



## System Level Products

### Series 3000 Automatic Tracking System (ATS)

The Series 3000 ATS is designed to meet the need for a low cost, high performance turnkey tracking system for use in a broad range of applications and environments. The system design uses proven off-the-shelf hardware for enhanced reliability and maintainability. The system is easily adapted for shipboard, airborne, vehicle-mounted, surveillance and tracking applications. The payload can be configured to handle a broad range of sensors, including TV, FLIR, MMW Radar, Laser Rangefinder, LIDAR and RF Systems.

The system is available in various configurations, including man-portable, fixed site and transportable systems.

### Features and Options

- Local/Remote Control
- Microprocessor Control
- Payload Mounting Structure
- Direct Drive DC Motors for Precision
- Single Station TSPI Solution
- Integration of Customer Furnished Equipment (CFM)
- Payload Instruments (Video/FLIR/MMW Radar/LIDAR/LRF) (option)
- Gyro Stabilization (option)
- Optical Encoder Packages (option)
- Velocity >100 Degrees/Sec (option)
- Acceleration >100 Degrees/Sec<sup>2</sup> (option)
- Operator's Console (option)
  - Video Monitors
  - Video Tracker
  - Video Annotator
  - Video Recorder

### Services and Capabilities

- **Depot Level Repair** - E-O Imaging provides depot level repair for the following DBA Systems/Titan Corporation Video Tracker Products:
  - Model 606-3, 606-3A, 606-3M/C, 606-3M/4 Trackers
  - Model 606-4M/C, 606-4M/R, 607-4M/C, 607-4M/R Trackers
  - Series 6000 VME Trackers
- **Equipment Lease** - for customers with short term needs or limited budgets, E-O Imaging has Video Trackers and Tracking Systems available for lease. Consult the factory for details and availability.
- **Refurbished Equipment** - E-O Imaging has a number of reconditioned trackers and card sets. Contact the factory for available models and price.
- **Capabilities** - E-O Imaging offers its customers a broad array of technical capabilities including:
  - Embedded DSP Hardware/Software Development
  - System Engineering
  - Mechanical Design and Packaging
  - Custom Systems and Products
  - Servo Control
  - Custom FPGA Design
  - Unix® and Windows® Software Development
  - Engineering Support and Training

### Retrofit Kits

E-O Imaging has available Retrofit Kits for the Model 606-3/3A and 606-4M/C that allow the user to incorporate the latest tracker technology in their existing rack mount trackers. Retrofit Kits can be structured around E-O Imaging's PCI or VME-based trackers.\*



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\* Consult factory for latest specifications and options.