

TNCS Bundled Computer/Software Packages

Description

The Transmission Network Control System (TNCS) is an element management system for monitoring and controlling broadband network elements. Typically, a TNCS installation will consist of a combination of software, computer hardware, cable kits, RF modems, transponders, and services. To simplify the ordering process for the software and computer hardware, TNCS offers bundled computer and software packages for Headends, Hubs, and Client applications.

For Headend and Hub site applications, TNCS offers a choice of three main bundles that are designed to meet site specific performance, space, and racking requirements. The primary difference between the bundled packages is the "Rack Mount" and "Desktop" versions for the computer hardware.

For remote dial-in or networking to a TNCS server computer, TNCS also offers Client software and computers in the bundled package format. "Desktop" and "Laptop" versions are the two main choices available.

The bundles are adaptable and scalable to the different architectures found in today's broadband networks. Additional hardware such as cable kits, RF modems, transponders, and services may also be required to meet your specific element management requirements.



Bundle Package Components

The Headend and Hub bundles consist of the following components:

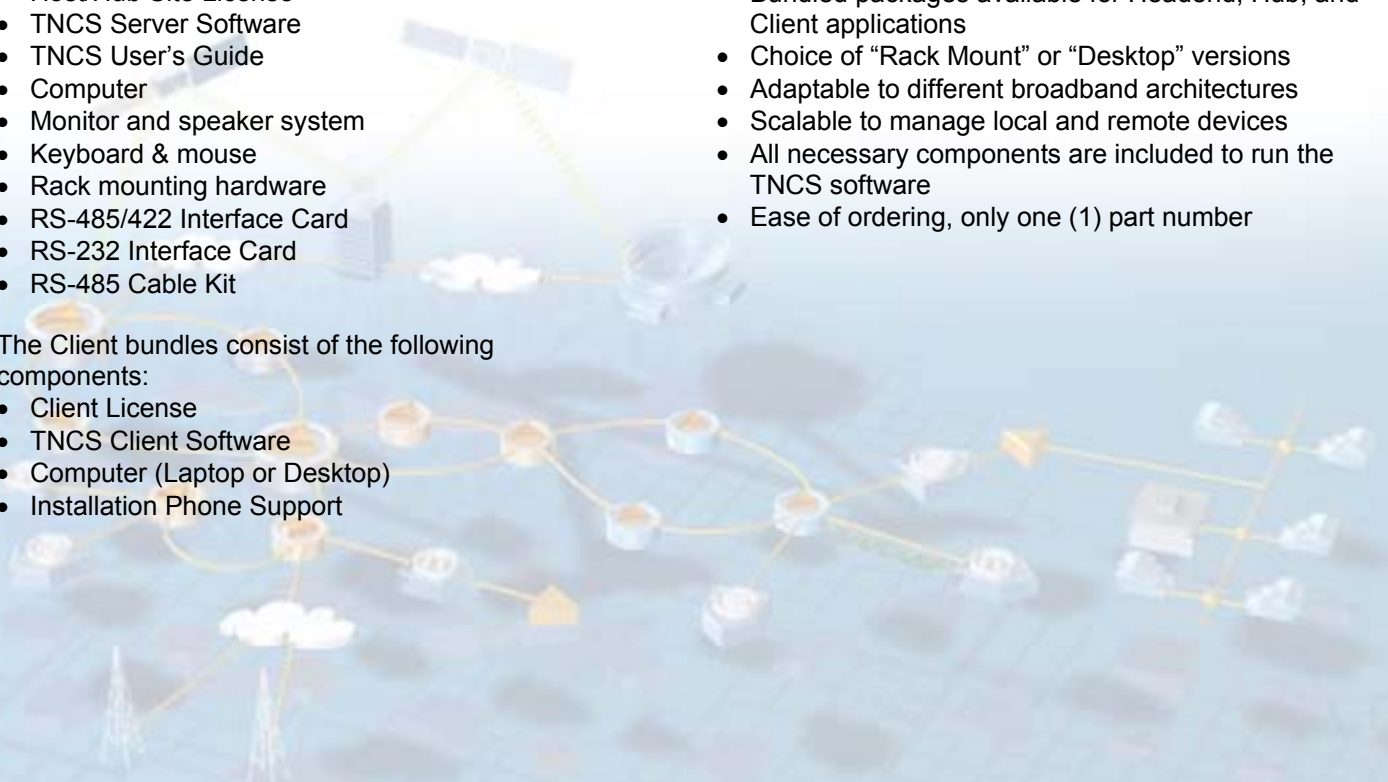
- Host/Hub Site License
- TNCS Server Software
- TNCS User's Guide
- Computer
- Monitor and speaker system
- Keyboard & mouse
- Rack mounting hardware
- RS-485/422 Interface Card
- RS-232 Interface Card
- RS-485 Cable Kit

The Client bundles consist of the following components:

- Client License
- TNCS Client Software
- Computer (Laptop or Desktop)
- Installation Phone Support




Features

- TNCS software and computer hardware in one package
- Bundled packages available for Headend, Hub, and Client applications
- Choice of "Rack Mount" or "Desktop" versions
- Adaptable to different broadband architectures
- Scalable to manage local and remote devices
- All necessary components are included to run the TNCS software
- Ease of ordering, only one (1) part number






