



# Engineering Bulletin

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## **Tracer Summit Software Versions (OS/2 Versions 1.0 through 6.0) (Windows Versions 10 through 17)**

Use this engineering bulletin to understand the differences among the versions of Tracer Summit software. The document includes:

- Unit control support for all versions
- Application support for the current version
- Service literature for all versions
- Requirements for upgrading older versions to the current one



# Introduction

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Trane develops new software versions to enable interfacing with new unit controllers and to enhance building control applications. Improvements in software operation are also included with each new software version. Along with new features, the latest software version includes all the features of the previous version.

Customers benefit from each new Tracer Summit software version. They can incorporate the newest features and applications to their system and have the ability to upgrade as future versions are released.

Service personnel experience the challenges associated with installing and servicing an ever-changing product that has multiple software versions in use simultaneously. This engineering bulletin helps service personnel by providing historical data on all software versions.

This engineering bulletin also answers some of the frequently asked questions that arise with each new software version release, such as:

- How is software Version X different from latest Version Y?
- Are the user-entered settings from Version X compatible with Version Y?
- What literature applies to each version?
- What software version is required to support new equipment and features?
- How do I upgrade my system from Version X to Version Y?
- Are my existing CPL (custom programming language) programs compatible with the latest version?

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## Version descriptions

This section describes each Tracer Summit software version, including the changes that differentiate it from the version immediately preceding. Unless otherwise noted, subsequent software versions include all of the features identified in earlier versions.

### Tracer Summit Version 17

Version 17 (released 7/06) includes the following new and enhanced features:

- An Analog Output object that can be configured as a multi-state object. For example, it can be used to control fan speed, damper position, or electric heat overrides. Use the Multi-state Present Value property on graphics to see the name of the state of the Analog Output object. For example, if the Present Value property is 33 for an Analog Output and you have defined the object as a multi-state object with the number 33 designating “Low Speed,” then a Multi-state Present Value property on the graphic will show “Low Speed.”
  - Sites running Tracer Summit software on a SQL server have the ability to track system changes using Audit Trail. The Audit Trail is a database that is available in both the Critical Control System (CCS) and the Enterprise Management Package.
  - The BMTX BCU operator display supports multiple languages: English, French, Portuguese, and Polish. More languages will be supported as service packs become available.
- Note:** Complete translations for the new and enhanced Version 17 features are expected to begin being released approximately 90 days after product release. You can download the language files from [Software updates](#) on MyTraneControls.com.
- Cell phone support: The editor that was previously called the Pager editor is now the Cell Phone/Pager editor. It has been enhanced to provide support for the telocator alphanumeric protocol (TAP). The BCU now supports TAP parities 7-E-1 and 8-n-1. If the BCU fails to dial out with one parity it will automatically try the other parity. Talk to your cell phone provider about the short messaging service center (SMSC).
  - The Customize Graphic Templates Utility was added to Tracer Summit software for creating customized graphics from the standard graphics included with Tracer Summit. (This utility originally appeared in V16 SP2.) This application will be most useful in creating graphics to publish to Tracer Summit WebOPS (formerly called the Tracer Summit Web Server).
  - The event log has been upgraded to include:
    - The addition of a comment field, the ability to assign categories and expanded messages to specific event classes.
    - The option of pop-up messages for incoming alarms.
    - The ability to open a unit controller graphic from the event log, and the option of additional

