation of dreamers, innovators, solvers and doers. At Trane, we understand your educational, business and sustainability goals, and offer solutions to reach them. By helping you navigate the complex landscape of energy supply networks, mastering energy efficiency, and making sure students have the best environments for learning, Trane helps you achieve your mission.

Let's go beyond.

Let's start transforming your campus for the future. Let's work together to create a financially strong, environmentally responsible and connected campus.

Through our consultative approach—leveraging our knowledgeable building professionals and industry-leading technologies—Trane will take your school beyond all expectations.



## Providing total transparency into campus energy use

Bringing visibility to your sustainability efforts gets students, faculty and the community involved. The interactive dashboard provides detailed information about campus energy use and carbon reduction progress.



### SAFE AND CONTROLLED SCIENTIFIC AND MEDICAL FACILITIES

Trane offers advanced temperature, ventilation and air filtration technologies that protect personal health and safety, and preserve the integrity of experiments and lab results.

### EFFECTIVE OPERATIONS

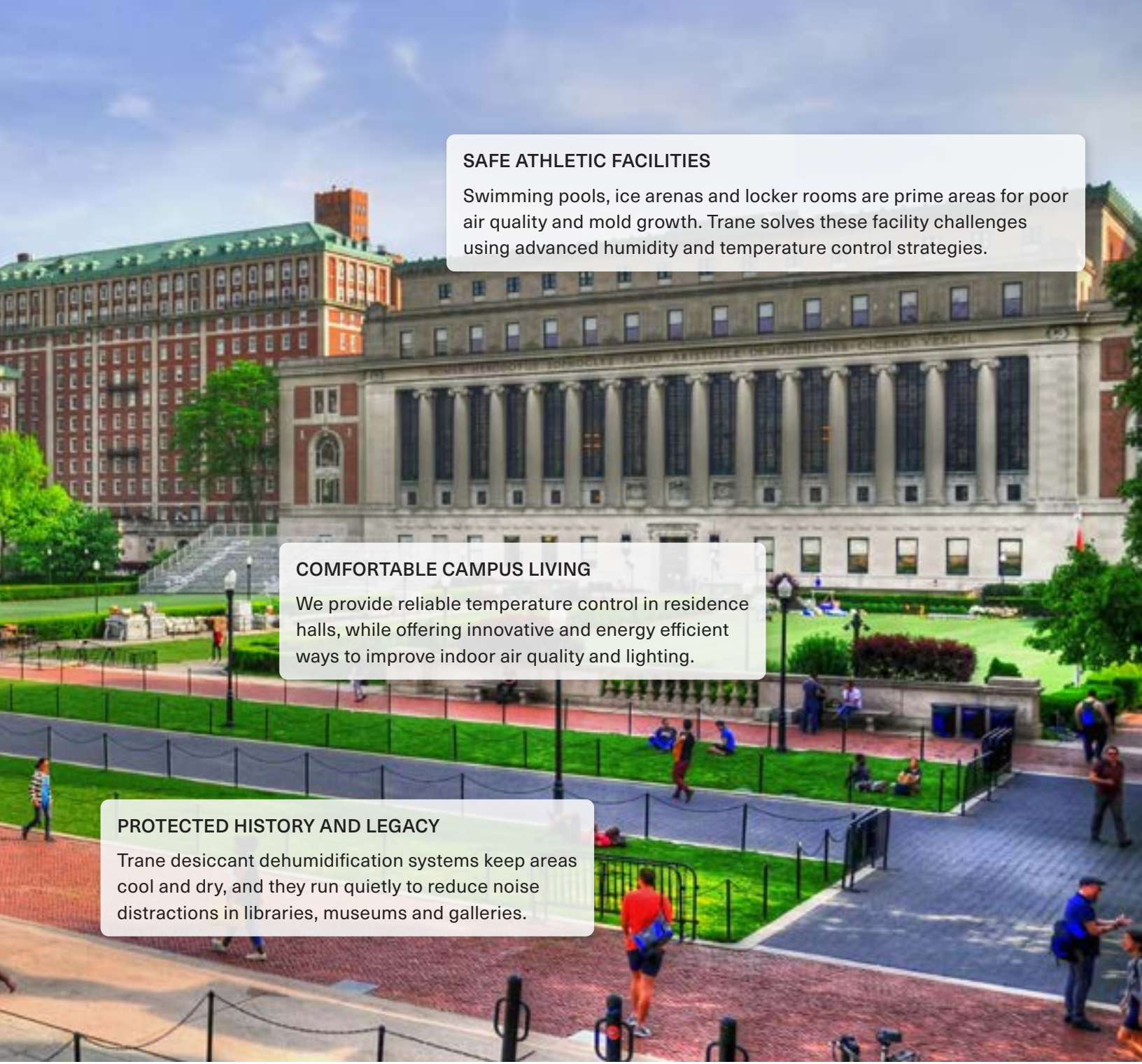
Massive spaces, such as gymnasiums, arenas and indoor stadiums, require high-efficiency Trane climate control systems that maintain comfort without breaking the budget.

