Power over Ethernet
Power over Ethernet simplifies installation of networking devices such as IP phones, wireless access points and 3Com® IntelliJack™ Switches and Network Jacks. Eliminates the cost for additional electrical cabling and cuts total installation time significantly.

In-Line (End-Span) Integration
Power and data switching are totally integrated into one unit, saving rack space, excess cabling and the need for multiple backup systems.

Centralized Power Management
Configure and monitor power for networking equipment from a single secure location. Enable, disable, limit, and monitor on a per-port basis. Receive alarms if a powered device develops a fault. Guarantee power to mission critical devices.

Centralized Power Backup Protection
All powered devices on the network can be backed up via a 3Com SuperStack® Advanced Redundant Power System. Data and power will continue with no disruption to the network, even in the event of a complete internal power failure.

Standards-based Power over Ethernet
The product is compliant to the IEEE 802.3af specification. Customers are not tied to a single vendor for network-powered equipment.

Automatic 3Com NBX® Phone Detection and Configuration
3Com NBX phones are automatically powered and given high priority so as to maintain optimum voice quality.

Power Metering
Power meters show peak, minimum, and average power consumption to help administrators budget and check on faulty equipment.

Enhanced Switch 4400 Capabilities
The capabilities of 3Com's most feature-rich switch family mean the SuperStack 3 Switch 4400 PWR can help satisfy the most demanding switch requirements. Stack with the SuperStack 3 Switch 4400 24- and 48-port switches, and make use of Switch 4400 Gigabit and stacking modules for easy integration into your existing network.

Key Benefits
3Com has combined the standards-based Power over Ethernet technology (IEEE 802.3af) with the advanced features, simplicity and style of the SuperStack 3 Switch 4400 series to create the 24-port SuperStack 3 Switch 4400 PWR.

The highly compact, stackable 1-RU design provides power and data over a single cable to any compliant device, including 3Com NBX phones, wireless LAN access points, and Network Jack products.

Power over Ethernet eliminates the cost for additional electrical cabling and cuts the total installation time and cost significantly, helping to reduce the total cost of ownership, especially when paired with networked telephony solutions.
The switch supports all Switch 4400 enhanced capabilities, such as traffic classification and prioritization, and IEEE 802.1X network log-in security. Mix-and-match in stacks with any other enhanced SuperStack 3 Switch 4400 device, up to 192 10/100 ports per stack. Use Switch 4400 modules for Gigabit uplinks and stacking.

### Specifications

**Connectors**
- 24 auto-negotiating In-Line Power 10BASE-T/100BASE-TX ports configured as Auto MDI/MDIX
- 2 module slots accommodating media modules or stacking modules
- All fiber module connectors are MT-RJ
- Advanced Redundant Power System Type 3 connector

**Security**
- Radius (RFC 2865, RFC 2869)
- Session accounting (RFC 2866)
- DUD – Device Unauthorized Disconnect

**Stacking**
- Up to 192 10/100 front panel ports
- Mix and match Switch 4400 24-port (3C17203), 4400 48-port (3C17204), 4400 PWR (3C17205), and 4400 FX (3C17210)

**Traffic Management**
- Four priority queues per port
- IEEE 802.1p CoS
- DiffServ
- Application/protocol blocking

**Performance**
- 8.8 Gbps forwarding bandwidth
- 6.6 million packets per second
- Wirespeed performance
- 8,000 MAC addresses supported

**Reliability**
- MTBF @ 40°C: 233,451 hours

**Dimensions**
- Height: 43.6 mm (1.7 in or 1U)
- Width: 440 mm (17.3 in)
- Depth: 304 mm (12.0 in)
- Weight: 4.6 kg (10.1 lb)

**Environmental Requirements**
- Operating temperature: 0° to 40°C (32° to 104°F)
- Storage Temperature: -20° to +70°C (-4° to +158°F)
- Operating Humidity: 10% to 90% relative humidity noncondensing

**Safety Agency Certifications**
- EN60068 (IEC68)
- UL60950, EN60950, CSA22.2 No. 60950, IEC 60950

**Emissions**
- CISPR 22 Class A, EN55022
- Class A, FCC Part 15 Subpart B
- Class A, ICES-003 Class A
- AS/NZS 3548 Class A, VCCI
- Class A, CNS 13438 Class A
- EN61000-3-2, EN61000-3-3

**Heat Dissipation**
- 275 W maximum (936 BTU/hr maximum)

**Power Supply**
- AC Line Frequency 50/60 Hz
- Input Voltage 90-240 VAC
- Current Rating: 2.3A maximum

**SNMP Standards**
- SNMP Protocol (RFC 1157)
- MIB-II (RFC 1213)
- Bridge MIB (RFC 1493)
- RMON MIB II (RFC 2021)
- Remote Monitoring MIB (RFC 1757)
- Interface MIB (2233)
- MAU MIB (RFC 2668)
- PoE MIB (3FC 484)

**Hardware Warranty**
- Limited Lifetime hardware warranty. Includes fan and power supply.
- See www.3com.com/warranty for details.

**Management**
- Trial copy of 3Com Network Supervisor provided on accompanying CD
- Web interface management
- Command line interface management

**Ordering Information**

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3Com Corporation, Corporate Headquarters, 350 Campus Drive, Marlborough, MA 01752-3064
To learn more about 3Com solutions, visit www.3com.com. 3Com Corporation is publicly traded on NASDAQ under the symbol COMS.

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