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- tabular buttons for each alarm category.
- Additionally, the Site Configuration editor has two new tabs: the Event Classes tab, where settings for the specific event class are set up, and the Event Receivers tab, where event classes are assigned to specific event receivers.
  - The DB Conversion utility will now upgrade your event log if the database is Version 13 or higher. Prior to Version 17 an upgrade installation replaced the eventlog.mdb file. Customers with Version 12 or older installations will still need to replace the eventlog.mdb file. The upgrade occurs for both the Access database (eventlog.mdb) and the event log on a SQL server.
  - 3D graphics are included with Tracer Summit Version 17 software. The 3D graphics, located in the 3D graphics folder on the installation CD, have the same names as the current standard graphics and are available for each Trane object.
  - The Binary Animation object in the graphics editor has been upgraded to allow its use with analog properties.
  - Version 17 provides the ability to graphically indicate when a unit controller or application has been overridden manually.
  - The Graphical Status object has been added to the graphics editor. The object allows users to show a graphical representation of an analog value on top of a pre-selected image.
  - The Override dialog simplifies the overriding of objects. The former Override dialog is now called the Advanced Override dialog and is still accessible.
  - Recent Reports is a new feature that appears, after running a report, in the Recent Reports drop-down listbox. By choosing Recent Reports, the user will be presented with a choice of the ten (10) most recent reports run from that PC Workstation.
  - The Trend object has been updated with the following:
    - The ability to sample every 30 seconds (non-WebOPS sites only).
    - A simplified means to simultaneously select multiple objects and properties.
    - The “Harvest Data for this Trend” checkbox allows the PC Workstation to collect and store trended data to a database for later viewing in the Trend Viewer.
  - Trend Viewer is a new feature that gives Tracer Summit software the ability to save the data collected by a trend object and display it in a graphical chart. Capabilities of the Trend Viewer include:
    - Allowing up to 10 properties to exist in a Trend Viewer object.
    - Showing or hiding icons that represent events/alarms in the Event log for properties.
    - Saving data to a comma separated value (CSV) file that can be opened in a spreadsheet application such as Microsoft Excel.
    - Viewing the trended data in the Audit Trail database on sites

using a SQL database on Critical Control System (CCS) or Enterprise installations.

- Web links: The Tracer Summit users network is now referred to as MyTraneControls.com.
- End of support for Windows NT.
- Works with only the Professional versions of current Windows operating systems.

### **Tracer Summit Critical Control System package**

The optional Tracer Summit Critical Control System add-on package (released 7/04) was developed to meet the needs of customers with critical environments. It includes the following features:

- The software audit trail feature tracks system alarms, events, and daily operator actions and stores them in a database using Microsoft SQL Server technology.
- Audit Trail reports can easily be generated from Tracer Summit software.
- Critical trend data is stored in the database, and historic trend reports are generated from Tracer Summit software.
- A Mean Kinetic Temperature (MKT) report calculates the MKT from historic trend data and displays the information in a report.
- Security model enhanced to include password expiration and user lockout after failed login attempts.
- The status bar displays the number of active alarms and, if double-clicked, will launch the Objects in Alarm Report.

### **Tracer Summit Version 16**

The following hardware and software features became available when Version 16 was released in 7/04:

- Introduction of the BMTX model building control unit (BCU).
- Support for the standard LonTalk chiller profile (8040) with additional properties for use with the Tracer CH530 and competitive LonTalk chiller interfaces.
- Addition of a chiller diagnostics report.
- Persistence of the LonTalk database in the BCU (BMTW high capacity and BMTX) to enhance link and binding stability.
- Improved processes to add/remove/replace LonTalk devices.
- End of support for Windows 98 and Windows ME operating systems.

### **Tracer Summit Version 15**

Version 15 (released 9/03) includes:

- Support of Tracer VV550/551 VAV controller.
- LonTalk VAS application supporting Tracer VV550/551.
- VAS support includes static pressure optimization and ventilation optimization as standard features for LonTalk applications using Tracer VV550/551.
- Tracer MP580/581 support expanded to include I/O expansion modules.
- Tracer AH540/541 support expanded to include new Tracer

AH540/541 features: DX cooling, electric heat, dehumidification, 2-pipe changeover.

- LCI-I support added for the Commercial Self-Contained and the IntelliPak Rooftop as SCC and DAC objects.
- LCI-R support added for the Odyssey split system unit as an SCC object.
- Ability to launch the Rover service tool from Tracer Summit.
- New reports: Schedule Report, Objects in Alarm Report, Overridden Objects Report, ASHRAE Guideline 147 Report (replaces the ASHRAE Guideline 3 Report), VAV commissioning report for Tracer VV550/551.
- Global override and release capability of analog and binary output present value (only with Building Management Package or Enterprise Management Package).
- Ability to tile graphic background image.
- Includes limited support of international languages: Chinese and Japanese.

