

Quality standardization and automation platform

iCenter

Single Point of Truth for Quality Management

It is getting harder and harder to keep up with current print environment, due to rising demand for short runs, squeezed delivery times from brands on one hand and increasing demand from brands on the other hand, to meet the highest standards in print quality and consistency. In such a demanding print environment, it is vital to automate systems across the production floor. Having a best-in-class AVT inspection system on-press is the vital first step. But you also need advanced quality processes that streamline the workflow and support standardization and automation. That's where AVT's iCenter comes in.

Toward a stronger bottom line

Quality process excellence isn't a destination, or even a journey. Think of it as a vehicle - one that you can steer toward greater value for your customers and a more robust bottom line for your business. Working with disparate systems can prevent your business from reaching new heights.

The real power of digitization and a digitized quality workplace comes from breaking down silos and implementing an automated and connected workflow with a cohesive approach to quality management. Introducing an automated, single-source-of-truth platform can help break down those silos.

iCenter empowers converters to easily and efficiently manage and control quality and production standards across jobs, printing equipment, shifts and sites. It helps perfect quality processes, remove roadblocks and accelerate results across the organization, to achieve the highest-quality and consistent outcomes at the lowest cost.

A unique, cloud-based platform, iCenter lets you automate repetitive manual workflows, define and structure quality standards, auto-generate ready-for-inspection jobs and more. It integrates seamlessly with existing systems including MIS and prepress solutions, is customizable to your exact needs, reduces errors and drives immediate ROI.



Define once, use infinitely

With iCenter, your in-house specialist in AVT inspection defines all quality standards and categorizes them according to brand and product family. This is a one-time undertaking when iCenter is first deployed. Additions and adjustments are needed only when onboarding new customers or products that have different quality requirements.

Once the job-specific quality standards have been defined in iCenter, they are automatically attached to every job.

Image vision intelligence embedded in iCenter automatically recognizes the important parts of a package, such as logos, barcodes, die lines, nutrition facts and other special elements, and applies the sensitivity settings accordingly. The operator does not need to deal with inspection setup, to manually mark elements for inspection or even to know their varying sensitivity settings.

Generating ready-for-inspection jobs in an accessible central source of truth ensures not only that vital quality setup related knowledge is captured, but that it's organized and available automatically for every print run.

This ensures that brands' requirements for global consistency across all products are fully met, regardless of when and where they are printed, and regardless of the operators' skills. It also significantly reduces job setup complexity and time, freeing operators to focus on their many other job setup and production tasks.



Standardized, consistent, inspected products across sites

Standardization

Guarantees quality standards per-brand and product type.

Automated, touch-free workflow

Jobs are auto-submitted to iCenter through the MIS or ESKO automation engine, with the quality standard automatically attached.

Accuracy

Leveraging image vision intelligence and machine learning, iCenter auto-analyzes PDFs for inspection.

Multi-system

Ready-for-inspection jobs are created automatically, company-wide.

100% hands-free on press

Ensures inspection system optimization and eliminates user errors.

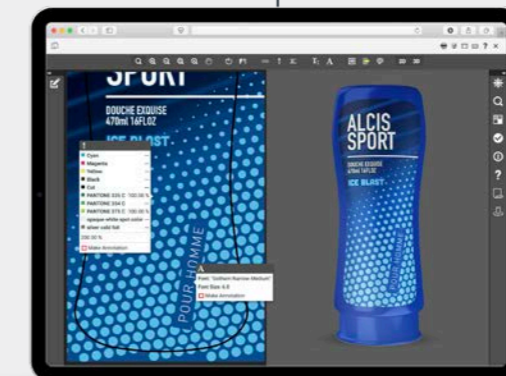
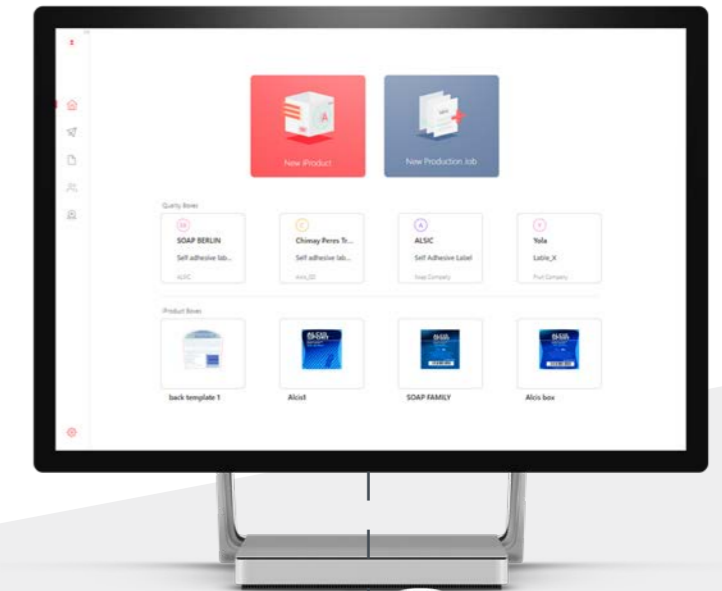
Key benefits

- ✓ **One point of truth** for quality management
- ✓ **Standardization** – Stand out in your market by delivering high-quality, consistent products
- ✓ Support your customers' brand equity goals with **standardized quality**
- ✓ **Hands-free on-press** – Reduce inspection setup time and complexity
- ✓ **Minimize risk of human error** with hands-free auto inspection setup on press
- ✓ **Save setup time** (5 - 7 minutes per job) – Highest quality at minimum cost

An Industry 4.0 solution

The iCenter platform is software-only. Its cloud-based architecture empowers you to tightly control quality standards across multiple sites and connected presses, in line with Industry 4.0 best practices.

Beyond helping turn the production floor into a smart factory, iCenter also facilitates communication with brands, providing you with standardized quality information that you can share with your customers.



Key features and capabilities

Consistency is what transforms good into excellent. With iCenter, you're equipped for excellence.

Workflow automation

- Cloud-based web application
- Accessible from any device, anytime
- Fully automated process requires one-time-only definition of quality settings
- Auto-generation of ready-for-inspection jobs
- 100% hands-free on press, with user permissions to define press-side rights

Image vision

- Auto-analysis of images for inspection optimization
- Auto-recognition of special areas in the package for application of different inspection thresholds

Quality standards

- Enables definition of unique sets of quality requirements per brand and product type
- Quality standards integration with workflow logic
- Central source of truth onsite and across sites for consistent quality standards
- Allows inspection of different areas of the label according to their importance - Auto-application of different sensitivities

Multiple integration points

- The iCenter workflow integrates with MIS, ERP and prepress solutions
- Out-of-the-box connectivity with Esko Automation Engine

Belgium	Kortrijksesteenweg 1095, 9051 Gent Tel. +32 9 216 92 11 info.eur@esko.com
USA	8535 Gander Creek Drive, Miamisburg, OH 45342 Tel. +1 937 454 1721 info.usa@esko.com
Brasil	Rua Professor Aprígio Gonzaga, 78 - 10º andar - São Judas - 04303-000 - São Paulo Tel. +55 11 3550-1311 info.la@esko.com
Singapore	8 Changi Business Park Ave 1, UE BizHub East #07-51, South Tower, 486018 Tel. +65 6420 0399 info.asp@esko.com
Japan	Telecom Center Building, West Wing 6F, 2-5-10, Aomi, Koto-ku, Tokyo, 135-0064 Tel. +81(3) 5979 6086
China	Floor 1, #2 Building, 1528 Gu Mei Road, 200233 Shanghai Tel. +86 21 60576565 info.china@esko.com