



**End User:** Georgia-Pacific Dixie Division

**Location:** Bethlehem, PA

**Integrator/Supplier:** Sixnet

**SCS Partner Contact:** Bob Williamson --- Sixnet Direct Factory Rep

**SCS Partner Contact Email:** [BobW@sixnetio.org](mailto:BobW@sixnetio.org)

Note: please attach any photos or system diagrams

**Introduction:** (Describe the company and the industry they serve.)  
 Industry --- Forest Products, Packaging

Company --- Georgia-Pacific Dixie Division makes hundreds of products for use at home, as well as in restaurants and other away-from-home settings, including food service disposables such as cups, plates and bowls, cutlery, food wraps, cartons and trays, and many other items.

**Scope of Project:** (Describe the application.)  
 Plantwide industrial ethernet LAN ... fiberoptic backbone with RJ45 drops.

**Solution:** (Describe the SIXNET solution.)  
 Customer is long-time Sixnet user (IOMux) thru an OEM supplier of sheet molding and slitting machines. He wanted a single source of supply for packaged, integrated network components. Sixnet provided TrakPAK enclosures containing ET-GT-XES-XSC switches, power supplies, and 3<sup>rd</sup>-party fiberoptic termination panels, with internal wiring and bulkhead connectors.

**Products Used:** (List the major SIXNET and HMI components used in the system.)

Qty	Part Number	Description	Qty	Part Number	Description
	ET-GT-XES-XSC	Several models of multimode fiberoptic ethernet switches			
	RM-PS-024-01F	DC Power Supply			
	EB-CP-RJ45-F	Bulkhead connector			

**Resulting Benefits:** (Describe the problems solved, added benefits, increased efficiencies, etc...)  
 Division of responsibility with customer greatly accelerated planned timeline for network startup. Sixnet performed as a single source of supply for completed enclosures for electrical/mechanical installation by customer. Network startup was 'plug-and-play' immediately upon connection with network cabling.