### **Tracer Summit Version 14**

Version 14 (released 9/02) includes:

- The timed override feature allows timed overrides to be initiated from the zone sensor push button, the PC Workstation, or the BCU operator display for Trane SCC devices, VAV UCMs, and constant-volume Voyager rooftops.
- The Generic LonTalk<sup>®</sup> Device (GLD) feature enhancements allow a Tracer Summit system to communicate to a broader range

of non-Trane LonTalk<sup>®</sup> products by expanding the list of supported network variables and enhancing the device discovery capabilities.

- Support of non-Trane devices that follow the guidelines of the LonTalk<sup>®</sup> SCC, DAC, and legacy profiles.
- Simplification of SCC and DAC standard graphics to improve usability and ease of maintenance. These changes include reducing the standard graphic from two pages to one, improving the method of representing invalid values, and improving the method for adjusting space temperature setpoints.
- LonTalk communication support for the Tracer ZN517 unitary controller, the Tracer ZN524 water-source heat pump controller, the ReliaTel controller with the Tracer LCI-R, the IntelliPak Fresh Air Unit with the Tracer LCI-I, and the Voyager with the Tracer LCI-V.
- Enhanced alarm routing on IP networks. Sites that are closed in Tracer Summit software can now initiate contact with a PC Workstation for immediate notification of critical alarms over an IP network.



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## Tracer Summit Version 13

Version 13 (released 9/01) includes the following features. In addition, Trane BAS has developed the optional Building Management Package to make the standard software easier to use.

### Version 13 standard package

- Support for English-language BMTW BCU operator display: Allows operators to perform basic functions directly from the BCU panel.
- Support for BCU local event log: The event log resides in the BCU and operators can view it from the BCU operator display or from Tracer Summit software.
- Support for Tracer MP580 and Tracer MP581 controllers (LonTalk-based programmable controllers with graphical programming and optional touch-screen displays).
- Support for Tracer MP503 I/O module.
- Support for the Tracer Summit Web Server, which provides the ability to operate a Tracer Summit BAS from any PC using a Web browser.
- Alarm/message forwarding from the PC workstation to an e-mail address.
- Online registration process for Tracer Summit software.

### Building Management Package

- Tracer Summit workstation scheduling: Added capability to schedule the workstation to execute site scans, perform site backup, and archive the event log.

- E-mail message forwarding: The user can set up Tracer Summit software to forward alarms using Microsoft Outlook.

## Tracer Summit Version 13.1

Version 13.1 (released 5/02) supports Windows XP Professional. It includes the following two optional add-on packages:

### Tracer 100/Tracker Communication Package

- Communication to Tracer 100 and Tracker (EMTK) panels: Operators can receive alarms from the panels or communicate to the panels in terminal emulation mode.

### Enterprise Management Package

Includes all features in the Building Management Package and the Tracer 100/Tracker Communication Package plus these additional features:

- Global changes across sites: Changes and updates can be broadcast across sites to expedite the maintenance process for multiple sites.
- Grouping of sites: Sites can be logically grouped together to ease organization of a large number of facilities.



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## Tracer Summit Version 12

Version 12 (released 1/01) includes:

- Support for the Discharge Air Controller (DAC) LonTalk<sup>®</sup> profile—initially used for the air-handling controller, Tracer AH540/541.
- Support for the new VAV controller: VAV IV is required for the new F-series air valve. The existing VAV II/III object was expanded to support all three controller revisions.
- Ability to connect LonTalk controllers that follow legacy terminal controller profiles as a Space Comfort Controller (SCC) object—includes controllers that follow fan coil, rooftop unit, VAV, heat pump with temperature control, unit ventilator, or chilled ceiling profiles.
- Ability to communicate on a LonTalk<sup>®</sup> link with a controller that supports standard network variable types (SNVTs) as a GLD.
- Ability to communicate with Voyager rooftops on a Comm3 link—used primarily when upgrading Voyager projects from Tracer 100 to Tracer Summit.
- Support for Tracer MP501 controller.
- Support for remote monitoring unit (RMU).
- Program launch support—This is an enhancement to graphics that allows you to add a target to a graphic. The target launches any desired Windows document or brings up a desired web location.
- German language support.

