disruptive;

adj.   relating to or noting a new product, service, or idea that radically changes an industry or business strategy, especially by creating a new market and disrupting an existing one.

Venator Management System

– Fully Automated
– Data & Tape Management
– Node Management
– Navigation Merge

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Venator Management System

Data Management
- Node configuration and testing
- Maintaining disk storage and copy to final storage medium (typically tape or hard drive)
- Control and monitoring battery charging
- Communications with Navigation
- Navigation merge (automatic when using Gator II)

Preparations for deployment
- Battery status
- Self tests
- Clock calibration and synchronization
- Ready for deployment

On recovery
- Download of raw data to safe disk storage
- Clock drift measurement
- Battery charging
- Automatic QC of recorded data/flagging suspicious channels
- Manual graphic QC

Data output in standard SEG formats

Node Management
- Communication with the Launch and Recovery system
- Keeping track of all Venator nodes at all times
- Selection of nodes to be deployed
- Selection of docking stations to be used

Hardware Requirements
- Distributed hardware scalable to any node count (same firmware)
- Web interface for all monitoring functionality

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