2024 Ethernet Alliance
Power Over Ethernet (PoE) Survey
Conducted by the Ethernet Alliance on the state of the PoE market

Survey Participants

- System Installer/ Integrator: 44%
- End User/ Network Owner: 30%
- System Designer: 18.7%
- Other: 7.3%

Top Devices Installed

- Wi-Fi Access Points: 87%
- Cameras: 85%
- Phones: 67%
- AV/ Display Devices: 39%
- Access Control: 38%
- Sensors or Monitors: 31%
- Computing Storage Devices: 27%
- Lighting: 19%
- Point of Sale Devices: 18%
- Medical Devices: 9%

Strong Preference for IEEE 802.3

- Only use/install IEEE 802.3 compliant PoE devices: 44%
- Use non-compliant PoE devices when there is no other alternative: 25%
- Prefer IEEE 802.3 compliant PoE devices, but use others if fits requirement: 24%
- No preference for IEEE 802.3 compliant PoE devices: 7%

33% plan to install high power (>51W) PoE Devices in the next 12 months
The Value of PoE Certification

- Doesn’t power up correctly when first connected: 9% Major Problem, 47% Minor Problem, 44% Never a Problem
- Power/operation unreliable: 15% Major Problem, 35% Minor Problem, 49% Never a Problem
- PoE issues took too long to solve: 18% Major Problem, 29% Minor Problem, 54% Never a Problem
- Unsatisfactory vendor support: 23% Major Problem, 22% Minor Problem, 55% Never a Problem

Ethernet Alliance PoE Certification Program

Expected PoE certified products to be noticeably better in one or more areas: 77%
PoE certification would have significant influence on purchasing decisions: 56%
PoE certification would have some influence on purchasing decisions: 96%
Would be willing to pay 5% or greater premium for PoE certified products: 83%

Learn more at ethernetalliance.org/poecert