## Tracer Summit Version 11

Version 11 (released 1/00) includes:

- BMTW BCU.
- I/O module.
- Heat pump loop control.
- Support for the Space Comfort Controller (SCC) LonTalk<sup>®</sup> profile—initially used for fan coil and WSHP (Tracer ZN510/511), and unit vent controller (Tracer ZN520/521), and WSHP loop controller (Tracer loop controller).
- Communication over shared Internet protocol (IP) networks using a BMTW BCU.
- Graphical trending.
- Improved graphics performance.
- Compatibility with Windows 98 second edition and Internet Explorer 5.
- Language support for French, Spanish, and Portuguese.
- Smoke control systems (UUKL) listing.

## Tracer Summit Version 11.01

Version 11.01 (released 6/00) includes:

- Modem speed for sites with BMTW BCUs increased to 33,600 bps from 9,600 bps.
- Daily operations tutorial CD—An online training program for daily operators provides operator training, evaluations, and certification. It can also be accessed from within Tracer Summit as a tutorial.

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### **Tracer Summit Version 10**

Version 10 (released 10/98), the initial release of Tracer Summit for Windows, includes:

- Operates under Windows NT, 95, and 98.
- New operator interface.
- New HTML-supported graphics.
- Enhanced multiple site support
- Ethernet communication.

### **Tracer Summit Version 6.0**

Version 6.0 (released 1/98) includes:

- Adds the ability to communicate and control VariTrac UCMs using the VariTrac II central control panel (CCP).
- Enhances the reporting application by providing the ability to schedule reports for printing and saving to disk at regular intervals.
- Supports BACnet alarming by sending alarms from the BCU to other BACnet-compatible devices.
- Adds communication and control support for European scroll and reciprocating chillers. Trane sells this equipment with Tracer Summit in Europe, the Middle East and Asia.
- Includes limited support of international languages: French, Spanish, German and Portuguese. Graphics, setpoints, schedules, and the status of objects and properties in these languages. All system editors remain in English.
- Adds enhanced support for the Horizon absorption chillers.

### **Tracer Summit Version 5.01**

Version 5.01 (released 4/97) includes:

- Added ability for a PC workstation to connect to sites with version 5.0 software.
- Allowed operation under IBM OS/2 Warp 4.0 operating system.

### **Tracer Summit Version 5.0**

Version 5.0 (released 10/96) includes:

- Support for the final draft of the ASHRAE BACnet standard, allowing the BCU to both send and receive BACnet data.
- Chiller plant control as a standard application. Chiller plant control is compatible with the following types of chillers: centrifugal chillers with UCP1 or UCP2, helical rotary chillers with UCP2, absorption chillers with UCP2, RTA/RTW chillers, scroll chillers, and “generic” chillers controlled by either a programmable control module (PCM) or a universal PCM (UPCM).
- Standard and custom reports are available with Tracer Summit version 5.0 software: trends, annual reports, monthly reports, snapshot reports, custom reports, and standard equipment reports.
- Custom trending capability within the BCU replaces the Reports and Trends utility introduced in Version 4.5.
- Tracer Summit now supports numeric and alphanumeric pagers. The BCU sends the page, which includes the site name and alarm message, to an alphanumeric pager. Typically,

only selected alarms are set up to issue a page.

- A Multiple Site Event Log that captures alarms from multiple sites allows a single PC to receive alarms from multiple sites for monitoring by the system operator. You can save these alarms in a common multiple site event log and view all alarms on screen. The alarms also can be moved to the appropriate site for acknowledgment.
- Tracer Summit can display International System (SI) and Inch-Pound (I-P) units for analog values on screens. This feature allows for control of system setpoints based on the selected units of measure. Each site may include SI and/or I-P units.
- System enhancements such as multiple printer support and animation. A new print manager allows you to define multiple printers for use with alarms, reports, and utility functions such as printing CPL programs. You also can turn printing on or off from within Tracer Summit, on a per program basis. Version 5.0 includes animation capabilities for standard or custom graphics. For example, you can animate the fans, dampers, etc. for a piece of equipment displayed on a graphical screen.

