TekTone® Tek-CARE®400 PM456 System Layout
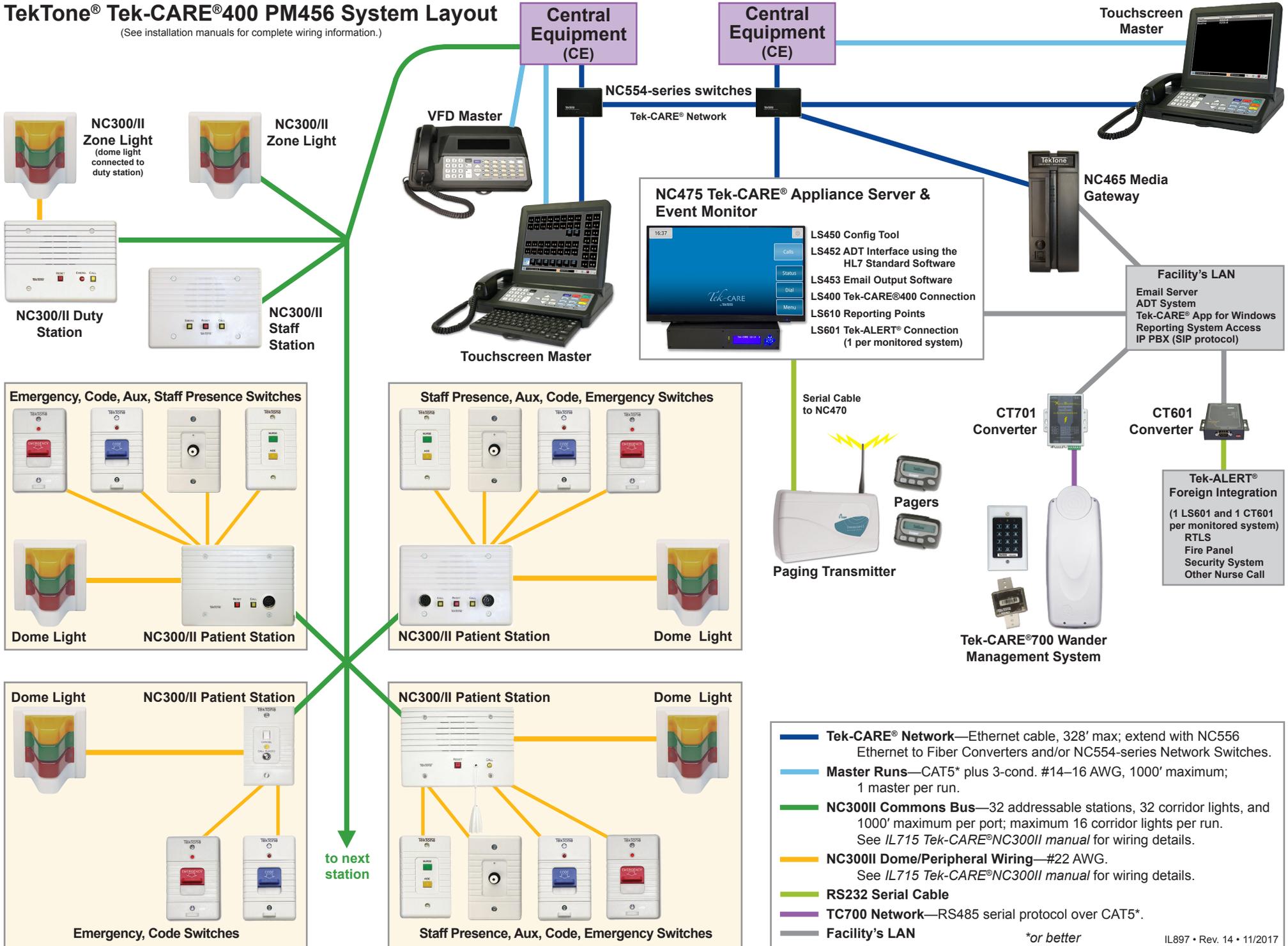
(See installation manuals for complete wiring information.)

Central Equipment (CE)

Central Equipment (CE)

Touchscreen Master

NC554-series switches

Tek-CARE® Network

VFD Master

NC300/II Zone Light (dome light connected to duty station)

NC300/II Zone Light

NC300/II Duty Station

NC300/II Staff Station

NC465 Media Gateway

Touchscreen Master

NC475 Tek-CARE® Appliance Server & Event Monitor

16:37

Calls
Status
Dial
Menu

LS450 Config Tool
LS452 ADT Interface using the HL7 Standard Software
LS453 Email Output Software
LS400 Tek-CARE®400 Connection
LS610 Reporting Points
LS601 Tek-ALERT® Connection (1 per monitored system)

Facility's LAN

Email Server
ADT System
Tek-CARE® App for Windows
Reporting System Access
IP PBX (SIP protocol)

Emergency, Code, Aux, Staff Presence Switches

Dome Light   **NC300/II Patient Station**

Staff Presence, Aux, Code, Emergency Switches

NC300/II Patient Station   **Dome Light**

Serial Cable to NC470

Pagers

Paging Transmitter

CT701 Converter

CT601 Converter

Tek-ALERT® Foreign Integration

(1 LS601 and 1 CT601 per monitored system)
RTLS
Fire Panel
Security System
Other Nurse Call

Tek-CARE®700 Wander Management System

Dome Light   **NC300/II Patient Station**

NC300/II Patient Station   **Dome Light**

to next station

Emergency, Code Switches

Staff Presence, Aux, Code, Emergency Switches

Tek-CARE® Network—Ethernet cable, 328′ max; extend with NC556 Ethernet to Fiber Converters and/or NC554-series Network Switches.

Master Runs—CAT5* plus 3-cond. #14–16 AWG, 1000′ maximum; 1 master per run.

NC300II Commons Bus—32 addressable stations, 32 corridor lights, and 1000′ maximum per port; maximum 16 corridor lights per run. See *IL715 Tek-CARE®NC300II manual* for wiring details.

NC300II Dome/Peripheral Wiring—#22 AWG. See *IL715 Tek-CARE®NC300II manual* for wiring details.

RS232 Serial Cable

TC700 Network—RS485 serial protocol over CAT5*.

Facility's LAN

*or better

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