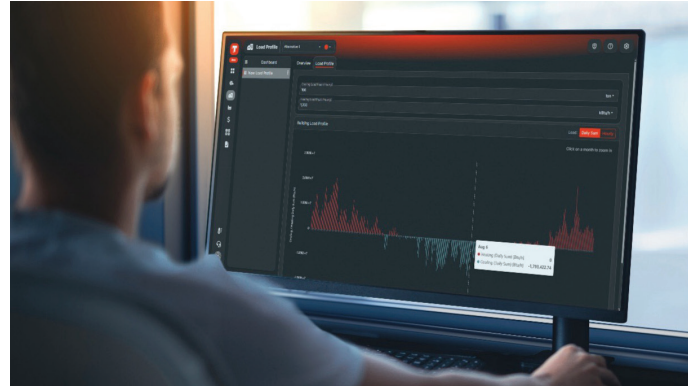


The Next-Generation of Load Design and Energy Modeling

For more than fifty years, TRACE has helped industry professionals with trusted solutions for load design, energy modeling, and economic analysis. Now, the next generation of TRACE is here.

The newly available TRACE platform builds on that legacy with cloud-based access, a modern user experience, and powerful tools for central plant and system energy modeling. Designed to keep pace with the changing demands of modern buildings, TRACE helps users work more efficiently, evaluate more options, and make informed decisions with confidence.



TRACE supports multiple ways to analyze building performance depending on where you are in the design process. These are the initial modes of operation currently available in the Beta stage of TRACE:

SA

System Analyzer Compares airside system alternatives using a parametric 5-zone building shell while sharing the same plant model framework used in central plant analysis. This enables users to evaluate system options consistently and efficiently.

CPA

Central Plant Analyzer Compares central chilled-water and hot-water plants on energy and economics using a sample or known building load profile. This allows users to assess plant alternatives and identify performance and cost tradeoffs.

PSY

PsychSolver™ A standalone psychrometric calculator within TRACE, not tied to specific projects. It exposes air-property routines (dry-bulb, wet-bulb, enthalpy, humidity ratio, dew point, density) for solving a psychrometric process end-to-end.

Make Your Job Easier

Take Friction Out of Your Workflow

- Access updates and new features in your browser thanks to cloud-based architecture for secure collaboration and project sharing
- Start projects quickly with an intuitive, user-friendly interface designed to keep the focus on modeling
- Select from preconfigured plants to accelerate setup

Make Your Designs Smarter

See Risks, Compare Options, and Act Earlier in Your Energy Modeling Process

- Generate precise, year-round performance projections for reliable insights and better building outcomes
- Import, configure and compare load profiles to explore multiple design scenarios and make confident system and plant decisions early in the process
- Iterate on air handler design with Trane® PsychSolver™—a built-in psychrometric tool that eliminates Airside manual calculations

Make Your Buildings Sustainable

Simplify Sustainable Design

- Use advanced modeling tools support energy efficiency and environmental responsibility
- Make informed decisions with smart thermal load calculations and energy analysis
- Apply Trane's deep expertise in sustainable system design to balance performance and cost-effectiveness

Building for What Comes Next

Discover how TRACE is setting the foundation for the future – transforming your workflow, enhancing energy models, and promoting sustainability in every project. Trust in our legacy and unleash new possibilities for energy-efficient buildings.

Technology Roadmap

Q42026	Q12027	Q22027	Q32027	Q42027
TRACE MCP Connector Connect approved external AI tools to TRACE	Engineering Toolbox One place for focused engineering calculators	Revit-Native Load Design GA Production launch aligned to the Revit window	Area-Based Load Design & TRACE 700 Migration Non-spatial, TRACE 700-style input with project migration	Heat Recovery Systems Water-side, dedicated and airside recovery devices
ISO 27001 – ISMS Scope, risk register, SoA and treatment plan	Help Experience V2 Contextual, indexed and easy-to-navigate guidance	AMY Weather & ASHRAE® Design Data Actual-year weather and recognized design conditions	3D Plus Geometry Import Bring existing building geometry into TRACE	Cooling Thermal Energy Storage Ice and chilled-water storage applications
Collaboration, & Updated Reports Share projects, and publish core reports	Libraries V2 Equipment, performance data and schedules	Chiller-Tower Optimization Optimize condenser water for total plant energy	Air-to-Water Heat Pumps Model electrified heating and cooling plants	NIST 800-53 / FedRAMP Readiness Moderate baseline, gap plan and evidence map
	ISO 27017 – Cloud Security Tenant isolation, hardening, backup and logging	NIST SSDF + OWASP ASVS Secure-development practices and release verification	TRACEy In-App Assistant Context-aware help with deeper in-tool access	
	ISO 27018 – Cloud Privacy PII inventory, lifecycle, access and deletion controls		SOC 2 Type I Readiness Control design and evidence ready for review	



Questions?

Please contact C.D.S. at cdshelp@trane.com or call 608-787-3926 between the hours of 8 AM – 4 PM CST/9 AM-5 PM EST Monday through Friday. For training inquiries, email cdstraining@trane.com for scheduling.

→ **The future starts here.**
To access TRACE, please visit Trane.com/trace. For pricing, contact the CDS team at CDSAdmin@trane.com.

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