### **Tracer Summit Version 4.5**

Version 4.5 (released 10/95) adds communication to the following UCMs:

- Voyager rooftop units, 3- to 50-ton (Comm4).
- IntelliPak scroll chillers, 20- to 60-ton (CGA and CGW).

- Commercial self-contained units (UCM).

Version 4.5 supports phase I of the Reports and Trends utility. This utility gives you the ability to perform preset calculations and sample up to 250 properties at preset intervals.

### **Tracer Summit Version 4.1**

Version 4.1 (released 9/95) includes:

- Ability to communicate with Tracer lighting control panels (LCP).
- New Delete Object utility allows you to search for and record references to an object in the site database, thus providing a safe method of deleting objects.
- Ability for PCM Edit and UPCM Edit software to run on a PC workstation remotely connected via modems and telephone lines.
- Support for an Initial Site Upload utility that allows you to call a remote site (which you have never connected to in the past) and upload the site's database.
- An ARCNET diagnostic tool on a PC workstation identifies the ARCNET connections present on the connected site.

### **Tracer Summit Version 4.0**

Version 4.0 (released 5/95) adds communication to the following UCMs:

- VAV III (with wireless VAV support).
- IntelliPak rooftop units (Comm3, Comm4).
- Existing Tracer 1000 Tracer Remote Station (TRS) panels.



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Version 4.0 also provides support for remote communication, allowing a PC workstation to dial into a site and a building control unit (BCU) that has detected an alarm to dial out to a remote PC workstation.

### **Tracer Summit Version 3.0**

Version 3.0 (released 10/94) adds communication to the following UCMs:

- RTA/RTW Series R chillers.
- VAV II.
- Terminal Unit Controller (TUC).

Version 3.0 supports the use of PCM Edit and UPCM Edit software on the Tracer Summit PC workstation and dynamic data exchange (DDE). DDE allows you to send data from Tracer Summit to other OS/2 and Microsoft Windows programs.

### **Tracer Summit Version 2.0**

Version 2.0 (released 7/94) adds communication to the following UCMs:

- UCP2 for centrifugal chillers.
- Helical rotary chillers.
- Absorption chillers (Classic).

The software code complies with the second public review draft of the ASHRAE BACnet standard protocol.

This version adds the ability to connect a laptop computer to the ARCNET LAN.

Trane BAS updated the PC workstation software to 32-bit code to take full advantage of 80486 processors.

### **Tracer Summit Version 1.0**

Version 1.0 (released 4/93), the initial release of Tracer Summit, can communicate to the following UCMs:

- Programmable control module (PCM).
- Thermostat Control Module (TCM).
- Variable air volume (VAV) I.
- UCP1 for centrifugal chillers.

Version 1.0 includes these basic building control programs:

- Area control.
- VAV air system control.
- Time-of-day scheduling.
- Custom programming.
- Alarms.
- Event log.
- Run time/Maintenance.
- Expanded messages.

# Unit control support

Table 1 lists the UCMs that Tracer Summit software supports. The minimum software version, communication link, and communication interface cards are given for each UCM.