### HEALTHY GATHERING SPACES

Our innovative air cleaning systems use a one-of-a-kind blend of three technologies, which captures, sterilizes and vaporizes biological organisms and reduces odors to create clean, fresh air.

# Inspiring Greater Thinking, Learning and Living All Over Campus

A campus is a collection of buildings, until you transform the indoor environments into spaces that help students excel. Academic performance can be impacted by environmental factors such as acoustics, lighting, humidity and temperature—and Trane creates effective learning environments that help students stay comfortable and focused.



### SAFE ATHLETIC FACILITIES

Swimming pools, ice arenas and locker rooms are prime areas for poor air quality and mold growth. Trane solves these facility challenges using advanced humidity and temperature control strategies.

### COMFORTABLE CAMPUS LIVING

We provide reliable temperature control in residence halls, while offering innovative and energy efficient ways to improve indoor air quality and lighting.

### PROTECTED HISTORY AND LEGACY

Trane desiccant dehumidification systems keep areas cool and dry, and they run quietly to reduce noise distractions in libraries, museums and galleries.

## Connect to the world of outcome-driven buildings

Buildings today are full of hidden potential. They have energy coursing through their veins—heating, cooling, lighting. This energy produces data, and that data is like a language waiting to be translated. Once it is deciphered, it is full of valuable information and insight. Once you understand what your building is saying—decode its messages and go beyond the data—you can transform that building into a stronger asset. Your building becomes an asset that can positively impact your goals. Trane is the industry leader in Connected Building Solutions.

# Achieving Greater Sustainability

Higher education institutions are at the forefront of sustainability initiatives. Let's lighten your carbon footprint by finding the hidden energy-saving potential on your campus. Let's implement the Trane solutions that will enable you to achieve your campus sustainability goals and official certifications.

## Maximizing efficiency on campus

The future requires smarter, learning technology that can sense, track and analyze today's data-driven, connected buildings. Trane provides the technology and expertise to help you make data-driven decisions that enhance building management and optimize efficiency, as well as reduce energy costs and environmental footprint.

### EcoWise™

Trane products within the Ingersoll Rand EcoWise™ portfolio are designed to lower environmental impact with next-generation, low global warming potential refrigerants and high-efficiency operation.

## Integrating renewables

You may be able to save money (and improve resiliency) by establishing an on-site renewable energy technology. In some situations, purchasing renewable energy may be a better choice. We'll help you maximize the savings with a balanced plan that supports your objectives.

## Optimizing resources

Budget limitations shouldn't hold up progress. Campus improvements are possible, and practical, when you approach financing more creatively. Trane offers many comprehensive and flexible opportunities.

### **Break the cycle of unproductive spending caused by deferred maintenance:**

First, we'll conduct a campus-wide analysis of your operations, your maintenance spending, capital budget and more. Then we'll identify the deepest opportunities for cost savings. The dollars saved can be reallocated to establish a capital transformation fund.

### **Gain continuous improvement with Intelligent**

**Services:** Let your buildings' data direct future savings. In connected buildings and campuses, Trane can collect and use data to detect inefficiencies and recommend energy-saving actions.

**Pay less for energy:** Trane can help you navigate the complexities of state utility markets and regulations. Our procurement specialists can advise you on which energy supplier to buy from, when to lock in or extend, and other strategies to affect the best rate.

### **Simplify procurement and bypass time-consuming**

**bid processes:** Our relationship with the U.S. Communities® cooperative purchasing alliance allows colleges and universities to lower operating costs and meet sustainability goals—faster and easier.

**Let improvements pay for themselves:** Operating costs often go down significantly when campuses deploy Trane sustainable system designs and rely on our predictive system and maintenance programs.

### **Formalize the paid-from-savings approach with Trane**

**Performance Contracting:** Trane recommends and implements specific energy conservation measures, and guarantees the projected energy cost savings.

