

## 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

**inApril**

Seabed Seismic Solutions



# Venator Management System (preliminary)

## 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