**Table 1:** UCMs supported by Tracer Summit software

Unit control module	Minimum software version	Applicable communication link	Applicable communication interface card
CCP II and VariTrac zone damper UCM	6.0	Comm3	—
Commercial self-contained unit (UCM)	4.5	Comm3	—
European scroll and reciprocating chiller	6.0	Comm3	—
Generic LonTalk® device (GLD)*†	12	LonTalk	—
IntelliPak commercial self-contained (CSC) unit	14	Comm3	TCI
	15	LonTalk	LCI-I
IntelliPak fresh air unit	14	LonTalk	LCI-I
	15	LonTalk	LCI-I
	4.0	Comm3, Comm4	TCI
	15	LonTalk	LCI-I
IntelliPak scroll chiller, 20–60 ton (CGA/CGW)	4.5	Comm3	TCI
Lighting Control Panel (LCP)	4.1	Comm3	—
Precedent rooftop (ReliaTel controls)	4.5	Comm4	TCI-R
	12	Comm3	TCI-R
	14	LonTalk	LCI-R
Programmable control module (PCM)	1.0	Comm3	—
RTA/RTW Series R chiller	3.0	Comm3	TCI
Terminal unit controller (TUC)	3.0	Comm4	—
Thermostat Control Module (TCM)	1.0	Comm3	—
Tracer 1000 TRS panel	4.0	Non-isolated Comm3	—
Tracer AH540 and Tracer AH541 air-handler controller†	12	LonTalk	—



**Table 1:** UCMs supported by Tracer Summit software (continued)

<b>Unit control module</b>	<b>Minimum software version</b>	<b>Applicable communication link</b>	<b>Applicable communication interface card</b>
Tracer CH530 for air-cooled helical rotary chiller	13	Comm3	TCI
	13	LonTalk	LCI-C
Tracer CH530 for water-cooled centrifugal and water-cooled helical rotary chillers	13	Comm4	TCI
	13	LonTalk	LCI-C
Tracer CH531 (FastPak)	13	Comm4	TCI
	13	LonTalk	LCI-C
Tracer loop controller*	11	LonTalk	—
Tracer MP501 multi-purpose controller*‡	12	LonTalk	—
Tracer MP503 input/output module*	13	LonTalk	—
Tracer MP580 and Tracer MP581 programmable controller*	13	LonTalk	—
Tracer VV550 and Tracer VV551 VAV controller*	15	LonTalk	—
Tracer ZN510 and Tracer ZN511 zone controller for water-source heat pumps or fan coils*	11	LonTalk	—
Tracer ZN517 zone controller*	14	LonTalk	—
Tracer ZN520 and Tracer ZN521 zone controller for unit vents or blower coils*	11	LonTalk	—
Tracer ZN523 zone controller for fan coils	17	LonTalk	—
Tracer ZN524 zone controller for water-source heat pumps*	14	LonTalk	—
UCP1 for centrifugal chiller	1.0	Comm2	—
UCP2 for absorption chiller (Classic)	2.0	Comm4	TCI
UCP2 for absorption chiller (Horizon)	6.0	Comm4	TCI
UCP2 for centrifugal chiller	2.0	Comm4	TCI
UCP2 for helical rotary chiller	2.0	Comm4	TCI
Universal PCM (UPCM)	2.0	Comm4	—

**Table 1:** UCMs supported by Tracer Summit software (continued)

Unit control module	Minimum software version	Applicable communication link	Applicable communication interface card
VAV I	1.0	Non-isolated Comm3	—
VAV II	3.0	Comm4	—
VAV III	4.0	Comm4	—
VAV IV	12	Comm4	—
Voyager rooftop unit and Voyager Commercial VAV rooftop unit (Voyager III)	4.5	Comm4	TCI-V
	12	Comm3	TCI-V
	14	LonTalk	LCI-V, LCI-R
<p>* This is a LonTalk® controller. See the <i>Tracer Summit Connections to LonTalk® Devices</i> engineering bulletin (BAS-PRB003-EN) for more information.</p> <p>† A LonTalk® device that supports FTT-10 transceivers and uses standard network variable types (SNVTs).</p> <p>‡ The Tracer MP501 controller is compatible with Tracer Summit Version 12 software if the BCU image is updated to Version 12.014.</p> <p><b>Note:</b> Technical support is available for Tracer Summit Version 5 and higher.</p>			



# Application support

Table 2 shows the applications supported by Tracer Summit software.