TNCS Bundled Computer/Software Packages

Ordering Information

PART NUMBER	DESCRIPTIONS	DETAILS	ILLUSTRATION
735733	TNCS Headend Bundle A	<p>Includes: Host Site License, TNCS Server Software, Rack Mount Computer, Rack Mount Flip-up Monitor & Keyboard, Speakers, RS-232 & RS-485 Interface Cards, and RS-485 Cable Kit.</p> <p>Application: For TNCS element management at a headend site with limited space for equipment, order the TNCS Headend Bundle A. The TNCS server computer, flip-up monitor and keyboard can be rack mounted in a 19" equipment rack, occupying only 6 RU. <u>Space Saver</u></p>	
735734	TNCS Headend Bundle B	<p>Includes: Host Site License, TNCS Server Software, Rack Mount Computer, 17" Monitor with internal Speakers, Rack Mount Monitor Cabinet, Rack Mount Keyboard & mouse, RS-232 & RS-485 Interface Cards, and RS-485 Cable Kit.</p> <p>Application: For TNCS element management at a headend site with a preference for rack mount equipment, order the TNCS Headend Bundle B. The TNCS server computer, monitor cabinet and keyboard can be rack mounted in a 19" equipment rack, occupying 16 RU. <u>Secure – Professional Installation</u></p>	
592289	TNCS Headend Bundle C	<p>Includes: Host Site License, TNCS Server Software, Desktop Computer, 17" Monitor with internal Speakers, RS-232 & RS-485 Interface Cards, RS-485 Cable Kit, and Shelves (2).</p> <p>Application: For TNCS element management at a headend site with a preference for a desktop computer, order the TNCS Headend Bundle C. If required, the computer, monitor and keyboard can be rack mounted in a 19" equipment rack by implementing the included shelves, occupying a minimum of 16 RU. <u>Same Performance on a Budget</u></p>	



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735737	TNCS Hub Bundle A	<p>Includes: Hub Site License, TNCS Server Software, Rack Mount Computer, Rack Mount Flip-up Monitor & Keyboard, Speakers, RS-232 & RS-485 Interface Cards, and RS-485 Cable Kit.</p> <p>Application: For TNCS element management at a hub site with limited space for equipment, order the TNCS Hub Bundle A. The TNCS server computer, flip-up monitor and keyboard can be rack mounted in a 19" equipment rack, occupying 6 RU. <u>Space Saver</u></p>	
735738	TNCS Hub Bundle B	<p>Includes: Hub Site License, TNCS Server Software, Rack Mount Computer, 17" Monitor with internal Speakers, Rack Mount Monitor Cabinet, Rack Mount Keyboard & mouse, RS-232 & RS-485 Interface Cards, and RS-485 Cable Kit.</p> <p>Application: For TNCS element management at a hub site with a preference for rack mount equipment, order the TNCS Headend Bundle B. The TNCS server computer, monitor cabinet and keyboard can be rack mounted in a 19" equipment rack, occupying 16 RU. <u>Secure – Professional Installation</u></p>	
592290	TNCS Hub Bundle C	<p>Includes: Hub Site License, TNCS Server Software, Desktop Computer, 17" Monitor with internal Speakers, RS-232 & RS-485 Interface Cards, RS-485 Cable Kit, and Rack Mount Shelves (2).</p> <p>Application: For TNCS element management at a hub site with a preference for a desktop computer, order the TNCS Hub Bundle C. If required, the computer, monitor and keyboard can be rack mounted in a 19" equipment rack by implementing the included shelves, occupying a minimum of 16 RU. <u>Same Performance on a Budget</u></p>	

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PART NUMBER	DESCRIPTIONS	DETAILS	ILLUSTRATION
717608	TNCS Single Client Laptop Bundle	<p>Includes: TNCS Client Software, Laptop and Installation Phone Support.</p> <p>Application: This bundle offers a complete laptop package for remote dial-in or networking to a TNCS server computer to remotely view the health of the managed elements.</p>	
717610	TNCS Single Client Desktop Bundle	<p>Includes: TNCS Client Software, Desktop Computer and Installation Phone Support.</p> <p>Application: This bundle offers a complete desktop package for remote dial-in or networking to a TNCS server computer to remotely view the health of the managed elements.</p>	

Related Equipment – TNCS Cable Kits (See TNCS Cable Kit data sheet for more information)

Description	Part Number
Series 2000 Cable Kit (10 units)	714430
Javelin Cable Kit (5 chassis)	717603
Prisma® DT Cable Kit - Includes: 8 Port Rack Mount 10/100baseT Ethernet Hub, (7) 10 ft Ethernet Cables, (2) 50 ft Ethernet Cables (6 CCU connections)	717613
Prisma I Cable Kit (10 chassis)	735751
Prisma II Cable Kit (One kit per ICIM)	738686
Model 9660 Cable Kit (20 units)	735752
Continuum® Cable Kit (10 chassis)	735753
Model 6270 Cable Kit (10 units)	735754
Model 8860 Antenna Controller or ADH-3COM Dehydrator Cable Kit (2 units)	738665
RS-485 Cable Kit	735748
Cable, RS-232, DB-9F to DB-9M, 50 ft	717966
PowerVu® Cable Kit (5 units)	744249

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Ordering Information

Related Equipment – TNCS Agile RF Modem (See TNCS Agile RF Modem data sheet for more information)

Description	Part Number
TNCS Agile RF Modem. Required for RF communications to/from transponder. Includes Chassis, Power Supply, Transmitter, HFC Modem, Receiver, and 50FT DB-9 Extension Cable. Supports up to four additional Receiver/HFC Modem Plug-in Modules Sets. Rx: 5.5-31.95MHz, Tx: 50-88/107-175MHz.	717615
Receiver/HFC Modem Plug-in Module Set. Note: P/N: 738667, RF Modem Expansion Kit also required – one per chassis.	717616
RF Modem Expansion Kit: Includes five RF Modem Expansion Cables, Port Expander, and Port Expander Input Cable	738667



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