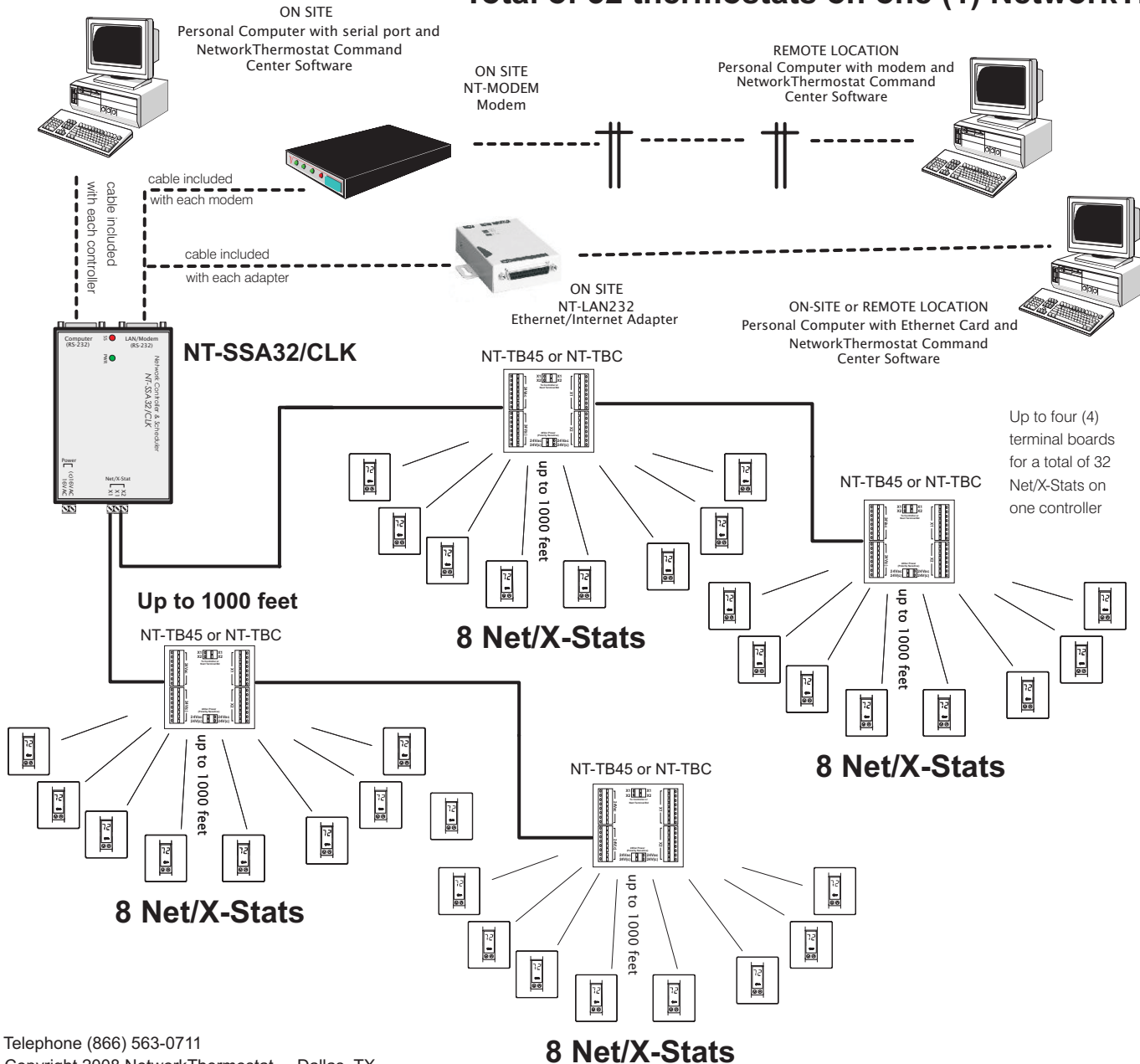




Typical HVAC Communications Network for NT-SSA32/CLK Network Controller

Total of 32 thermostats on one (1) NetworkThermostat Net/X-Stat Controller



Cable and Wiring Notes
All NetworkThermostat products follow industry standard data communications wiring practices. Refer to your local building codes for specific requirements.

Wiring Guidelines
A) Any Serial-Stat can be up to 1,000 feet away from the Network Controller
B) Total of 4,000 feet of cable on any one controller (2,000 feet on each Net/X-Stat comm circuit (X1 - X2))
C) ANY combination of home-run, daisy-chain, or multi-drop wiring configuration may be used
D) NT-TBC or NT-TB45 terminal boards may be placed anywhere within the 4,000 feet

Cable Specifications
Net/X-Stat cable options:
A) Category 5, 24AWG, 4-pair, or equivalent
B) Category 5, 24AWG, 4-pair, plenum rated or equivalent

Pair 1 - Serial-Stat Communications Bus
X2 - Blue with White Stripe
X1 - White with Blue Stripe

Pair 2 - (Option) Contact Closure Setback
CLK2 - Orange with White Stripe
CLK1 - White with Orange Stripe

Pair 3 - (Option) Remote Power
24VAC (common) - Green with White Stripe
24VAC - White with Green Stripe

Pair 4 - (Option) Spare Pair
Spare - Brown with White Stripe
Spare - White with Brown Stripe