**Table 2:** Applications supported by Tracer Summit software

Application	Minimum software version
Alarming (pager, cell phone)	4.0
Area control	1.0
BCU operator display	13.0
Chiller plant control	5.0
Custom programming	1.0
Custom trends	5.0
Trend Viewer	17.0
Graphics	1.0
Heat pump loop control editor	11.0
Input/output and UCM editors	1.0
Internet protocol (IP) communications	11.0
Remote access	4.0
Standard and custom reports	5.0
Standard calculations	4.5
System security	1.0
Time-of-day scheduling	1.0
Timed override	14.0
VAV system control (VAS)	1.0
Workstation alarm forwarding (e-mail)	13.0



# Tracer Summit service literature

Make sure your customers use the correct user guides with their software version. Newer user guides include descriptions of features that were not present in older software versions. The following tables, Table 3 through Table 8 (page 16–17) list the literature associated with each of

the software versions.

For additional information about Tracer Summit software, systems, and applications, refer to the associated literature listed in Table 9 on page 19.

**Table 3:** Tracer Summit service literature (Version 17)

Version	Installation guide	Programming guide	Daily operations guide	BCU operator display guides
17	BMTX-SVN01C-EN BMTX-SVN02B-EN <sup>1</sup>	BMTX-SVP01B-EN BMTX-SVP02B-EN	BMTX-SVU01B-EN BMTX-SVU01B-EN	BMTW-SVU02C-EN BMTW-SVX02B-EN

<sup>1</sup>Electronic only

**Table 4:** Tracer Summit service literature (Critical Control System package)

Version	Installation guide	Programming guide	Daily operations guide	BCU operator display guides
Critical Control System	BMTX-SVN02B-EN BMTW-SVN01F-EN <sup>1</sup>	BMTX-SVP02B-EN	BMTX-SVU02B-EN	

<sup>1</sup>Electronic only

**Table 5:** Tracer Summit service literature (Version 16)

Version	Installation guide	Programming guide	Daily operations guide	BCU operator display guides
16	BMTX-SVN01A-EN	BMTX-SVP01A-EN	BMTX-SVU01A-EN	BMTW-SVU02B-EN BMTW-SVX02A-EN

**Table 6:** Tracer Summit service literature (Versions 10 through 15)

Version	Installation guide	Programming guide	Daily operations guide	BCU operator display guides
10	BMTW-IN-1	BMTW-PG-1	BMTW-OG-1	—



**Table 6:** Tracer Summit service literature (Versions 10 through 15)

11	BMTW-SVN01A-EN, -FR, -DE, -ES, -E4	BMTW-SVP01A-EN, -FR, -DE, E4	BMTW-SVU01A-EN, -FR, -DE, -ES, -E4	—
12	BMTW-SVN01B-EN	BMTW-SVP01B-EN	BMTW-SVU01B-EN	—
13	BMTW-SVN01C-EN	BMTW-SVP01C-EN	BMTW-SVU01C-EN	BMTW-SVU02A-EN
14	BMTW-SVN01D-EN	BMTW-SVP01D-EN	BMTW-SVU01D-EN	BMTW-SVX02A-EN
15	BMTW-SVN01E-EN	BMTW-SVP01E-EN	BMTW-SVU01E-EN	

**Table 7:** Tracer Summit service literature (Versions 3.0 through 6.0)

Version	Volume 1 hardware installation	Volume 2 software setup	Volume 3 unit control modules	Volume 4 applications	Volume 5 custom programming	Volume 6 daily operation	Volume 7 library
3.0	BMTS-IOP-100	BMTS-IOP-200	BMTS-IOP-300	BMTS-IOP-400	BMTS-IOP-500	BMTS-IOP-600	BMTS-IOP-700
4.0	BMTS-IOP-101	BMTS-IOP-201	BMTS-IOP-301	BMTS-IOP-401	BMTS-IOP-501	BMTS-IOP-601	BMTS-IOP-701
4.1	BMTS-IOP-102	BMTS-IOP-202	BMTS-IOP-302	BMTS-IOP-402	BMTS-IOP-502	BMTS-IOP-602	BMTS-IOP-702
4.5	BMTS-IOP-102	BMTS-IOP-202	BMTS-IOP-302	BMTS-IOP-402	BMTS-IOP-502	BMTS-IOP-602	BMTS-IOP-702
5.0	BMTS-AD-102						
5.01	BMTS-IOP-103	BMTS-IOP-203	BMTS-IOP-303	BMTS-IOP-403	BMTS-IOP-503	BMTS-IOP-603	BMTS-IOP-703
6.0	BMTS-IOP-104	BMTS-IOP-204	BMTS-IOP-304	BMTS-IOP-404	BMTS-IOP-504	BMTS-IOP-604	BMTS-IOP-704

