

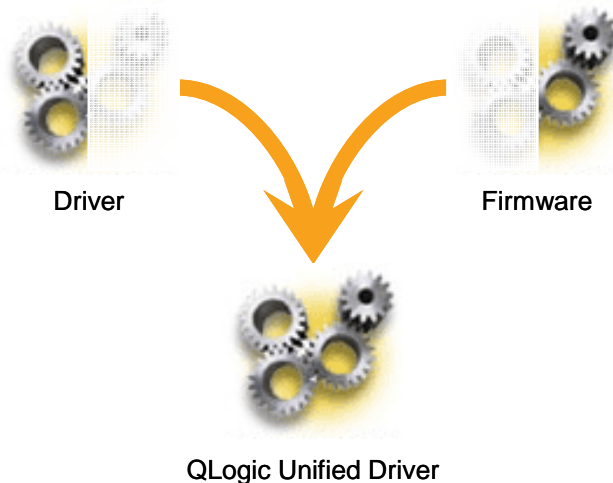


# Unified Drivers

Integrated Driver and Firmware for FC HBAs

## Industry Challenges

Storage Area Networking (SAN) makes it possible to achieve significant and quantifiable benefits from storage investments. Tested and certified SAN configurations create the stable foundations required for reliable operations. Yet some FC HBA products use separate driver and firmware files that introduce unacceptable risks to SAN operations. The problems created by separate FC HBA driver and firmware files must be overcome to protect continuous SAN operations.



## QLogic Advantage

QLogic uniquely delivers matched sets of FC HBA driver and firmware within a unified file. As a result, administrative workloads are reduced and SAN operations are securely protected during routine administration, maintenance or upgrades.

- A unified file containing driver and firmware delivers a matched set of certified software.
- Matched sets of driver and firmware result in worry-free maintenance and upgrades.
- Integration of driver and firmware reduces administrative workloads.
- The chance of disruptions from incompatible driver and firmware is eliminated.
- Every unified driver and firmware file is tested and certified for reliable SAN operations.
- Eliminates concern about firmware versions when deploying FC HBAs from inventory.

## Competitive Shortfalls

Other FC HBA providers distribute their driver and firmware as individual files. Separate driver and firmware files introduce the risk of assembling untested or incompatible combinations during administration, maintenance or upgrades.

- Separate driver and firmware files must be independently cataloged and sustained.
- Users are solely responsible for correctly matching drivers and firmware.
- Administration, maintenance or upgrades may create unpredictable results.
- Administrators must manually create custom pairs of driver and firmware files.
- The effects of each driver and firmware change must be predicted by customers.