DEMAND-PULL TECHNOLOGIES

Features	Kanban	POLCA	TDPS - Vortex™
Designed to Minimize Queueing of Work	✓	✓	✓
Designed to Minimize Production Cycle-Time	✓	✓	✓
Designed to Minimize Work-in-Process Inventories	✓	✓	✓
Designed to Balance the Production Line	✓	✓	✓
A Visual Management Tool to Help Prevent the Waste of Overproduction	✓	✓	✓
Only Applied to Work Center Pairs	✓	✓	✓
Enables Continuous Improvement	✓	✓	✓
Parts Cannot be Produced Without Prior Authorization	✓	✓	✓

DEMAND-PULL TECHNOLOGIES

Features	Kanban	POLCA	TDPS - Vortex™
Reduces Time Spent on Scheduling & Dispatching	✓		✓
Issued for Each Work Order	✓		✓
A Physical Bin or Card System	✓	✓	
Uses Business-Defined Prioritization Policies		✓	✓
Is Work Flow Agnostic		✓	✓
Defines the Part-Type to be Produced	✓		
Defines the Quantity to be Produced	✓		
Requires MRP/ERP Production Dispatching		✓	

DEMAND-PULL TECHNOLOGIES

Features	Kanban	POLCA	TDPS - Vortex™
Work Centers Must Continually Review Capacity & Lead-Times		✓	
Requires a Software Tool			✓
Benefits from Industry 4.0 Machine Learning			✓
Works with Re-Entrant Work Flows			✓
Defines the Work Order to be Produced			✓
Has Multiple Queue-Ordering Methods			✓
Ideal Queue is Zero			✓

EQUATION 1

Home to **Vortex™** - a workflow-agnostic, time-based, demand-pull, real-time production dispatching solution for complex manufacturing environments. Demand-pull is now available for the complex factory!