



G6S AND 2RS MODULES

For IBM® GDPS®/STP Applications

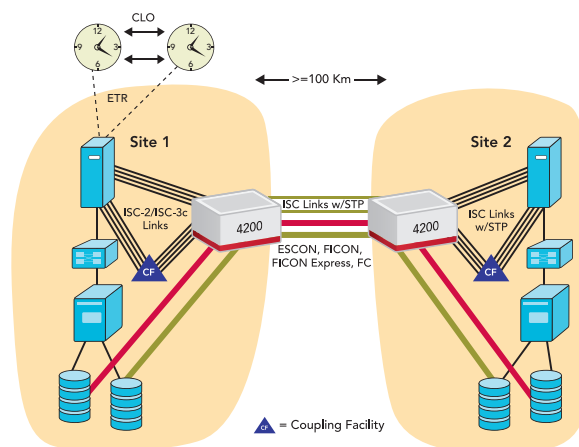
Features and Benefits

- Multiplexes signals carrying STP electrically, resulting in up to 67% more efficiency than competing 3R transponder-based solutions
- Extends the distance capabilities of GDPS implementations up to 100 km
- Supports ETR/CLO and STP timing signals on the same system for hitless migration from legacy GDPS
- Features a low-latency attribute, best for delay-sensitive applications
- Supports multiple client types including GbE, FICON®, ESCON® and SONET, as well as any FC rate—1.0625 Gb/s, 2.125 Gb/s, 4.25 Gb/s and 10.7 Gb/s—on a single 2.7G OTU-1 or 10.7G OTU-2 wavelength
- Ensures complete data integrity through “touchless” transport using ITU G.709 OTN
- Provides carrier-grade five-9s (99.999%) availability
- Scales to meet current and future application bandwidth requirements with linear scalability to 40 10G wavelengths.

The 4200 Family delivers a cost-effective, high-performance Wavelength Division Multiplexing (WDM) transport solution that enhances IBM’s storage products to provide a superior Business Continuity/Disaster Recovery (BC/DR) solution.

Part of the IBM System Storage Proven™ Program, the 4200 is IBM-qualified for GDPS, Server Time Protocol (STP) and Metro Mirror (PPRC) environments.

With its advanced sub-wavelength multiplexing capability, the 4200 is uniquely suited to provide cost-efficient, ultra-reliable transport for IBM high-availability applications. To meet the application’s strict performance requirements, Ciena offers two modules specifically designed to support both legacy External Time Reference (ETR) and Control Link Oscillator (CLO) timing links used by GDPS, as well as the in-band timing mechanism used by STP for extended reach deployments up to 100 km.



4200 supports both ETR/CLO and STP timing mechanisms simultaneously to support network migration