Product Data

Tracer® TU Service Tool

Pro-Controls Data Sheet

Ordering Numbers: **Description:**
X45091689001   Tracer TU 1-year Pro-Controls
X45091689002   Tracer TU 2-year Pro-Controls
X45091689003   Tracer TU 3-year Pro-Controls

⚠ **SAFETY WARNING**

Only qualified personnel should install and service the equipment. The installation, starting up, and servicing of heating, ventilating, and air-conditioning equipment can be hazardous and requires specific knowledge and training. Improperly installed, adjusted or altered equipment by an unqualified person could result in death or serious injury. When working on the equipment, observe all precautions in the literature and on the tags, stickers, and labels that are attached to the equipment.

TRANE TECHNOLOGIES

Trademark

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

Revision History

Updated the controls in overview and product capabilities sections.

Overview

Tracer® TU is the service tool that supports Trane's BACnet® controls and interfaces. Tracer TU Pro-Controls edition supports airside and programmable controls, allowing you to configure, program, monitor, and service equipment with one of the following controllers or interfaces: Symbio™ 800, Symbio 700, Symbio 500, Symbio 400B, Symbio 210, Tracer UC600, Tracer UC400, Tracer UC210, BCI-I or BCI-R, BCI2-I, and BCI2-R.

Tracer TU Pro-Controls also allows you to manage Air-Fi wireless networks, custom graphics, and backup and firmware files.

Packaged Contents

Part numbers X45091689001, X45091689002, and X45091689003 each include:

A software license with the term determined by the part number:

- A one (1) year software license for X45091689001
- A two (2) year software license for X45091689002
- A three (3) year software license for X45091689003

Product Capabilities

You can perform the following tasks with Tracer TU Pro-Controls (as supported by the connected controller):

- Connect to a UC600, UC400, UC210, Symbio™ 210, Symbio 500, Symbio 400B, Symbio 700, Symbio 800, BCI-R, BCIC, BCI2-I, and BCI2-R, Tracer® SC, or Tracer SC+ via:
  - USB cable
  - Tracer SC pass-through (equipment controllers only)
  - Zone sensor
  - Wireless network using the Tracer TU Adapter (Wired/Wireless)
  - Trane Connect Remote Access (Tracer SC, Tracer SC+, Symbio 700, Symbio 800)
- View the status of controller, points, and alarms.
- Manage controller settings.
- Set up expansion modules.
- Configure, edit, and override points.
- Create and maintain TGP2 programs to control equipment functions.
- Create a complete Controller Configuration in offline mode that contains all the information needed to operate a UC210, UC400, Symbio 500, Symbio 400B, Symbio 210, or UC600.
- Create a Facility Configuration that defines the structure and devices of an entire site.

- Create configurations for VAVs, Trane factory blower coils, fan coils, unit ventilators, generic space controllers and water source heat pumps.

- Download/backup configuration files to/from multiple devices in one operation.

- Balance air valves, water valves, and ECM fans.

- Create and maintain wireless networks.

- Configure UC600, Symbio 500, Symbio 800, and Symbio 700 schedules.

- View the controller event log.

- Configure the TD-7 Display.

- Connect to a Symbio 800 service part and add IntelliPak control firmware.

- Download/backup configuration files to/from multiple devices in one operation.

- Create, modify, and download graphics to UC600, Symbio 400B, Symbio 500, Symbio 800, Tracer SC, Tracer SC+, and Tracer Ensemble.

- Run BCI-R, BCI2-R, and Symbio 700 service test mode.

- Update controller firmware.

- Edit communication protocol settings, including BACnet and IP settings.

- View/Create/Edit Modbus server register mappings for Symbio 400B, Symbio 500, Symbio 700, and Symbio 800.

- View/Create/Edit Modbus client register mappings for Symbio 400B, Symbio 500, and Symbio 800 programmable.

Laptop Requirements

Your laptop must meet the following hardware and software requirements:

- 8 GB RAM

- 1024 x 768 screen resolution

- Ethernet 10/100 LAN card

- An available USB 2.0 port

- Windows 10 Version 1709 (Fall Creators Update) operating system (32-bit or 64-bit)

- Microsoft .NET Framework 4.8 or later (auto-installed as required)

- Microsoft Visual C++ Redistributable for Visual Studio 2015, 2017 and 2019 (V14.2) (auto-installed as required for TGP2/Trane Legacy USB driver)

- Visual C++ 9.0 (auto-installed as required for AFD3 USB driver)

Notes:

- *Tracer® TU is designed and validated for this minimum laptop configuration. Any variation from this configuration may have different results. Therefore, support for Tracer TU is limited to only those laptops with the configuration previously specified.*

- *For optimal Tracer TU performance, the following features are recommended:*

  - *16 GB RAM*

  - *A 7200-RPM hard disk drive or a solid state drive*

Trane - by Trane Technologies (NYSE: TT), a global climate innovator - creates comfortable, energy efficient indoor environments for commercial and residential applications. For more information, please visit trane.com or tranetechnologies.com.