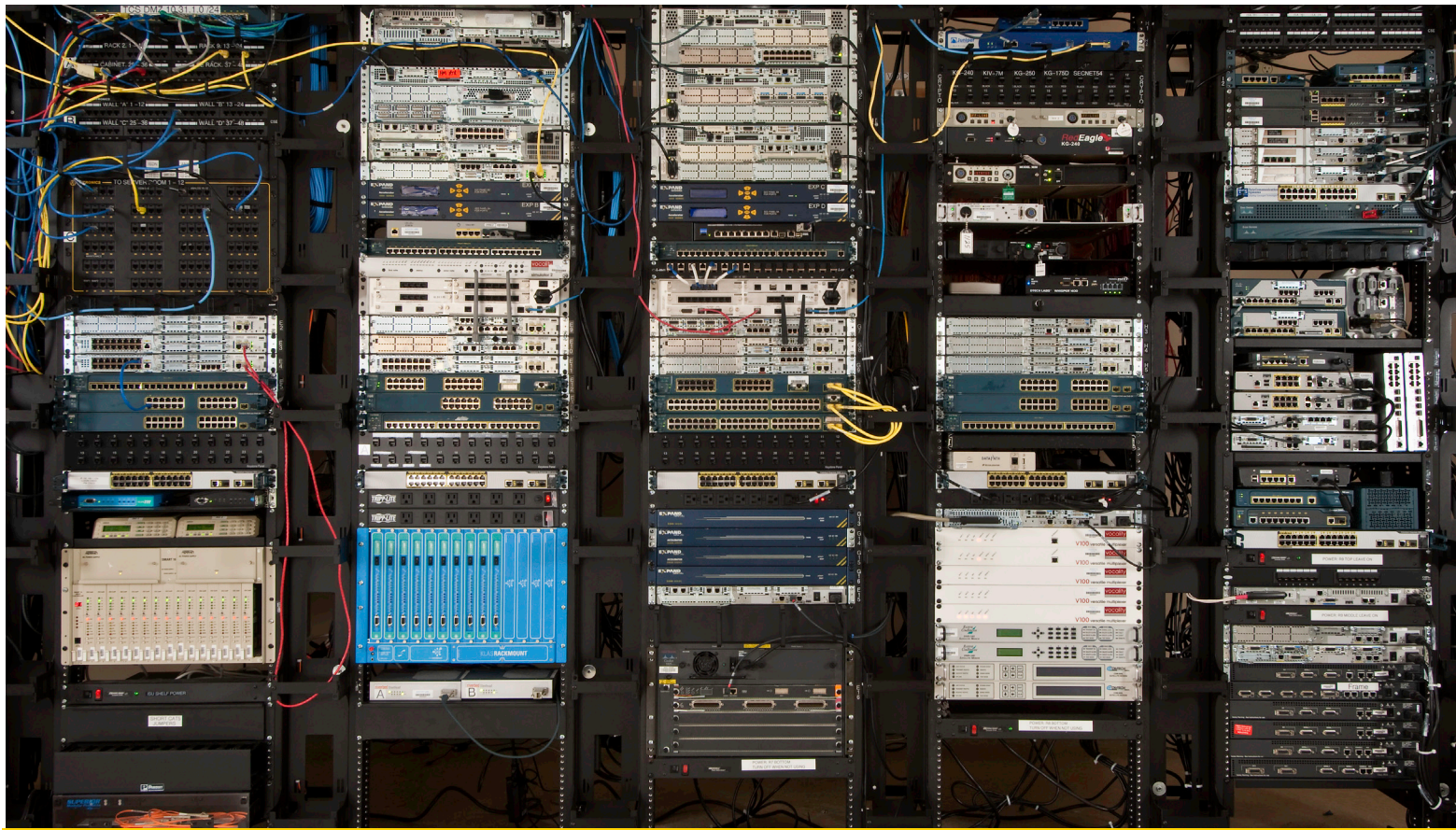


# SNAP 2750 Network Package Expansion Kit (NPEK)



## Benefits/Features

- Seamless interoperability with equipment using serial bit stream transport
- Supports separation between NIPR/SIPR units to meet security requirements
- Embedded Cisco 2811 Integrated Services Router with Circuit Emulation (CEM) module
- Cost effective transition from circuit and TDM to converged IP communications

The TCS SNAP 2750 Network Package Expansion Kit (NPEK) is a rugged, modular baseband kit designed to bridge the gap between legacy equipment and modern Internet Protocol (IP) networks. Older systems with specialized serial communication paths do not easily interoperate with today's modern switch (Everything over IP). The NPEK brings these systems into the IP era by encapsulating serial data into easily routed IP data. In addition to providing serial data to IP conversion the NPEK provides a 48 port switch on each classification with Power over Ethernet (PoE) capability to support additional users.

See TCS' complete line of products and services at [www.telecomsys.com](http://www.telecomsys.com).

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## SNAP 2750 NPEK

Built as a compliment to the SNAP Rack/Stack Baseband, which is designed to support IP-based voice, video and data, the SNAP 2750 NPEK allows serial based communication equipment to connect to remote counterparts across IP links, that are NSA Type 1 or AES encrypted. The NPEK leverages the scalable COTS architecture that the SNAP family is built on, and utilizes the same removable inner frame rack-mounted design of the SNAP Rack/Stack Baseband to allow direct access to internal components for ease of maintenance. The NPEK is specifically designed for use in conjunction with the SNAP 1.2M and 2.0M VSAT packages, and is also interoperable with all TCS baseband packages. Pushing access beyond the IP-enabled network exemplifies the TCS commitment to optimum Total Cost of Ownership (TCO) for its customers.

### Specifications

#### Physical

**SIPR:** 38.5 x 23.8 x 11.4 in., 83 lbs

**NIPR:** 38.5 x 23.8 x 13.1 in., 124 lbs

**Number of Cases:** Two (2)

#### Functional

2 serial interface ports  
(expandable to 4)

48 POE fast ethernet ports on each  
classification

#### Operational

Operational Temperature: 0° C to 40° C

Storage Temperature: -40° C to 70° C

MTTR: ≤ 5 minutes

Operational availability: ≥ 99.5%

#### Compliance

FIPS 140-2 (TRANSEC/COMSEC)

#### Warranty

One (1) year