



Product Data

Tracer® TU Service Tool

Professional Data Sheet

Ordering Numbers:	Description:
X45091690001	Tracer TU 1-year Professional
X45091690002	Tracer TU 2-year Professional
X45091690003	Tracer TU 3-year Professional

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.



Trademarks

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

Revision History

- Updated Overview topic.
- Updated Product Features topic.

Overview

Tracer® TU is the service tool for Trane BACnet® controls and interfaces. Tracer TU is used to configure, setup, and service chillers with the AdaptiView™ (Tracer® UC800 and Symbio™ 800) controls or BCI-C and BCI-C communication interfaces. It is also used to configure Symbio 800 (IntelliPak and Programmable,) Symbio 700, Symbio 500, Symbio 400B, Symbio 210, Tracer UC600, Tracer UC400, and Tracer UC210 configurable or programmable controllers, create TGP2 programs, custom graphics, backup, and firmware files.

Packaged Contents

Part numbers X45091690001, X45091690002, and X45091690003 each include:

- A software license with the term determined by the part number:
 - A one (1) year software license for X45091690001
 - A two (2) year software license for X45091690002
 - A three (3) year software license for X45091690003

Product Features

You can perform the following chiller configuration, monitoring, and service tasks with Tracer TU Professional (as supported by the connected controller)

Connect to a Symbio™ 800 chiller controller, UC800, BCI-C, or BCI2-C via USB cable.

- Monitor chiller status and respond to alarms.
- Create or a chiller configuration and then save it to your hard drive for reuse on multiple chiller units.
- Override chiller outputs.
- Access all of the points that can be overridden on the Manual Overrides screen for troubleshooting and testing (CTV, RTAE, and RTHD).
- Manage Low Level Intelligent Device (LLID) binding, sequencing, replacement, and removal.
- Produce XML-based ASHRAE Chiller and Event Log reports, which are rendered as Web pages and can also be saved in PDF format.
- Back up and restore configuration files and settings with the Backup Utility and the File Transfer Utility.
- Modify AdaptiView settings.
- Update the controller firmware; connect to a Symbio 800 service part and add chiller control firmware.
- Manage controller communication settings.
- View a list of TGP2 programs in the controller and their status (Symbio™ chillers only.)

You can perform the following equipment/system configuration, monitoring, and service tasks with Tracer TU Professional (as supported by the connected controller)

- Connect to a Symbio 800 (IntelliPak or Programmable,) Symbio 700, Symbio 500, Symbio 400B, Symbio 210, UC600, UC400, UC210, BCI-I, BCI2-I, BCI-R, and BCI2-R.
 - Via USB cable
 - Via Tracer SC pass-through (equipment controllers only)
 - Via a zone sensor
 - Via wireless network using the Tracer TU Adapter (Wired/Wireless)
 - Via Trane Connect Remote Access (Tracer SC, Tracer SC+, Symbio 700, Symbio 800)
- View the status of controller, points, and alarms.
- Configure, edit, and override points.
- Manage controller settings and set up expansion modules.
- Create configurations and TGP2 programs for VAVs, Trane factory blower coils, fan coils, unit ventilators, generic space controllers, and water source heat pumps.
- Balance air valves, water valves, and ECM fans.
- Configure schedules for UC600, Symbio 500, Symbio 700, and Symbio 800.
- 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 and maintain wireless networks.
- 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 controller event log.
- Create a complete Controller Configuration in offline mode for UC210, UC400, UC600, Symbio 210, Symbio 400B, and Symbio 500.
- Create a Facility Configuration that defines the structure and devices of an entire site.
- 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 USB2.0 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

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