**Table 8:** Tracer Summit service literature (Versions 1.0 through 2.0)

Version	Installation guide	Programming guide	Daily operations guide
1.0	BMTS-IN-1	BMTS-PG-1	BMTS-OG-1
2.0	BMTS-IN-2	BMTS-PG-2	BMTS-OG-2



# Additional product and sales literature

**Table 9:** Additional product and sales literature

Ordering number	Title	Literature type
BAS-S-30 <sup>1</sup>	Tracer Summit Building Management System	Sales brochure
BAS-PRC001-EN <sup>2</sup>	Tracer Summit Building Automation System	Product catalog
BAS-PRC017-EN	Tracer Summit Critical Control System	Product catalog
BAS-SLM009-EN	Marketing Tracer Summit	Marketing guide
BAS-APG004-EN	Tracer Summit Chiller Plant Control Application Program	Engineering bulletin
BAS-EB-66	Tracer Summit International System of Units (SI) and Metric Units	Engineering bulletin
BAS-PRB003-EN	Tracer Summit Connections to Non-Trane LonTalk <sup>®</sup> Devices	Engineering bulletin
BAS-PRB004-EN	Preparing the Modular Building Control Unit for Use on an Internet Protocol Network	Engineering bulletin
BAS-PRB005-EN	Building Control Unit Sizing for Tracer Summit Systems	Engineering bulletin
BAS-PRB010-EN	Remote Monitoring Unit (RMU)	Engineering bulletin
BAS-PRB011-EN	Tracer Summit Best Practices for Multiple Site Installations	Engineering bulletin
BAS-CD-1	Tracer Summit Solutions CD	Sales tool
BAS-CMC005-EN	Tracer Summit Literature CD	Compact disc

<sup>1</sup> Also available in additional language versions as: L80-CA-020-D, -E, -S, -I, -N; BAS-PRC007-FR

<sup>2</sup> Additional language versions: BAS-PRC001-CS, -DA, -DE, -E4, -EL, -ES, -FR, -HU, -IT, -NL, -PL, -PT, -RU, -SV

# Software upgrades, add-on packages, and companion products

To order Tracer Summit software:

- For new Tracer Summit sites, order 4020 1111.
- For Trane internal upgrades and demonstration CD, order 4020 1112.
- For customer upgrades from Version 10 through Version 17, order 4020 1113.
- For upgrading sites older than Version 10, contact Centralized Services.

The upgrade includes a CD-ROM that upgrades both the PC Workstation and the BCU software.

**Notes:** To run BCU software Version 4.0 or higher, BCUs shipped prior to May 24, 1995, require a memory upgrade.

Table 10 gives ordering numbers for add-on packages. Table 11 gives companion product information. (See Job Center for additional ordering options.)

**Table 10:** Add-on package information<sup>1</sup>

Add-on package software	Ordering number
Tracer 100/Tracker Communication Package	4020 1151
Building Management Package	4020 1153
Enterprise Management Package	4020 1155
Tracer Summit Critical Control System	4020 1149

<sup>1</sup> If you are using one of the add-on packages with your Tracer Summit system, and you upgrade your Tracer Summit software, you do not need to upgrade the add-on package.

**Table 11:** Companion product information

Companion product	Ordering number
Tracer Summit Energy Services:	
Energy Manager	4020 1211
Energy Analyst	4020 1212
Sales Demo Tool	4020 1213



[www.trane.com](http://www.trane.com)

For more information, contact your local Trane office or e-mail us at [comfort@trane.com](mailto:comfort@trane.com)

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Trane has a policy of continuous product and product data improvement and reserves the right to change design and specifications without notice.