

Trane® Design Assist™

10 reasons why it will elevate your building automation system designs



Trane Design Assist is an innovative, complimentary, web-based application that delivers high performing building automation control system designs and documentation, regardless of brand. 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.

A regular cadence of new features has grown the tool's capability to satisfy users evolving needs, proving Trane's commitment to excellence!

1

Successful Strategies and Standards

Putting standard work practices and pre-engineered solutions into place can go a long way in helping to ensure dependability when out in the field implementing your designs. Trane Design Assist helps you to accomplish that goal, using industry-proven and leading controls strategies.

2

Think “Systems” mindset

Elevate designs beyond individual HVAC equipment components and instead design in terms of the entire building system. Trane Design Assist provides users the ability to layout projects using a system-minded approach, creating consistency and reliability in designs.

3

Up-to-Date Specifications

No two projects are alike, so neither should your Project Guide Specifications. Old specifications can cause confusion and hinder the performance or execution within a project. Use Trane Design Assist to generate an updated Project Guide Specification that is specific to your project needs. Stay current with specifications that call out Cyber Security best practices.

4

Scalable Design Canvases

Big buildings, small buildings. Hospitals, schools, office buildings—Trane Design Assist does it all! Create multiple Design Canvases, rename Canvases, and move project items around to build scalable project communication risers.

5

Customize to your project needs

First, design with standard configuration selections that automatically update content for each project item. If additional information is needed, the user can then use the new customization features to manually edit Flow Diagrams, Sequences, Guide Specifications, and the Points List to provide a deeper level of customization to match real world design.

6

Innovative pre-engineered decarbonization strategies

Pre-engineered system level applications are continuously being updated to meet the market needs. Recent updates include: Chiller-Heater Plants offering heating and cooling solutions for decarbonization goals, Chilled Water Plants designed with ice storage, free cooling, and chiller staging based on system level energy efficiency; Air System designs leveraging ASHRAE guideline standards and more to optimize indoor air quality, dedicated outdoor air, and energy efficiency results

7

Generate project documents with flexibility

Within Trane Design Assist, you can specifically choose certain project items for which you want to create documentation. Meaning, you could generate content for one specific item or for the entire project design. Produce documentation for project designs in DWG, PDF, DOCX or the newly added XLSX file type for Points List.

8

Enhanced productivity catalyst

Share project information and design intent with other subject matter experts like colleagues or trusted advisors right from within the tool. Collaboration leads to faster problem solving and decision making to eliminate any of those design or scope uncertainties. You can set the document for read/comment only or allow others the added flexibility 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

Continued growth

Thanks to your feedback, we continue to make Trane Design Assist better, faster and easier than ever before to support you and your project needs. Experience the same reliable tool and supported documentation outputs from previous iterations, now enhanced with many new improvements!

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



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 or tranetechnologies.com.

All trademarks referenced in this document are the trademarks of their respective owners.

© 2022 Trane. All Rights Reserved.

BAS-SLB139-EN
11/04/2022