

Features

- Proprietary server running Microsoft[®] Windows[®] 7 Professional for Embedded Systems, with built-in speaker, plus flat screen monitor, keyboard and mouse.
- Includes paging software module for automatic and manual pages to staff.
- Software module choices include event monitoring, reporting, iOS App, Apple TV displays, admit/discharge/transfer (ADT) interface, and email output.
- 3 network interface cards/ports provide connections to the Tek-CARE network and facility LAN.
- 6 RS232 serial ports provide connections for a paging transmitter, a central monitoring auto dialer, Tek-CARE500 receivers, and Tek-CARE300 CEs.

Description

The Tek-BRIDGE server provides the platform to install and run the ancillary software modules for Tek-CARE healthcare communications systems and the Tek-ALERT alert integration system.

It also supplies ports for the Tek-CARE network; a local area network (LAN) or the facility's LAN; the radio pocket paging system's paging transmitter; Tek-CARE300 II central equipment; the NC502 Central Monitoring Auto Dialer, NC510ES EchoStream Receiver, and NC510 FA Receiver.

The Tek-BRIDGE includes the **LS450 Config Tool**, which is used to set up and customize Tek-CARE and Tek-ALERT systems and their add-on components, and to save the system configuration.

Listings



The Tek-BRIDGE is listed by Underwriters Laboratories, Inc. to the UL 1069 seventh edition standard for Hospital Signaling and Nurse Call Equipment, the UL 2560 standard for Emergency Call Systems, and cUL listed to CSA C22.2 No. 205. UL File Number E71599.



NC474 Tek-BRIDGE[®] Server

Applicable Systems

- Tek-CARE[®]120 nurse call system
- Tek-CARE[®]300 II nurse call system
- Tek-CARE[®]400 nurse call system
- Tek-CARE[®]400 P5 nurse call system
- Tek-CARE[®]500 wireless nurse call system
- Tek-CARE[®]700 wander management system
- Tek-ALERT[®] alert integration manager

Hardware Options

- PK250B Uninterruptible Power Supply (UPS)
- NC502 Auto Dialer for Central Monitoring

Tek-PAGING[®] UHF Pocket Paging System:

- NC365B Paging Transmitter
- NC397A Alphanumeric Pagers
- SI005 LED Messaging Sign

Tek-CARE Network Equipment:

- NC554/5 5-port Network Switch
- NC554/8 8-port Network Switch
- NC556 Ethernet to Fiber Converters
- CT601 Serial (RS232) to IP Converter
- CT701 Serial (RS485) to IP Converter

Software License Selections

Individually available software modules run on the Tek-BRIDGE, adding ancillary features to the healthcare communications system.

System Connectivity:

- **LS120 Tek-CARE120 connectivity license** enables the Tek-BRIDGE to import events from Tek-CARE120 nurse call systems.
- **LS301 Tek-CARE300 II connectivity license** enables the Tek-BRIDGE to import events from Tek-CARE300 II nurse call systems.
- **LS400 Tek-CARE400 connectivity license** enables the Tek-BRIDGE to import events from Tek-CARE400 nurse call systems.
- **LS500 Tek-CARE500 connectivity license** enables the Tek-BRIDGE to import events from FA, ES, and UL version Tek-CARE500 wireless nurse call systems.
- **LS600 Tek-ALERT connectivity license** enables the Tek-BRIDGE to import events from other systems, such as nurse call and fire alarm. (One LS600 required per foreign device.)
- **LS700K Tek-CARE700 connectivity license with Starter Kit** enables the Tek-BRIDGE to import events from our wander management system. It includes the NC708 Starter Kit with STAD-N, testing tag, #6 spanner hex bit, and programming adapter for door controllers.

Event Monitors & Reporting:

- **LSMON-series Event Monitors** display activity from all connected systems. This software is installed on the Tek-BRIDGE server, plus up to nine personal computers networked to the Tek-BRIDGE. (PCs must be running Microsoft Windows.) Available in packages of one license (LSMON1), five licenses (LSMON5), or ten licenses (LSMON10).
- **LS610-series Reporting** records all activity on the Tek-BRIDGE, and provides custom reports on this activity for followup review and evaluation by management. Reports are viewed using a web browser by any computer networked to the Tek-BRIDGE. They may also be printed, saved as HTML files for later viewing in a web browser, or saved as CSV files for viewing in a spreadsheet program (such as Microsoft Excel).

When LS453 Email Output software is combined with LS610-series Reporting, reports can be sent automatically via email.

Available in packages for 100 points (LS610/1), 1000 points (LS610/10), 2500 points (LS610/25), and 5000 points (LS610/50). A point is one Tek-CARE 120 defined location, Tek-CARE300 II addressable device, Tek-CARE400 addressable device, Tek-CARE500 transmitter, Tek-ALERT device ID, or Tek-CARE700 tag.

ADT Interface:

- **LS452 ADT Interface** receives Admit, Discharge and Transfer information from the facility's hospital information system (HIS)—including patient name, room number, bed number and doctor name—and inserts it into the corresponding fields in the Tek-CARE400 nurse call system's patient database. Information in these fields is then available for display at NC401TS and NC402TS Touchscreen Nurse Master Stations.

Email Output:

- **LS453 Email Output** enables email addresses to be added as staff devices. The software sends calls and other events via email to the assigned staff members. Events can also be sent to anything that has an email gateway—for example, sending an SMS message to a cellphone.

Tek-CARE iOS App:

- **LS620 Tek-CARE non-voice App Server license** enables the Tek-BRIDGE server to send events via the facility's WiFi to iOS devices running the LS621-series app.
- **LS621-series Tek-CARE non-voice iOS App** enables iPhone, iPad and iPod touch devices to act as portable Event Monitors. Up to 10 devices running the Tek-CARE app can be active on the system at one time. Install licenses on the Tek-BRIDGE server, and download the app from the Apple App Store. Requires the LS620 Tek-CARE App Server License and iOS version 9.3 or higher. Available in packages of one license (LS621/1), five licenses (LS621/5), or ten licenses (LS621/10).

Tek-CARE App for Apple TVs:

- **LS622-series Tek-CARE App for Apple TV licenses** enables a 4th Generation Apple TV with an HDMI-connected widescreen TV or monitor to act as an Event Monitor. Up to 10 Apple TVs can be active on the system at one time. Install licenses on the Tek-BRIDGE server. Available in packages of one license (LS622/1), five licenses (LS622/5), or ten licenses (LS622/10).

NOTE: The Tek-BRIDGE and its software are ancillary to the nurse call system and must not be used as the primary means of annunciation for the nurse call system. To respond to calls, staff must have access to features that are available only on the nurse call system's master stations.