TRANE® DESIGN ASSIST™

10 REASONS HOW IT CAN ELEVATE YOUR BUILDING AUTOMATION SYSTEM DESIGNS

Trane Design Assist (TDA) is an innovative, complimentary, web-based tool for designing project ready, high performing building automation systems. It supports multiple HVAC applications such as AHUs, Cooling Plant Systems, Heating Plant Systems, Independent Cooling Systems, Variable Air Volume Systems, VRF, terminal units and many more! It also features design guidance through use of performance standards and industry proven strategies for commercial buildings.

1

It's for "now."
When it's "I need it now," you've got this. Crashing through a late-night work session? Boss demanding a points list or CAD files asap? TDA is your always-on, always updated, get-it-done assistant for complete BAS design and documentation. It's Trane's "Open 24-Hours" resource—online.

2

It's an all-encompassing design GPS.
BAS system design isn't subjective. Certain building automation system designs are best in class— designed by pros, based on the latest ASHRAE® standards and guidelines, and proven in the field. Trane Design Assist can get your projects to that ideal destination—every time. You simply select the mechanical components and configuration requirements. From there, TDA takes the wheel to help you simplify designs, and fills in content automatically where details are a done deal. It's a more reliable route to better results.

3

The speed thrills.
Beginning to end, Trane Design Assist puts the entire BAS design project process into one streamlined workflow. Completed flow diagrams, sequence of operations, guide specifications and points list are populated simultaneously as configurations are selected. Trane Design Assist has it all, and it automates many of the more tedious tasks. End goal: devote more of your billable professional hours doing what's most important to your firm and your clients.

4

Keep your shine on.
Every project begins with the best intentions. But under tight deadlines and after multiple revisions, well, it's almost inevitable that quality might slide a little. Let's put that in the past. Trane Design Assist applies consistent, professional formats to every drawing and document output to project a true representation of your professionalism and credibility.

5 It's brand blind.

We'd understand if you thought a BAS design system offered by Trane would be exclusively compatible with Trane HVAC systems. But, that's absolutely not the case. Trane Design Assist lets you work using generic yet proven control strategies instead of our product names. To be perfectly clear: you can use Trane Design Assist to put together the building automation system no matter what equipment brand you've selected, creating manufacturer agnostic designs for your customers.

6 It practically reads your mind.

If you've ever repurposed a design document for one project as the starting point for another, you're going to love this. As soon as you update something in the design—the building type, project name, a certain configuration of an equipment—Trane Design Assist updates it everywhere in the documentation, automatically. And there's more. If something else in the system design subsequently needs to change for compatibility reasons, it's updated automatically.

7 Designs for small, medium and large buildings.

Big buildings, small buildings. Hospitals, schools, office buildings. Trane Design Assist does it all. Virtually every BAS application type for commercial HVAC equipment imaginable is built into the tool's functionality.

8 Sharing is caring.

You don't work in a vacuum. You'll need to share your work with other engineers in your firm, clients, architects, and contractors. A built-in sharing feature means you can send projects that you're working on directly within Trane Design Assist. So, if your recent design hits a new level, share it with colleagues to elevate your firm's expertise. Need to send the design out for review? You can set the document for read/comment only or allow others to change the design.

9 Work like a boss.

There's nothing wrong with setting high standards for yourself to get ahead. Trane Design Assist gives you the support and guidance you need to engineer operational excellence into all building automation system designs, while producing documentation that shows your devotion to quality.

10 This is happening.

Join the growing TDA trend. Current numbers: 1,541 registered users, 2,000 projects, 1,900 content exports by users worldwide.

Register today to get started. Best of all, the tool is complimentary.
No user fees, no software license or subscription fees—ever!

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