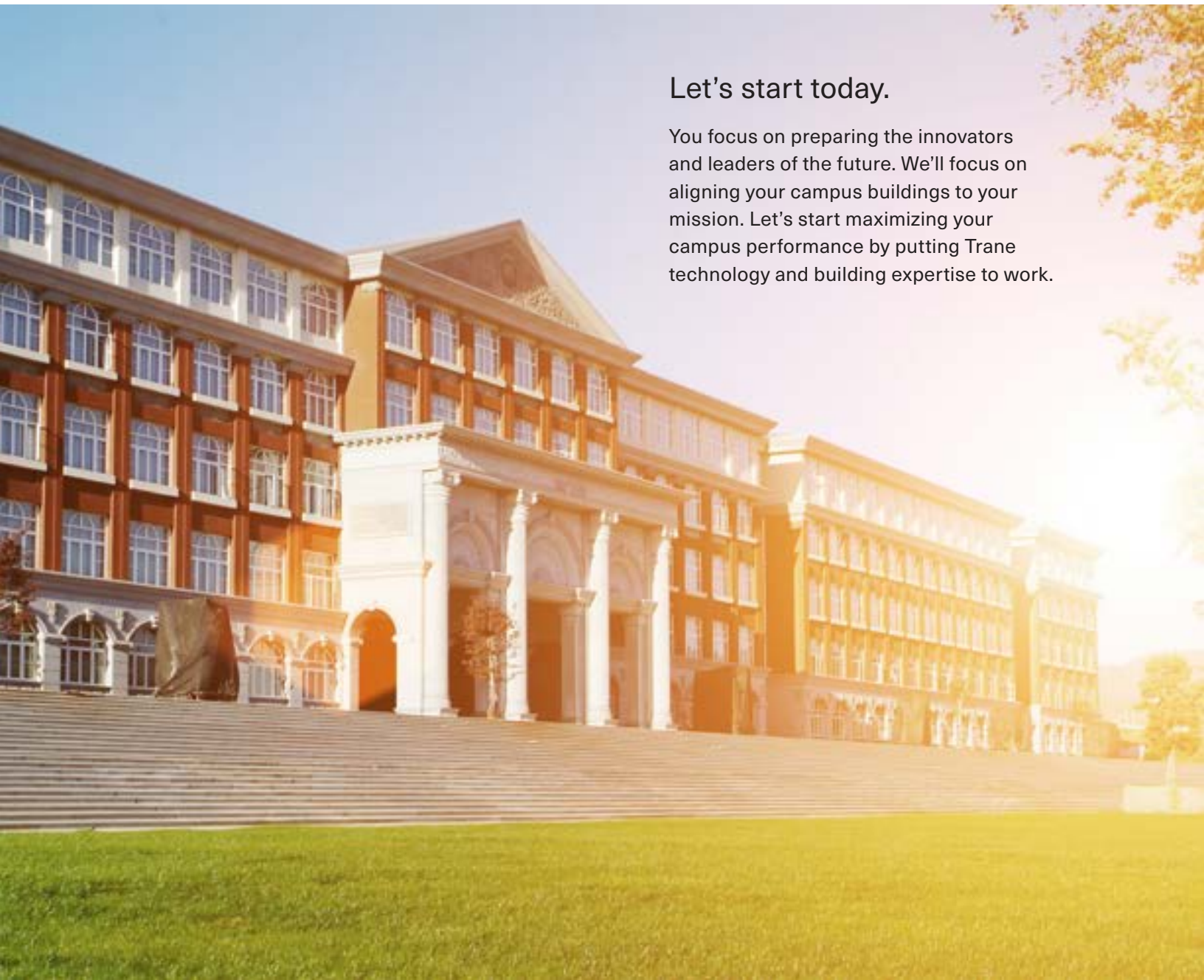


## Developing future building professionals

It takes strong technical skills to run facilities today. That's why Trane is a sponsor of the National Coalition of Certification Centers (NC3), a network of educational institutions, business partners and industry leaders dedicated to strengthening technical career education programs. At technical colleges and university engineering programs, we are lending our expertise in energy-related areas, such as HVAC systems, climate- and energy-control technologies, and renewable energy systems. And we are equipping hands-on controls labs that are strengthening skills, while raising enrollments.

## Let's start today.

You focus on preparing the innovators and leaders of the future. We'll focus on aligning your campus buildings to your mission. Let's start maximizing your campus performance by putting Trane technology and building expertise to work.



For more information about Trane solutions for higher education, visit our website [trane.com/BeyondEnergy](https://trane.com/BeyondEnergy) or contact your Trane Account Manager.



Trane – by Trane Technologies (NYSE: TT), a global climate innovator – creates comfortable, energy efficient indoor environments through a broad portfolio of heating, ventilating and air conditioning systems and controls, services, parts and supply. For more information, please visit [trane.com](https://trane.com) or [tranetechnologies.com](https://tranetechnologies.com).

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