

# Helios: Quality and Management Tools

## Course Outline

AVT is pleased to offer its customers a comprehensive range of product and system operation training courses. At AVT, we provide you with the professional tools you need to get on track and stay on track, to optimize the value of your AVT solution.

### Helios

Designed and developed by skilled AVT engineers, a result of hundreds of man years, AVT's Helios system has been installed on close to 2,000 presses and rewinders at customer sites worldwide. Seamlessly integrated into any press or rewinder or a combination of both for inline quality assurance and process control, Helios offers unrivaled quality management solutions for AVT's expansive global install base.

### Course Overview

- In-depth understanding of Helios Inspection concept and Quality Control capabilities
- Planning and management of optimal Helios system installation, maintenance and performance
- Inspection set up to achieve superior quality and safeguard production runs from undetected print defects
- Management of Helios system users and user authorization levels
- Controlling data management tools and tracking previous production runs for quality control
- Helios system validation in accordance with standard validation processes

### Who should take this course?

This course is designed for Quality Assurance personnel, supervisors and process engineers involved in print quality control and production management.

### Duration / Location

- 3 full training days
- Courses held at one of AVT's global Vision Centers, located in Atlanta (USA), Belgium and Israel



## Syllabus

### Helios: Operation & Troubleshooting (3-day course)

- Introduction to Line Scan Camera technology and Helios Inspection system
- AVT closed loop solution
- Introduction to optional modules and other inspection solutions
- AVT system integration into customer environment
- Key system components and preventive maintenance
- Job management tools (Loading/Saving, Archiving, Data Backup)
- Quality control: decision-making process and tools
- Data management tools: operation and analysis process
  - PrintFlow
  - PrintFlow Manager
  - PrintFlow Online
  - PrintFlow Central

### Control Tools and Optional Modules

- PDF Job Verification (JobRef)
- DigiMask
- IDEal Online Color Monitoring (IDEal)
- Barcodes & Variable Data
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